

https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/

Graceland
UNIVERSITY 1895

Lamoni Campus

1 University Place
Lamoni, IA 50140
641.784.5000
866.472.2352
Campus Map

Independence Campus

1401 W. Truman Road
Independence, MO 64050-3434
816.833.0524
800.833.0524

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2026-2027 Undergraduate Catalog



The 2026-2027 Undergraduate Catalog allows you to explore the vast amount of academic programs, financial aid, faculty and leadership, student life and special programs we have to offer here at Graceland University.

Take a moment to look through the catalog pages and see what opportunities lie ahead.

Accreditation

Graceland University is accredited by the Higher Learning Commission, www.hlcommission.org (https://www.hlcommission.org/), 800-621-7440.

The baccalaureate degree program in nursing, the master's degree program in nursing, the Doctor of Nursing Practice program and the post-graduate APRN certificate programs are accredited by the Commission on Collegiate Nursing Education (CCNE), http://www.ccneaccreditation.org/

(http://www.ccneaccreditation.org/), 655 K Street, NW, Suite 750, Washington, DC 20001, (202) 887-6791. The master's and doctoral degrees in nursing have full approval status with the Iowa State Board of Nursing. The baccalaureate degrees in nursing have full approval status with the Iowa State Board of Nursing and Missouri State Board of Nursing.

The Doctor of Physical Therapy Program at Graceland University is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 3030 Potomac Ave., Suite 100, Alexandria, Virginia 22305-3085; telephone: 703-706-3245; email: accreditationsupport@apta.org ("mailto:accreditationsupport@apta.org); website: http://www.capteonline.org (http://www.capteonline.org/).

These academic standards ensure that a degree from Graceland University will be recognized by federal, educational, business and professional communities.

This catalog is an official document of Graceland University, and the programs and policies in it have been approved by the Board of Trustees or its duly authorized agents.

While these programs and policies may be subject to change without notice, the university publishes this catalog with the intention that students can expect reasonable continuity in academic areas.

Changes in other areas — such as cost, campus life, the housing arrangement — occur in an orderly fashion.

State Authorization

Federal law requires institutions of higher education to comply with all state requirements for registration, licensure or authorization to deliver online or distance education to students residing in states other than the home state of the institution. Graceland University is registered by the Iowa College Student Aid Commission to operate in Iowa and to participate in the National Council for State Authorization Reciprocity Agreements. NC-SARA is a voluntary, regional approach to state oversight of postsecondary distance education. In addition to the grievance policy stated in the Student Rights and Code of Conduct section, students may contact the Iowa College Student Aid Commission (Iowa College Aid) at (877) 272-4456 or by using the following URL: https://educate.iowa.gov/higher-ed/student-complaints (https://educate.iowa.gov/higher-ed/student-complaints)

Graceland is approved to operate in Missouri by the Missouri Department of Higher Education.

Graceland University is approved by the Washington State Nursing Care Quality Assurance Commission to provide practice experiences in Washington State for RN to BSN, MSN/FNP, MSN/Nursing Education, MSN/AGACNP, Post Graduate MSN/FNP Certificate and DNP programs. See https://nursing.wa.gov/education/approved-nursing-education-programs (https://nursing.wa.gov/education/approved-nursing-education-programs)

Graceland is approved to operate in Kansas for the Doctorate in Physical Therapy: Kansas Board of Regents, 1000 SW Jackson, Suite 520, Topeka, KS 66612; https://www.kansasregents.gov/ (https://kansasregents.gov/academic_affairs/private_out_of_state/private-and-out-of-state-institutions)

Policy on Non-Discrimination

Graceland University does not discriminate against any student or prospective student on the basis of race, color, religion, age, sex, national origin, disability or sexual orientation. We are a caring community dedicated to the physical, intellectual and spiritual well-being of each individual. Gracelanders join together to create an atmosphere of openness, mutual respect and diversity.

History of Graceland University

Graceland University is a nonsectarian institution of higher education open to students of all faiths that was founded in Lamoni, Iowa, in 1895 by the Reorganized Church of Jesus Christ of Latter Day Saints, now Community of Christ. Graceland University continues its commitment to helping all students find their own path to success by providing a holistic liberal arts education that prepares students for contemporary careers and lifelong learning.

More than a century later, Graceland continues its commitment to providing a solid liberal arts education along with professional preparation to a diverse student population. Today, Graceland students represent more than 40 states and 35 countries and can choose from a variety of academic programs, and over 20 varsity sports.

Graceland began as a high school academy and a two-year college. In 1917 it became Iowa's first accredited junior college. Graceland conferred its first bachelor's degree in 1958 and became a four-year college in 1960.

Graceland College became Graceland University in 2000 and began offering a variety of master-level degrees. It now offers multiple master's degrees, a doctor of nursing practice, and will begin offering a doctor of physical therapy in January of 2024.

Graceland granted its first bachelor's degree in nursing in 1969. Graceland's School of Nursing (SON) is located on the Independence, Missouri campus (founded in 1969) where students can earn undergraduate and graduate degrees in nursing and education, including a Doctor of Nursing Practice. The Graceland SON was among the first in the nation, in 1987, to offer accredited distance education programs.

Today, the Edmund J. Gleazer School of Education provides innovative undergraduate degrees, on-site from both the Lamoni and Independence campuses, which lead to nationally accredited teacher licensure in the state where the student plans to teach.

Graceland's C.H. Sandage School of Business is home to the Sandage Center for the Study of Free Enterprise and Entrepreneurship and Graceland's championship Enactus team, and offers undergraduate degrees in Accounting, Agricultural Business, Business Management, Finance, Marketing, Organizational Leadership, and Sport Management.

The Community of Christ Seminary at Graceland University was founded in 2002 and is based in Independence, MO, though all classes are administered online, with in-person focus sessions. Seminary students can receive a Master of Arts in Religion or a Master of Arts in Peace and Social Transformation.

In the fall of 2022, Graceland began offering a unique second major for all undergraduate students called Transformational Leadership. This unique approach to the liberal arts incorporates general education courses with annual life and leadership courses and strategic skills to prepare Graceland graduates with the skills that employers are seeking. Transformational Leadership is a first-of-its-kind program and gives all students a second major that quantifies marketable skills like communication, teamwork, and leadership.

Vision, Mission, Values

Vision

Graceland University will become a recognized educational leader, inspiring and empowering persons for transformational service and leadership.

Mission

Graceland creates learning communities where students develop their potential for meaningful and productive lives.

Values

Graceland values learning, wholeness, and community. Graceland encourages the development of these values for the enrichment of lives and the betterment of the world.

Learning

We believe in the life long process of the open and free pursuit of truth.

Wholeness

We believe that the development of the intellectual, physical, social, and spiritual dimensions of all persons is necessary for healthy and fulfilling lives.

Community

We appreciate and welcome diversity and, as an institution sponsored by the Community of Christ, believe in the inherent worth of all persons expressed through relationships built on the foundation of unconditional love and acceptance.

Mission of Graceland University

Graceland University educates students for advanced study, for productive careers and for rich lives. Its student body is a targeted, yet diverse group that includes persons of different ages, backgrounds and national origins who share a commitment to learning. Its curriculum, firmly rooted in the liberal arts tradition and enhanced by career-oriented practical experiences, affirms different styles of learning and prepares students to become competent professionals. Its highly qualified faculty excel in teaching and engage in scholarly, creative and professional activities. Together with the administration and staff, they care deeply about students.

Graceland offers a learning environment for the residential as well as the non-residential student that nurtures personal growth. Its challenging academic program stresses the joy of lifelong learning, the rigor of intellectual discipline and the relationship of both to a satisfying professional and personal life. Its size fosters genuine concern for the individual while providing fellowship and a sense of belonging. For the residential student, its rich co-curricular program of interest groups, athletics, student government, residential life and leisure activities provides opportunity to develop interpersonal skills, relationships, creativity and leadership.

Based on the Christian values of human dignity, mutual respect and social responsibility, Graceland University welcomes persons of all faiths. It actively supports the counsel of its sponsoring denomination, the Community of Christ, to "learn by study and by faith" and indeed offers tangible expression of the church's commitment to the open and free pursuit of

knowledge through higher education.

Graceland promotes opportunity, justice and world peace through practical and visionary action.

Institutional Learning Outcomes

Graceland's educational model is designed to lead to five learning outcomes which are critical for students to have the necessary skills and competencies to lead productive lives and be competitively employable in today's work force.

1. Higher-Order Thinking – Learners possess complex thinking skills.
2. Character – Learners positively influence others and work collaboratively.
3. Social Responsibility – Learners value social responsibility and can lead and serve the world.
4. Holistic Well-Being – Learners maintain a balance of dimensions of wellness necessary for productive lives.
5. Digital Citizenship – Learners demonstrate digital literacy for quality of life.

Organization of the Academic Program, Lamoni Campus

Division of Humanities and Visual and Performing Arts
Kimberly Manuel, Chair
Art (Studio & Graphic Design) (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/art/)
Digital Content Creation (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/digital-content-creation/)
English (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/english/)
Performing Arts (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/performing-arts//)
Social Change (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/social-change/)
Sustainability Studies (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sustainability-studies/)

C.H. Sandage School of Business and Division of Social Sciences
Dr. Jeffery McElroy, Chair
Accounting (https://www.graceland.edu/catalog/accounting)
Agricultural Business (https://www.graceland.edu/catalog/agricultural-business)
Business Management (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/business-management/)
Criminal Justice (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/criminal-justice/)
Finance (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/finance/)
Forensic Psychology (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/forensic-psychology/)
History (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/history/)
Marketing (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/marketing/)
Organizational Leadership (https://www.graceland.edu/catalog/organizational-leadership)

Psychology (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/psychology)
Sport Management (https://www.graceland.edu/catalog/sport-management)

Gleazer School of Education
Dr. Tanya Coffelt, Chair
Elementary Education (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/teacher-education/)
Secondary Education (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/teacher-education/)
Combination Education (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/teacher-education/)

Division of Sciences, Math, and Technology
Dr. James Geiselman, Chair
Allied Health (https://www.graceland.edu/catalog/allied-health)
Artificial Intelligence and Data Science (https://www.graceland.edu/catalog/artificial-intelligence-and-data-science)
Biology (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/biology)
Chemistry (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/chemistry)
Computer Science and Information Technology (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/computer-science-and-information-technology/)
Physical Education and Health (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/health-and-physical-education/)

School of Nursing
Dr. Kathleen 'Paco' Cadman, Associate Dean of Nursing, Director, Lamoni Nursing Program
Nursing (https://www.graceland.edu/catalog/nursing-undergraduate)

Organization of the Academic Program, Independence Campus

C.H. Sandage School of Business
Dr. Jeffery McElroy, Chair
Master of Business Administration (https://www.graceland.edu/academics/academic-catalogs/graduate-catalog-home/master-of-business-administration/)
Business Management (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/business-management/)
Organizational Leadership (https://www.graceland.edu/catalog/organizational-leadership)

Gleazer School of Education
Dr. Tanya Coffelt, Chair
Elementary Education (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/teacher-education/)

Health and Movement Science (Graduate)
Dr. Robert Davidson, Director
Master of Science in Nutrition and Human Performance (https://www.graceland.edu/academics/academic-catalogs/graduate-catalog-home/master-of-science-in-nutrition-and-human-performance-program/)

School of Nursing
Dr. Elise Hector, Associate Dean, Undergraduate School of Nursing
Dr. Jeanna Wilcox, Associate Dean, Graduate School of Nursing
Nursing (https://www.graceland.edu/catalog/nursing-undergraduate)
Family Nurse Practitioner (Graduate) (https://www.graceland.edu/academics/academic-catalogs/graduate-catalog-home/postgraduate-family-nurse-practitioner/)
Adult & Gerontology Acute Care Nurse Practitioner (Graduate) (https://www.graceland.edu/academics/academic-catalogs/graduate-catalog-home/postgraduate-adult-gerontology-acute-care-nurse-practitioner/)
Psychiatric Mental Health Nurse Practitioner (Graduate) (https://www.graceland.edu/academics/academic-catalogs/graduate-catalog-home/postgraduate-psychiatric-mental-health-nurse-practitioner/)
Doctor of Nursing Practice (https://www.graceland.edu/academics/academic-catalogs/graduate-catalog-home/doctor-of-nursing-practice/)

Physical Therapy (Graduate)
Dr. Leigh Murray, Director
Doctor of Physical Therapy (https://www.graceland.edu/academics/academic-catalogs/graduate-catalog-home/doctor-of-physical-therapy/)

Community of Christ Seminary
Zac Harmon-McLaughlin, Dean
Religion (Graduate) (https://www.graceland.edu/academics/academic-catalogs/graduate-catalog-home/master-of-arts-in-religion/)
Peace and Social Transformation (Graduate) (https://www.graceland.edu/academics/academic-catalogs/graduate-catalog-home/master-of-arts-in-peace-and-social-transformation/)

Graceland University Educational Sites

Graceland University offers quality educational programs using various course delivery methods to provide opportunities for many students. Students may take Graceland University courses at two campuses and online.

Lamoni Campus

The home campus, located in Lamoni, Iowa, provides education for many full- and part-time residential students, who seek the Bachelor of Arts, Bachelor of Arts Honors, Bachelor of Science, or Bachelor of Science Honors degrees. Courses are available for non-degree-seeking students interested in enrolling for personal enrichment.

Independence Campus
The Graceland University Independence Campus located at 1401 W. Truman Road, Independence, MO, provides on-campus education for students pursuing a Bachelor of Science in Nursing or a Bachelor of Arts in Education. The Independence Campus is also home to online programs which allow students the flexibility to earn an RN to BSN, a Bachelor of Arts in Business Administration, a Master of Business Administration, Master of Science in Nursing, Master of Science in Nutrition and Human Performance, Doctor of Nursing Practice, and a Doctor of Physical Therapy. In addition, a Master of Arts in Religion and Master of Arts in Peace and Social Transformation can be earned online.

In addition to degree programs, Graceland offers courses for personal enrichment at the Lamoni and Independence locations, as well as through the Center for Professional Development and Life-Long Learning, Inc., which includes SkillPath Seminars located in Overland Park, Kansas.

Academic Calendar

Current and Future Sessions

Summer 2026| Fall 2026 | Spring 2027 | Summer 2027 | Fall 2027 | Spring 2028 | Summer 2028



Summer 2026 Academic Calendar

Month	Day	Event
MAY 2026	Mon 4	Summer Session Begins, All Programs
JUNE	Sat 27	Classes End, 8 Week Summer Subsession A (Trimester)
June	Mon 29	Classes Begin, 8 Week Summer Subsession B (Trimester)
AUGUST	Sat 22	Classes End, All Programs

Fall 2026 Academic Calendar

Month	Day	Event
AUGUST 2026	Thurs-Fri 13-14	Fall Faculty Conference
August	Fri 21	New Students Arrive
August	Sun 23	Returning Students Arrive
August	Mon 24	Fall Classes Begin, All Programs
SEPTEMBER	Mon 7	Labor Day - No Classes
OCTOBER	Fri-Sun 2-4	Homecoming
October	Fri 9	Midterm/End of Quarter, Semester Programs
October	Fri 9 (5 p.m.)	Fall Break Begins, Semester Programs
October	Wed 14 (8 a.m.)	Classes Resume, Semester Programs
October	Wed 14	Second Quarter Begins, Semester Programs
October	Sat 17	Classes End, 8 Week Fall Subsession A (Trimester)
October	Mon 19	Classes Begin, 8 Week Fall Subsession B (Trimester)
NOVEMBER	Tues 24 (9 p.m.)	Thanksgiving Recess Begins

Month	Day	Event
November	Mon 30 (8 a.m.)	Classes Resume
DECEMBER	Fri 4	Classes End, Semester Programs
December	Mon-Thurs 7-10	Semester Examinations
December	Sat 12	Commencement - Independence, Missouri
December	Sat 12	Classes End, 8 Week Fall Subsession B (Trimester)
December	Sat 12	Classes End, 16 Week Fall Session (Trimester)

Spring 2027 Academic Calendar

Month	Day	Event
JANUARY 2027	Mon 4	Spring Classes Begin, Trimester Programs
January	Tues 5	Spring Classes Begin, Semester Programs
January	Mon 18	Martin Luther King, Jr Day (No Classes)
FEBRUARY	Mon 22	Midterm/End of Quarter, Semester Programs
February	Tues 23	Second Quarter Begins, Semester Programs
February	Fri 26 (5 p.m.)	Spring Recess Begins, Semester Programs, Trimester Face-2-Face Programs

Month	Day	Event
February	Sat 27	Classes End, 8 Week Spring Subsession A (Trimester)
MARCH	Mon 1	Classes Begin, 8 Week Spring Subsession B (Trimester)
March	Mon 8 (8 a.m.)	Classes Resume, Semester Programs, Trimester SON Face-2-Face Programs
APRIL	Thurs 8	Scholars Showcase, Semester Programs (No Classes 8-5)
April	Mon 19	Classes End, Semester Programs
April	Tues-Fri 20-23	Semester Examinations, Semester Programs
April	Sat 24	Classes End, Trimester Programs
April	Sat 24	Baccalaureate - Lamoni, Iowa
April	Sun 25	Commencement - Lamoni, Iowa
April	Mon-Tues 26-27	Spring Faculty Conference

Summer 2027 Academic Calendar

Month	Day	Event
MAY 2027	Mon 3	Summer Session Begins, All Programs

Month	Day	Event
JUNE	Sat 26	Classes End, 8 Week Summer Subsession A (Trimester)
June	Mon 28	Classes Begin, 8 Week Summer Subsession B (Trimester)
AUGUST	Sat 21	Classes End, All Programs

Fall 2027 Academic Announcements**

Month	Day	Event
AUGUST 2027	Thurs-Fri 12-13	Fall Faculty Conference
August	Fri 20	New Students Arrive
August	Sun 22	Returning Students Arrive
August	Mon 23	Fall Classes Begin, All Programs
SEPTEMBER	Mon 6	Labor Day - No Classes
OCTOBER	Fri-Sun	Homecoming
October	Fri 8	Midterm/End of Quarter, Semester Programs
October	Fri 8 (5 p.m.)	Fall Break Begins, Semester Programs
October	Wed 13 (8 a.m.)	Classes Resume, Semester Programs

Month	Day	Event
October	Wed 13	Second Quarter Begins, Semester Programs
October	Sat 16	Classes End, 8 Week Fall Subsession A (Trimester)
October	Mon 18	Classes Begin, 8 Week Fall Subsession B (Trimester)
NOVEMBER	Tues 23 (9 p.m.)	Thanksgiving Recess Begins
November	Mon 29 (8 a.m.)	Classes Resume
DECEMBER	Fri 3	Classes End, Semester Programs
December	Mon-Thurs 6-9	Semester Examinations
December	Sat 11	Commencement - Independence, Missouri
December	Sat 11	Classes End, 8 Week Fall Subsession B (Trimester)
December	Sat 11	Classes End, 16 Week Fall Session (Trimester)

Spring 2028 Academic Announcements**

Month	Day	Event
JANUARY 2028	Mon 3	Spring Classes Begin, Trimester Programs

Month	Day	Event
January	Tues 4	Spring Classes Begin, Semester Programs
January	Mon 17	Martin Luther King, Jr Day (No Classes)
FEBRUARY	Mon 21	Midterm/End of Quarter, Semester Programs
February	Tues 22	Second Quarter Begins, Semester Programs
February	Fri 25 (5 p.m.)	Spring Recess Begins, Semester Programs, Trimester Face-2-Face Programs
February	Sat 26	Classes End, 8 Week Spring Subsession A (Trimester)
February	Mon 28	Classes Begin, 8 Week Spring Subsession B (Trimester)
MARCH	Mon 6 (8 a.m.)	Classes Resume, Semester Programs, Trimester SON Face-2-Face Programs
APRIL	Thurs 6	Scholars Showcase, Semester Programs (No Classes 8-5)
April	Mon 17	Classes End, Semester Programs
April	Tues-Fri 18-21	Semester Examinations, Semester Programs
April	Sat 22	Classes End, Trimester Programs
April	Sat 22	Baccalaureate - Lamoni, Iowa
April	Sun 23	Commencement - Lamoni, Iowa

Month	Day	Event
April	Mon-Tues 24-25	Spring Faculty Conference

Summer 2028 Academic Announcements**

Month	Day	Event
MAY 2028	Mon 1	Summer Session Begins, All Programs
JUNE	Sat 24	Classes End, 8 Week Summer Subsession A (Trimester)
June	Mon 26	Classes Begin, 8 Week Summer Subsession B (Trimester)
AUGUST	Sat 19	Classes End, All Programs

**Tentative dates subject to final approval by the Board of Trustees.

Undergraduate Admissions



Graceland University does not discriminate against any student or prospective student on the basis of race, color, religion, age, sex, national origin, disability, or sexual orientation. We are a caring community dedicated to the physical, intellectual and spiritual well-being of each individual.

Graceland does reserve the right to deny admission to a student who is deemed unable to adjust successfully to the Graceland environment.

High School Students

A student seeking admission to Graceland from high school must submit:

An application (www.graceland.edu/apply (https://www.graceland.edu/apply)),

An unofficial high school transcript or a self-reported GPA with at least six semesters of work
Graceland may require an unofficial high school transcript on a case-by-case basis

Optional documents include ACT or SAT scores

To be considered for acceptance to Graceland, an applicant must:

Be a high school graduate or have a General Educational Development (GED) high school equivalency certificate/diploma and

Have a unweighted 2.50 grade point average or above.

Students who do not meet the above listed criteria, may request to be accepted through the Alternative Acceptance Procedure.

Please review the Alternative Procedure for Acceptance for more information. If accepted, depending upon a review of high school transcripts, applicants may be required to take developmental courses.

Everyone who applies to Graceland is evaluated individually.

Acceptance of a student will be on a conditional basis until Graceland receives the final official high school transcript. Transcripts must be mailed directly from the school and have the official school seal affixed or transmitted electronically through any certified vendor.

Of the credentials Graceland University evaluates, a student's overall academic record is far the most important.

Graceland does not require a prescribed high school program or number of courses for acceptance. To best prepare for your Graceland academic experience though, we recommend the following high school curriculum:

Four years of English (speech or journalism could be included)

Three years of mathematics (including algebra and advanced algebra)

Three years of social science

Two years of natural science

One year of study in a second language

ACT & SAT Test Scores

ACT & SAT Test Scores are optional for acceptance to Graceland. Graceland will superscore any test scores submitted and only consider the highest section scores amongst all testing dates. Graceland will only review official scores sent directly from testing company.

For athletic eligibility, the ACT/SAT test results must be sent from official test companies. To ensure Graceland University receives your results in a timely manner be sure to enter our school code (ACT = 1314 / SAT = 6249).

Home School & High School Equivalency

To be considered for acceptance to Graceland, a home school applicant must:

Submit an undergraduate application

Submit a valid home school transcript that includes their grade point average.

Homeschool students will be evaluated on the same criteria as students graduating from a traditional high school.

Acceptance of a student will be on a conditional basis until Graceland receives the final official home school transcript. Transcripts must be sent directly from the administrator of the home school program to admissions@graceland.edu

High School Equivalency
Applicants without a high school diploma may qualify for admission by passing the test of HiSET (High School Equivalency Test), General Educational Development (GED), or an equivalent high school equivalency test. [CL4.1]Scores will be evaluated on a case-by-case basis for acceptance.

Students who do not meet the above listed criteria, may request to be accept through the Alternate Acceptance Procedure.

International Students

Applicants from countries outside the United States are considered by the Admissions Office on an individual basis.

In order to be considered for acceptance to Graceland, an applicant most provide the follow official documents containing the listed information:

1. **Show academic proficiency.** Have a grade point average of 2.50 or above based on a 4.00 system.
2. **Competency in the English language.**
   a. **You are required to submit ONE of the following official test scores to demonstrate English proficiency** from TOEFL, IELTS, Duolingo, or Pearson PTE Academic. Minimum test scores are:
      i. TOEFL iBT: 4.0/6.0, no sub-score may be below 3.5 (before January 21, 2026, the minimum score is 67)
      ii. IELTS: 6.0, no sub-score below 5.5
      iii. DuoLingo: 100, no sub-score below 85
      iv. iv. Pearson PTE Academic: 51
   b. **If you completed your secondary school education from one of the following countries,** the English Proficiency score requirement will be waived:
      i. Anguilla, Antigua and Barbuda, Australia, Bahamas, Barbados, Belize, Bermuda, Botswana, British Virgin Islands, Canada (except Quebec), Cayman Islands, Dominica, England, Fiji, Gambia, Ghana, Gibraltar, Grenada, Guyana, Ireland (Northern) Ireland (Republic of), Jamaica, Lesotho, Liberia, Malta, Marshall Islands, Mauritius, Micronesia, Montserrat, Namibia, New Zealand, Nigeria, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Samoa, Scotland, Seychelles, Sierra Leone, Singapore, Solomon Islands, South Africa, Swaziland (Eswatini), Trinidad and Tobago
   c. **If you are transferring from a college or university within the U.S.,** your English Proficiency score requirement will be waived if you completed and passed English Composition 1 and 2 with a grade of C or better. This must be reflected on your unofficial transcripts.
3. **Show Financial Support**

Read more about the admissions process for international students. (https://www.graceland.edu/admissions-aid/international-admissions/)

Transfer Students

Submit the following items

An online application (https://www.graceland.edu/admissions-aid/apply/)

Unofficial high school transcripts (if college work totals less than 24 semester hours)

Unofficial transcripts from all colleges previously attended

Acceptance of a transfer student will be on a conditional basis until Graceland receives all final, official transcripts. Transcripts must be sent directly to Graceland from the school through a secure transcript company or by mail.

Detailed information on transfer credit policies is available in the Registrar's Office or you may click here (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/academic-policies-and-procedures/).

Alternative Procedure for Acceptance

Graceland University has developed standards for acceptance based on commonly used indicators, which reflect a prospective student has been prepared and has the potential to complete college level work at a passing level. These indicators are chosen as they reflect a student's aptitude for certain subjects, commitment to their education, and performance.

The alternate procedure for acceptance is designed to provide a pathway for admission for students who do not meet these standards. This process gathers additional information which may be helpful in determining the readiness of a prospective student, which may not be adequately reflected by the acceptance criteria.

Advisors are to consult with the Executive Director of Admissions when they become aware of a student, for which the alternate procedure may be appropriate for consideration. Additional pieces of information will be requested by the Executive Director of Admissions, or designee, on a case-by-case basis, and usually includes the following:

1. A written one-page essay from the student answering the following questions:
   - What factors have led to your below standard grade point average?
   - What have you done to improve your academic performance?
   - What steps will you take at Graceland to set yourself up for sustainable success academically?
   - How will you utilize support systems available to you on-campus such as professors, tutoring, teammates, friends, etc.?
   - What coping strategies do you utilize when managing stress and anxiety?
   - What are some challenges you anticipate you might face in college? How will you choose to respond to those challenges
2. One letter of recommendation from a high school teacher who will verify your readiness to succeed in college-level writing, reading, comprehension, and overall academic success.
3. One letter of recommendation from an additional reference (non-family) who will verify your character, values, and work ethic. Examples: coach, employer, pastor, band director, choir director, etc:
4. Up-to-date High School transcripts including the most recently completed semester, when possible.

The Admissions Advisor, Coach, or Executive Director of Admissions, will communicate directly with the prospective student, outlining what is requested and a deadline for completion. Once collected, information regarding prospective student athletes will be evaluated by the Athletic Director, or designee, and forwarded to the Executive Director of Admissions, for review and acceptance decision. All other prospective students will be forwarded directly to the Executive Director of Admissions, or their designee.

When a decision has been reached, it will be communicated to the Admissions Advisor/Coach and Enrollment Operations to have the prospective student's record updated to reflect the acceptance decision.

The Admissions Advisor, Coach, the Executive Director of Admissions, or their designee will contact the student to let them know the decision within one week of submission of all requested materials.

Articulation Agreements

Graceland's articulation agreements facilitate credit transfer. To request a course equivalency or for a detailed listing of the following articulation agreements contact the Registrar's Office:

Cottey College, Nevada, MO
Des Moines Area Community College
Eastern Iowa Community College District – Clinton, Muscatine, Scott
Indian Hills Community College
Iowa Central Community College
Iowa Valley Community College District – Ellsworth, Marshalltown, Grinnell
Iowa Western Community College
Johnson County Community College
Kirkwood Community College
Metropolitan Community College-Omaha, NE
Metropolitan Community College District – Kansas City, MO – Blue River, Longview, Maple Wood, Penn Valley
North Central Missouri College, Trenton, MO
North Iowa Area Community College
Northeast Iowa Community College
Northwest Iowa Community College
Southwestern Community College
Western Iowa Tech Community College

Part-time Study

Applicants desiring part-time study for personal interest or to pursue a degree program must meet the same criteria as required for full-time study. As long as study continues every semester, a new application is not necessary.

The **Accelerated College Education Program (ACE)** is designed for high school student who wish to accelerate their college program. Students may enter the program during their 11th and 12th grade years in high school as provided in the **Post Secondary Enrollment Option Act**. High School students planning to participate in (ACE) must meet the following criteria:

- Student must be 16 years of age,
- Student should have a 3.0 grade point average.

Student must also submit the following information to the Admissions Office at Graceland University, 1 University Place, Lamoni, IA 50140:

- An Application: www.graceland.edu/ace-program (https://www.graceland.edu/academics/ace-program/)
- An official copy of their high school transcript,

Two letters of recommendation from their high school guidance counselor, their high school principal, or from a high school English, math, science or history teacher.

For Iowa residents, the cost of tuition and textbooks is paid by the local school district as provided in the PSEO Act. Students receive both high school and college credit for the courses they successfully complete. ACE participants may also take college courses during summer sessions, but they are responsible for paying regular tuition costs and may receive high school credit for these summer courses. Courses are available on campus and via the internet. Applicants participating in the **Tuition Waiver Program for Retired Persons**, if pursuing a degree program, must meet the criteria for full-time admission to the university. Retired persons who are interested only in taking courses for personal interest and improvement do not need to file academic credentials. A $50.00 administration fee is assessed each term.

Applicants pursuing a degree program through regular academic credit in the Continuing Education Program must meet the criteria established for full-time admission. Applications for part-time study in the Continuing Education Program for college credit are made course by course.

Employees of the university, if pursuing a degree program, must meet criteria for full-time admission to the university. All employees taking classes must fill out and submit the Application for Tuition Benefit Form and the Application for Admission for Part-Time Study, which must be signed by their supervisors and submitted to the Director of Human Resources. Employees must also file a Free Application for Federal Student Aid (FAFSA). If employees are Iowa residents their FAFSA must be received by the processor by July 1.

Professional Nursing

An opportunity is provided for registered nurse graduates of state approved diploma or associate degree nursing programs to earn a Bachelor of Science in Nursing degree. Advanced placement may be granted to registered nurses through the Iowa Articulation Program (https://www.graceland.edu/programs/nursing-rn-bsn/)

Admission Requirements for undergraduate nursing programs can be found HERE (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/nursing/)

Admission Requirements for graduate nursing programs can be found HERE (https://www.graceland.edu/academics/academic-catalogs/graduate-catalog-home/master-of-science-in-nursing/)

In addition to Graceland's residential B.S.N. and online R.N. to B.S.N. completion programs in Nursing, the university offers a M.S.N. Family Nurse Practitioner Degree, Adult & Gerontology Acute Care Nurse Practitioner Degree and Post-MSN FNP, Post-NE, and Post-AGACNP programs.

For details, contact the School of Nursing, 1401 West Truman Road, Independence, Missouri 64050-3434 or telephone 1-800-833-0524.

Military Service

Educational programs on the Graceland University campuses are approved for current service members, veterans, and veterans' dependents, who are eligible for benefits under existing laws. Graceland University is a Department of Defense Memorandum of Understanding signatory member and supports the Principles of Excellence. Students eligible for veterans' benefits should contact the Registrar in the F.M. Smith LIbrary on the Lamoni, IA, campus prior to enrollment at the university.

Graceland University:

- Recognizes the GED high school equivalency certificate/diploma;
- Recognizes learning gained from specialized training and experience in the military services;
- Establishes competency by nationally recognized means, such as standardized tests;
- Maintains a flexible transfer of credits policy for the mobile, active-duty service members;
- Publicizes alternative admissions procedures available to service members and waives formal admission procedures for those seeking enrollment in course work for transfer to another institution;
- Conducts a timely evaluation of the educational records and relevant experiences of service members; and
- Completes a degree completion plan for all degree-seeking service members.

College credit for active military service may be requested by any veteran by making application to the Registrar.

Academic Policies & Procedures



Academic Forgiveness

Graceland University enables undergraduate students who have not earned a baccalaureate degree an opportunity for continuing their university education by forgiving past unsatisfactory academic performance.

POLICY

1. After a minimum of five calendar years have elapsed since the requested credits were attempted, and after the student has completed at least 12 semester hours with a grade point average of 2.50 or above, he/she may request that the previous performance be forgiven.

2. One or two sessions may be forgiven. Academic forgiveness does not apply to the Satisfactory Academic Progress requirements in place to maintain eligibility for federal and state student financial aid. However, academic forgiveness may be cited as a mitigating factor in a student's appeal for financial aid probation.
3. Upon approval, all attempted courses for the requested session(s), including courses with grades of A, B, and/or C, are removed from all grade point average calculations and earned hours. However, the courses will remain on the academic record with appropriate notations regarding the academic forgiveness.
4. Forgiven credits may not be used to apply toward graduation requirements.
5. Students, who have been forgiven credits, do not qualify for the Gold Seal for Scholarship upon graduation from Graceland University.
6. A maximum of one request for academic forgiveness will be allowed during a student's enrollment at Graceland University.
7. Academic forgiveness granted at Graceland University may or may not be recognized by other colleges and universities.
8. After approval, a request for academic forgiveness cannot be rescinded.
9. The Curricular Adjustment Committee is responsible for reviewing and acting on the request. The action of the Curricular Adjustment Committee is final.

PROCEDURE

1. Requests for academic forgiveness are made by the student on the Graceland University Academic Forgiveness Request (https://pubdocs.graceland.edu/Registrar/aca-forgive-request.pdf) form, and submitted to the Registrar's Office.
2. The Registrar verifies that the student qualifies for academic forgiveness based on policy guidelines, and forwards the request to the Curricular Adjustment Committee for action.
3. After action is taken by the Curricular Adjustment Committee, the Registrar adjusts the student's record, if appropriate, and informs the student of the action.

Academic Integrity Policy

Academic integrity is a highly valued principle that undergirds all facets of academic life at Graceland University. Adherence to principles of honesty is a requisite for preparing students as competent responsible persons. Students admitted to the university are expected to uphold standards of academic integrity, i.e. the avoidance of fraud, plagiarism and cheating in any form.

1. FRAUD. Fraud is the act of deceit or misrepresentation. The following list describes ways to avoid the most common forms of fraud.

1. Altering, falsifying or misrepresenting an academic document alter or falsify or misrepresent an academic document.
2. Helping someone else alter, falsify or misrepresent an academic document.
3. Communicating false information by any means: oral, written, electronic or nonverbal.
4. Forging a signature.

2. PLAGIARISM. Plagiarism is representing someone else's work as your own. The following list describes ways to avoid the most common forms of plagiarism.
    1. Submit papers that consist substantially of your own work. Do not buy, borrow or use complete, or nearly complete, papers from any source, electronic or otherwise.
    2. Set off all direct quotations within quotation marks or within the text in a block quote form. To fail to indicate direct quotations by one of these two methods is to commit plagiarism even if the failure is accidental and even if you give the source of the quotation. In a speech you must also indicate the beginning, ending and source of all direct quotations to the audience.
    3. If you derive an idea from another source, cite the source unless the idea is common knowledge, that is, unless people familiar with the subject you are discussing are aware of the idea.
    4. Cite the source of paraphrased material and avoid excessive paraphrasing. Too much paraphrasing minimizes your contribution.
    5. Use the citation style required by your professor for attribution.
    6. Do not use your own work from previous papers or projects on a current paper or project without the express permission of your instructor.
3. CHEATING. The following list describes ways to avoid the most common forms of cheating.
    1. **Do not give assistance** to another person, or use unauthorized notes, books, etc., when an examination or assignment is supposed to be your own work.
    2. **Do not receive assistance from** another person, or use unauthorized notes, books, etc., when an examination or assignment is supposed to be your own work.
    3. Do not falsify research results or violate codes for the treatment of human or animal subjects.
    4. Do not violate the policies of proctors, preceptors or supervisors.
    5. Do not use an electronic copy of another person's work as the starting point of your own work without the instructor's permission.
    6. On collaborative works, include the names of all participants on any copies that are submitted for evaluation.

All employees are to comply with and enforce this policy, any questions and concerns should be directed to Academic Affairs. An instructor may assign a grade of "F" for the course in cases of fraud, plagiarism and/or cheating. When an "F" grade is assigned, the student may not drop the course. All cases of fraud, plagiarism and/or cheating will be reported to the respective dean or department chair, Program Director and the Vice President for Academic Affairs/Dean of

Faculty (VPAA). The VPAA may impose additional consequences including sanctions or dismissal from a program or from Graceland University. The student may appeal the imposition of sanctions by the VPAA to the President.

Exceptions to Academic Policy

Purpose: To delineate responsibility for approving exceptions to established academic policy.

1. Policy
    1. Academic policies are designed to provide consistency in, and uphold the integrity of Graceland University's academic programs.
    2. Academic policies may be proposed and approved by various schools, divisions, councils, or committees on the Graceland University campus, and are published as appropriate in the Graceland University Catalog and/or in the Graceland University Policies and Procedures. Academic policies include faculty-approved degree, general education, major, minor, and program requirements.
    3. Requests for exceptions to undergraduate academic policies regarding major, minor and program requirements are reviewed and acted upon by the appropriate school, or divisions. Requests for all other academic policies are reviewed and acted upon by the Curricular Adjustment Committee. Appeals may be made to the appropriate Deans Council.
    4. Requests for exceptions to graduate academic policies are reviewed and acted upon by the appropriate school. Appeals may be made to the Graduate Council.
2. Procedure
    1. Students requesting exceptions to academic policies, including exceptions to degree, general education, major, minor, and program requirements, use the Student Petition (https://pubdocs.graceland.edu/Registrar/StdPetFrm.pdf) form to communicate the exception requested and rationale for the request to the appropriate committee or council.
    2. Recommendations with rationale from the student's academic advisor and the appropriate academic department, division, or school must be included on the Student Petition form.
    3. After the action is taken, the decision-making body will submit the form to the Registrar's Office which will notify the student of the decision.

Academic Standings

Students' academic standings are determined at the end of each major semester/trimester, or at the time transfer work is recorded or grade changes are processed. Students' cumulative GPAs determine one of the following academic

standards: (1) Good Standing; (2) Probation; (3) Continued Probation; and (4) Academic Dismissal. Academic Dismissal is imposed only at the end of a major semester/trimester on any student enrolled for eight or more semester hours.

Good Standing: To be considered in Good Standing, a student must earn and maintain a cumulative grade point average of 2.00 or better.

Probation: Any student who fails to earn a 2.00 cumulative grade point average will be placed on Probation.

Return to Good Standing: Students will be removed from Probation/Continued Probation and returned to Good Standing if they achieve the required 2.00 cumulative GPA.

Continued Probation: Students who have been on probation for a semester/trimester, and do not achieve the required 2.00 cumulative grade point average, will be placed on Continued Probation if they earn at least a 2.25 GPA for the current semester/trimester.

Academic Dismissal: Students who fail to achieve the required 2.00 cumulative grade point average to be removed from probation or do not earn at least the 2.25 GPA for the current semester/trimester will be academically dismissed. Students who fail to achieve above a 1.0 cumulative grade point average for any semester will be academically dismissed.

A student placed on probation or continued probation:

1. Must meet with an academic success coach weekly,
2. Create and follow an academic success plan with supervision from academic success coach, and
3. Students that are in non-compliance could be dismissed at any point during the semester.

Previous deficient academic standing will not be held against students who have subsequently achieved good standing.

The academic performance of those enrolled for 7 semester hours or less cannot cause automatic dismissal; i.e., dismissal based on a single semester's/trimester's work. However, their cumulative hours earned, and cumulative GPA will be evaluated on the same basis as those of full-time students and thus may lead to probation or continued probation.

Readmission After Academic Dismissal

A student who has been dismissed may be readmitted only after applying for readmission and being approved by the Curricular Adjustment Committee (CAC). Academic dismissal is for a minimum period of one semester for the first dismissal, two semesters for a second dismissal, and six semesters for a third dismissal. Only extreme circumstances would warrant consideration by the CAC for consideration prior to the minimum period defined above. Summer Session may be considered a semester. Demonstration of academic success will improve

chances for readmission. Print an Application for Readmission (https://pubdocs.graceland.edu/Registrar/application_for_readmission.pdf) here now. The form is also available at the Registrar's Office in F.M. Smith Library.

Any decision by the CAC with regard to this policy is final.

Classification of Students

Classification is determined at the end of each term according to the number of hours of college credit previously completed and total grade point average.

Basis for classification:

- Freshman 0-23 s.h.
- Sophomore 24 s.h.
- Junior 56 s.h. and 112 grade points (2.00 cumulative GPA)
- Senior 88 s.h. and 176 grade points (2.00 cumulative GPA)
- Post Graduate student has earned a baccalaureate degree and is pursuing additional undergraduate course work
- Graduate student has been admitted to one of Graceland's graduate programs

Center for Graduate & Continuing Studies Online Courses

Permission may be granted for Lamoni and Independence Campus students to enroll in Center for Graduate and Continuing Studies (CGCS) online courses when irresolvable scheduling conflicts exist, verified by the advisor, which preclude enrollment in a regularly scheduled class. The hours will be billed as residential campus hours and may count toward the student's on-campus load.

The following procedure applies to CGCS online courses:

1. A completed Application for Enrollment in Arranged or CGCS Online Courses (https://pubdocs.graceland.edu/Registrar/ArrangedOnlineCourseApp.pdf) is submitted by the student to the Division Chair or Dean of the School responsible for the proposed course. The student must provide rationale and evidence of conflict, e.g. 4-year plan, work schedule, etc. for the online course, and signatures from their academic advisor and instructor.
2. The Division Chair or Dean of the School notes the appropriate action and forwards the application to the Registrar. Book orders are placed and charges are applied to the student's account.

3. The student is then subject to CGCS policies for completion of the course (withdrawal policy, participation policy).

Courses by Arrangement

Permission may be granted for arranged courses when irresolvable scheduling conflicts exist, verified by the advisor, which preclude enrollment in a regularly scheduled class. Arranged courses are selected from the courses listed in the current Graceland University Catalog. The grading basis, as indicated in the course description, is followed. If policy allows, students may opt to change letter-graded courses to a pass-fail grading basis. All semester course deadlines apply to arranged courses.

The following procedure applies to arranged courses:

1. A completed Application for Enrollment in Arranged or CGCS Online Course (https://pubdocs.graceland.edu/Registrar/ArrangedOnlineCourseApp.pdf) is submitted by the student to the Division Chair or Dean of the School responsible for the proposed course. The student must provide rationale and evidence of conflict, e.g. 4-year plan, work schedule, etc. for the arranged course, desired grading basis, and signatures from their academic advisor and instructor.
2. The Division Chair or Dean of the School notes the appropriate action and forwards the application to the Registrar.

Credit Hour Definition

A semester hour (s.h.) is the unit of measure used at Graceland University to signify the amount of work that is associated with successful completion of a course.

Awarding semester hour credit is based upon evidence of student achievement. Student performance is measured as it relates to the prescribed learning outcomes of the course.

Graceland University offers courses in a variety of instructional modalities, including:

Face-to-face, blended, and online instruction

3-week, 8-week, and 15-week terms

Regardless of the length of term or the mode of instruction, it is expected that a student who is prepared for college-level work and reasonably motivated to succeed will spend a minimum of 37.5 hours per semester hour credit in course-related activity. This includes actual classroom instruction time, exams (preparing and taking exams), class preparation (e.g. reading and written assignments, project work, etc.), and other class-relevant activities (e.g. lab hours, field trips, etc.).

Traditional face-to-face classes are reasonably expected to meet in a face-to-face environment a minimum of 680 minutes per credit hour, e.g. for a three (3) semester hour course.

41 fifty-minute face to face sessions plus final exam time (semester-based class) or 28 seventy-five-minute face to face sessions plus final exam time (semester-based class).

8 four-hour face to face sessions (8-week subsession in trimester), or 14 three-hour face to face sessions (3-week sessions)

As described above, online classes will meet according to the model described herein, e.g.: spend a minimum of 37.5 hours per semester hour credit in course-related activity. This includes actual classroom instruction time, exams (preparing and taking exams), class preparation (e.g.: reading and written assignments, project work, etc.), and other class-relevant activities (e.g.: lab hours, field trips, etc.). Exceptions to this may be granted by the appropriate Academic Dean.

In order to demonstrate compliance with U.S. Department of Education regulations and standards established by the Higher Learning Commission, all Graceland University instructors will create a good faith estimate of the learning time associated with each course they teach.

Effective with the Spring 2012 terms, the estimates of learning time will be submitted to the Vice President of Institutional Effectiveness and published in a master syllabus to be maintained in the office of the appropriate Dean for all courses offered.

Final Examinations

All classes will meet during final examination week for a meaningful, educational experience, i.e., examination, presentations, discussion, lecture, etc. Scheduled examination times will be published in each course syllabus and the Schedule of Classes.

Students with more than two final examinations on a single day may make rescheduling requests directly to any of the faculty involved, provided that two such exams remain as scheduled. The student must supply his/her course and exam schedule at the time of the request so that the faculty member can verify the conflict and either identify a new exam time or identify another of the instructors willing to reschedule. Travel arrangements are **not** justification for requesting changes in final examination schedules.

Grade Reports

Grade reports are issued to each student enrolled in undergraduate courses at Graceland through My Graceland. Midterm grades are issued to students enrolled in undergraduate courses on the Lamoni campus at the end of the first quarter during the fall and spring semesters but are not calculated into the student's cumulative grade point average. A final grade report of courses is issued by the Registrar to each student at the conclusion of each semester or term of enrollment.

Honors and Awards

Graceland provides a number of vehicles for promoting academic excellence on campus. Students who excel academically may choose to pursue an honors degree that culminates in the preparation of an original thesis or project during the senior year. (See Honors Program (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/honors-program-undergraduate-catalog/) for specific requirements.) Alpha Chi, a national honor society that recognizes and promotes outstanding academic achievement in all areas of study, is open to juniors and seniors who meet eligibility criteria

of the national society and its local chapter. Phi Alpha Theta is an academic honor society whose mission is to promote the study of History through the encouragement of research, good teaching, publication and the exchange of learning and ideas among Historians. Sigma Tau Delta is an international excelled English honor society for students of English who are within the top 30% of their class and have a 3.5 GPA or higher. Omicron Delta Epsilon, one of the world's largest academic honor societies, is an international honor society in the field of Economics. The Pi Eta Chapter of Sigma Theta Tau International Honor Society of Nursing inducts student nurses in recognition of their outstanding scholastic achievement and registered nurses for their contributions to nursing.

Latin honors are awarded at the commencement ceremony to baccalaureate graduates who have maintained distinguished academic records throughout their years at Graceland and who will have met all graduation requirements with their current registrations. Candidates who have been granted special permission to participate in the commencement ceremony because they need to enroll in future sessions to complete all requirements are not awarded Latin Honors at this time. In order to qualify for the following honors, the graduate must have earned at least 56 semester hours at Graceland University recorded on his/her Graceland University permanent record.

1. Cum Laude is awarded to graduates with a Graceland University GPA of 3.50-3.74 and signifies special honor.
2. Magna Cum Laude is awarded to graduates with a Graceland University GPA of 3.75-3.89 and signifies achievement worthy of great honor.
3. Summa Cum Laude is awarded to graduates with a Graceland University GPA of 3.90-4.00 and signifies achievement of the highest order.

Grade point averages as of May 1 are used to calculate graduation honors. Changes in honor designations may occur following submission of final grades, and will be reflected on the graduate's diploma and official academic record.

The Gold Seal for Scholarship is presented at the commencement ceremony to the graduate(s) with a 4.00 cumulative GPA in recognition of the special value placed on academic achievement. The cumulative GPA used for determining Gold Seal recipient(s) is calculated using all credits and grades earned at previous colleges/universities, including all Graceland University course work completed, and course work in which the student is currently enrolled. (Zero credit hour courses are excluded from the Gold Seal calculations.) Those students given special permission to participate without completing graduation requirements, and who have achieved a 4.00 GPA at this point in their program will be recognized at the commencement ceremony but will not receive the Gold Seal for Scholarship until all graduation requirements and GPA qualifications are met.

Each semester, outstanding students who achieve the grade point averages indicated below are recognized by being officially placed on one of three lists of distinction:

1. Dean's List, 3.25-3.64 GPA
2. Honors List, 3.65-3.99 GPA
3. President's List, 4.00 GPA

Students enrolled for 12 or more semester hours may qualify for the Dean's, Honors, or President's List by passing a minimum of 12 semester hours, of which 9 are on a graded basis. (A student enrolled in student teaching is exempt from this latter requirement.) Students enrolled for less than 12 semester hours may also qualify by completing at least six semester hours on a graded basis. Students who have an incomplete grade do not qualify for the Dean's, Honors, or President's Lists.

Honors Contracts

Honors contracts that convert regular class offerings to honors courses should be submitted on the Application for Honors Contract (https://pubdocs.graceland.edu/Registrar/HnrsFrm.pdf) form to the Honors Program (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/honors-program-undergraduate-

catalog/)Director. Honors contracts may be submitted any time during the semester so long as the student's proposal to the Honors Program Director proceeds the end of the term by at least three weeks for each semester hour of credit to be received.

Normal Progress for Graduation

Normal progress refers to a student's progress toward achieving in four years the 120 semester hours and 2.00 grade point average required for graduation. Academic standing and normal progress are not synonymous.

Normal progress is maintained by a student when he/she meets the following criteria:

Semesters Completed	Minimum Semester Hours Earned	Minimum Grade Point Average
1	15	2.00
2	30	2.00
3	45	2.00
4	60	2.00
5	75	2.00
6	90	2.00
7	105	2.00
8	120	2.00

Policy for Individual Study Programs

Individual study programs are self-directed learning experiences designed and carried out by the student with minimal assistance from others. Programs may be proposed for 1-3 s.h. credit as a means of meeting the student's specific educational objectives beyond the regular course offerings. Individual study programs are not normally designed to replace regularly offered courses and are not normally available to freshmen unless ability to perform independently can be demonstrated.

1. 2000 level – a sophomore-level project designed for general exploration.
2. 3000 level – a junior/senior-level project of some significant focus and depth.
3. 4000 level – a senior-level project in a student's major.

Before registering for an individual study program, the study must be described in writing (https://pubdocs.graceland.edu/Registrar/IndStdyFrm.pdf), endorsed by the supervising instructor and approved by the division or school's Committee for Individual Study.

Programs of individual study are to be guided by the following policies:

1. Individual study may appropriately replace free elective hours in a student's program, but will not normally be submitted for general education requirements.
2. A student with a cumulative grade point average below 2.50 will have to petition the Curricular Adjustment Committee for permission to enroll for individual study programs.
3. The number of hours credit and grading policy must be included in the program proposal when it is submitted for division or school approval. Individual studies are available on either a pass/fail or a letter graded basis.
4. Credit hours for individual study projects may range from one to three semester hours.
5. The Individual Study Committee may grant approval for an individual study to satisfy a specific course requirement in the major, subject to the endorsement of the appropriate division or school and/or its delegate representative.
6. The student must meet periodically with the faculty member sponsoring the study program.
7. Freshman may enroll in individual study projects if ability to perform independently can be determined or has been demonstrated.
8. Individual study projects may be undertaken any time during the semester so long as the student's formal proposal to the division or school's Individual Study Committee precedes the end of the term by at least three weeks for each semester hour of credit to be received.
9. Individual study projects will be completed during the term they are begun.

Academic Catalog for Returning Students

Students returning to Graceland University, after interrupting their enrollment for at least one session, will follow the degree requirements as stipulated in the Graceland University Catalog in effect at the time of their return.

Student Load

An average of 30 semester hours per year must be earned if a first-time undergraduate student enrolled in residential educational programs is to graduate in four years. Students enrolled for 12 or more semester hours are considered full-time students, but are required to pay full tuition if enrolled on the Lamoni campus or in the Independence campus nursing program for 10 or more semester hours. Most students register for a study program of 14-15 semester hours.

A full-time student must obtain special permission through the Curricular Adjustment Committee to carry an academic load of less than 12 hours or more than 18 hours. Students officially admitted to the Honors Program may take up to 21 semester hours without petitioning. A student wishing to enroll on a part-time basis (less than 12 semester hours) must apply through the Dean of Admissions.

Study Abroad Program

Graceland recognizes credit for students who participate in study abroad. Initial assistance in proposing study abroad is available from the Coordinator of Study Abroad Programs or the student's academic advisor. In order to study abroad, students must meet the following criteria:

1. Students must have successfully completed at least 2 semesters of coursework at Graceland University before they depart. Students may begin the application process at any time.
2. Students must have a minimum cumulative GPA of 2.80, or a minimum of 3.0 in the 2 semesters prior to studying abroad.

3. Students must obtain approval for studying abroad by submitting a completed Experience Abroad Application Packet (https://pubdocs.graceland.edu/Registrar/StudyAbroadApp.pdf) to the Registrar's Office and be registered in the appropriate Graceland Study Abroad Course prior to departure.

Approval for study abroad programs is obtained through the following procedure:

1. Students will review the catalog from the foreign university they plan to attend, or from the program provider they plan to study through and, using their degree audit sheet, identify classes that would appear to fulfill requirements in their majors, then consult with the appropriate faculty members for determination of course equivalency and any other needed assistance.
2. Three recommended program providers that Graceland works closely with are ISA (www.studiesabroad.com (https://www.studiesabroad.com/)), AIFS (www.AIFS.com (https://www.aifs.com/)), CEA Study Abroad www.ceastudyabroad.com/ (https://www.ceastudyabroad.com/) and Central College Abroad (www.central.edu/study-abroad/ (https://www.central.edu/study-abroad/)).
3. After completing the Experience Abroad Application Packet listing the courses that they plan to take abroad and attaching photo copies of course descriptions and documentation of costs, students will submit the completed Experience Abroad Proposal Form for review, approval and signature to the appropriate faculty members, their advisor, the coordinator of study abroad and financial aid. (The Experience Abroad Application Packet is available in the Registrar's Office and online.)
4. The approved Experience Abroad Application Packet will then be returned to the Registrar's Office for final review. The student will then be registered in the appropriate Study Abroad course. This form is to be used for the evaluation of transfer credit, tuition, registration and recordkeeping, and financial aid. Please see Student Financial Aid – Study Abroad (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/financial-aid/) for more information on financial aid for study abroad. If you have questions concerning application of courses to major, minor or graduation requirements, contact the appropriate faculty member.
5. All undergraduate students studying or interning abroad on approved programs will be charge the non-refundable Study Abroad Enrollment Fee for each semester or summer they are abroad. This fee allows the student to remain enrolled at Graceland University while abroad and allows eligible students to receive federal and state financial aid. The fee also covers advising, technology and administrative expenses, foreign transcript evaluations, foreign internship evaluations, language level evaluation (when necessary) and International SOS coverage. The fee schedule and detailed explanation is available from the Coordinator of Study Abroad Programs.
6. Students studying or interning abroad are encouraged to set up quest access for a parent, guardian, or other trusted person for the duration of their time abroad at https://portal.graceland.edu/pages/ferpa-guest-access (https://portal.graceland.edu/pages/ferpa-guest-access) so that information may be shared as necessary.

Final transcripts for students studying abroad should be mailed directly to the Registrar's Office by the study abroad college/university or program provider. In rare situations where transcripts are issued to the student, the student will deliver the documents directly to the Registrar's Office in a sealed envelope. Certain situations may require a modified procedure which will be defined and approved by both the Registrar and the appropriate faculty member.

Transcripts

No official statement of the record of any student will be released until all fees, dues, loans, fines, and tuition assessed by the university or any department have been settled. The Registrar's Office will issue transcripts as soon as possible upon written request by the person whose record is to be sent. Transcripts should be requested at least two weeks in advance of the date

required. Copies are furnished at a charge of ten dollars each.

Learn more about Requesting Official Transcripts below.

Requesting Official Transcripts

Official transcripts are issued by the Registrar's Office and bear the university seal and Registrar's signature. Official transcripts cannot be processed if the student has any outstanding financial obligations to the university. Enrolled students can obtain an unofficial transcript through MyGraceland (https://portal.graceland.edu/pages/unofficial-transcripts).

ON-LINE

Graceland University has authorized the National Student Clearinghouse (NSC) to provide transcript ordering via the internet. Please log into the NSC secure website (https://tsorder.studentclearinghouse.org/school/ficecode/00186600) for complete transcript ordering instructions.

The site conveniently walks you through placing your order, including delivery options and fees. To ensure confidentiality and to comply with federal regulations when ordering official transcripts, you will be presented with the Consent to Release form. Please print the form, sign and fax, mail, or scan and email it to the Clearinghouse to ensure timely processing of your order. In addition to the convenience of credit card payment, the online service provides email notifications as orders are received and processed by the Registrar's Office. Your card will only be charged after your order has been completed. You can also track your order online using your email address and order number.

The online service is available 24 hours a day, 7 days a week. If you need help or have questions, contact NSC via email at transcripts@studentclearinghouse.org (mailto:transcripts@studentclearinghouse.org), phone 703-742-7791, or fax 703-742-4238. If web connection problems, send email to: service@sch.org (mailto:service@sch.org)

Walk-In Transcript Requests

Walk-in requests for transcripts can be made at the Registrar's Office in the F.M. Smith Library. Office hours are Monday through Friday, 8:00 a.m. to 5:00 p.m.

Students and alumni are required to show photo identification if picking up their transcript. If a transcript is to be released to a third party, written authorization from the student or the alumni is required. Parents can obtain their student's transcript provided they have written authorization from their student.

Advising & Registration

Each student is assigned an academic advisor who is available for help in planning an academic program. **The academic advisor will give advice and information, but the final responsibility for planning a schedule that will meet graduation requirements rests with the student**.

Freshmen may take courses numbered from 1000 to 1999. Sophomores may take courses numbered up to 2999. Juniors and seniors may take courses numbered up to 4999. (Students who have at least a 2.50 college grade point average may enroll in a course(s) one level above their classification; entering freshmen may enroll in sophomore- level courses if their high school GPA is 2.80 or higher).

Juniors and Seniors enrolled in programs on the Lamoni campus may register for classes using the online registration system through "My Graceland" until the first day of classes. Freshmen and Sophomores must first see their academic advisors for registration clearance to use the system. It is strongly recommended that all students meet with their advisors to review their course selection, academic requirements, and graduation plans.

Students who are not in good standing, not making satisfactory progress, or who earned less than a 2.00 grade point average in the previous semester are required to review their schedules with their advisors before enrolling for the next semester.
Beginning the first day of classes, completion of a Change of Registration (Add/Drop) Form (https://pubdocs.graceland.edu/Registrar/ChngReg.pdf), with appropriate approvals is required.

- During the first and second weeks of the session, the advisor's approval is required to drop a course.
- During the first and second weeks of the session, the course instructor's approval and the advisor's approval are required to add a course. Individual instructors may choose to waive their right to require their permission to add a course.
- Beginning the third week until the last day to withdraw from a course, both instructor and advisor approvals are required.

Refunds in courses for which special tuition is charged will be based on the date the change of registration is completed.

Students may add a course during the first 13% of the session with the instructor's consent and may withdraw without penalty from a course during the first 60% of the session. Withdrawing from a course during the first 13% of the session results in a drop. A grade of "WD" is recorded for any course withdraw between 13% and 60% of the session. After 60% of the session, the student is not allowed to withdraw from the course, and will be awarded the appropriate grade in the course.

Deadline dates for adding Individual Study, Arranged Courses, Honors Contracts, and Internships/Practicums follow a modified schedule. Individual Study, Arranged Courses, and Honors Contracts may be added as long as the addition precedes the end of the semester by three weeks for each semester hour of credit. Internships/Practicums may be added at any time during the session, as long as the experience has not started before an approved Internship/Practicum form is submitted to the Registrar.

Graceland students may add a 1-3 hour internship to the fall schedule to allow an internship experience to take place while the student is away from campus over winter break. The student will be allowed to register without the usual petition approval required for exceeding the 18-hour max limit.

Deadlines for adding and/or dropping courses offered in educational programs that are not taught on the normal semester schedule usually differ. Contact the Registrar in the F.M. Smith Library on the Lamoni, IA, campus for this information or view the Academic Calendar (Trimester) (https://portal.graceland.edu/events/all) in MyGraceland.

Athletic Eligibility



Students are eligible to participate in any activity of the university including intercollegiate athletics. For athletic eligibility, the student must also meet the following National Association of Intercollegiate Athletics (NAIA) Eligibility Regulations which apply to all student athletes at all NAIA affiliated institutions of higher learning.

The following regulations apply to new freshman student athletes.

1. Be a graduate of an accredited high school or be accepted as a regular student in good standing as defined by the enrolling institution. An official high school transcript is required to be on file at the participating institution.
2. An entering freshman student can be eligible immediately by achieving an overall high school grade point average of 2.30 or higher on a 4.00 scale.
3. Alternately, an entering freshman student can become eligible by meeting two of the three entry level requirements:
   a. Achieve a minimum score of 18 on the ACT or a score of 970 on the SAT (Evidence-Based Reading and Writing and Math). The test score must be achieved at a single test sitting administered by a certified tester on a National, International or official state assessment testing date to apply to this requirement. The ACT/SAT must be taken prior to the beginning of the term in which the student initially participates.
   b. An overall high school grade point average of 2.00 or higher on a 4.00 scale.

c. Graduate in the upper half of the student's high school graduating class.

Students not meeting the freshman standards shall be denied athletics participation at a member institution for the first full year of attendance.

All student athletes, including freshmen, are subject to the following regulations:

1. Full time status — Students must be identified and enrolled in a minimum of 12 institutional credit hours at the time of participation.
2. Students must have accumulated a minimum of nine institutional credit hours prior to identification for the second term of attendance. Only those hours earned after identification may be applied toward meeting the nine hours for a second term freshman.
3. After completion of the second term of attendance and from then on, students must have accumulated a minimum of 24 institutional credit hours in the two immediately previous terms of attendance. NO MORE THAN 12 institutional credit hours earned during summers and/or during non-terms may be applied to meet the 24 institutional credit hour requirement. Such credit must be earned after one or both of the two immediately previous terms of attendance.
4. The student must be making normal progress toward a recognized baccalaureate degree and maintain the minimum grade point average as defined by the institution and the NAIA. (See Academic Standing (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/academic-policies-and-procedures/).)
5. Upon reaching junior academic standing, as defined by the institution, students must have a cumulative GPA of at least 2.00 on a 4.00 scale. The 2.00 cumulative GPA or higher must be certified each grading period in which the student wishes to compete after junior academic standing is reached.
6. To participate a second season in a sport, all students must have accumulated at least 24 semester/37 quarter institutional credit hours.
7. To participate the third season in a sport, all students must have accumulated at least 48 semester/72 quarter institutional credit hours.
8. To participate the fourth season in a sport, all students must have accumulated at least 72 semester/108 quarter institutional credit hours. In addition, students must have completed 48 semester hours of general education and major requirements to be eligible for the fourth season.
9. To participate in a second, third, and/or fourth season in a sport, all students must have and maintain a total cumulative GPA of at least 2.00 on a 4.00 scale.
10. Repeat courses — Both initial and repeated courses count toward the 24 hour rule when the course was initially passed with a "D" and subsequently passed with a "C" or better. A maximum of one repeat course per term previously passed with a grade of "D" may be counted toward satisfying the 12 hour enrollment rule. Repeat courses previously passed with a grade of "C" or better cannot be applied to meet either the 12 hour enrollment rule or the 24 credit hour rule.

***Whatever the situation, the current NAIA Official Handbook (https://www.naia.org/legislative/official-policy-handbook) contains the details of which each case is determined. For further information regarding eligibility concerns please contact the Graceland University Registrar, Faculty Athletics Representative, or Athletic Director.

Class Attendance

Students are expected to attend classes from the first day of the term and continue to attend each scheduled class meeting, including the final exam period.

In addition, students are expected to be punctual and complete all work whether they are present in class or not.

Excused absences

Making up coursework missed due to excused absences should be negotiated between the instructor and the student, and it is the student's responsibility to initiate the discussion.

Excused absences include the following:

The student has contacted the faculty member prior to the absence due to a University sponsored activity.

The student has contacted the faculty member prior to the absence and the faculty member concurs that the absence is unavoidable and legitimate.

For Lamoni students, the Dean of Students (or faculty member) determines that the student has missed classes/assignments due to factors beyond the student's control (i.e. illness, family misfortune, etc.) and the faculty member concurs.

For non-Lamoni students, the faculty member makes the determination and, when appropriate, the Dean of School, or his or her designate, concurs that the absence was unavoidable and legitimate.

All other absences are considered unexcused, including absences caused by early departures for breaks or late arrivals after breaks and absences due to athletic practices, workout sessions or meetings. In the case of an unexcused absence, the instructor is not obligated to provide an opportunity for making up coursework for credit and may levy additional penalties depending on the individual course policy.

In special situations, a course instructor or club/program advisor may also request for a student to be excused from another course or from an athletic practice so that the student can participate in an important educational activity. Excused absences from athletic practice will not result in penalties, e.g. loss of playing time, for the player.

Administrative Course Withdrawal

1. Classroom Courses. To validate enrollment in a seated course, students must attend at least one class session during the first week. Federal financial aid regulations require the institution to document that each student began attendance in all classes that contributed to the enrollment status of each student. Students with only recorded unexcused absences for the two weeks of any course will may be administratively dropped from the course unless the student has received special permission from the professor, the Dean of Students, and coach, if applicable. The Program Consultant or the Registrar's Office will contact students to determine intentions. Students with unexcused absences totaling more than 25% of the class meetings for the term may receive an F grade at the instructor's discretion.
2. Online Courses. Students not participating in an online course before the census date (last day to add/drop a course) may be administratively withdrawn with or without grade penalty.

A student enrolled in any online course who does not begin completion of course assignments during the first week of the course, without prior arrangement with instructor, will be administratively withdrawn from the course. The last date of attendance will be set for the day before the first day of the session/subsession. The Program Consultant or the Registrar's Office will contact students to determine intentions.

Students enrolled in any online course must demonstrate an ongoing presence in their online course. If a student, who has been previously participating in course assignments, ceases all participation for two consecutive weeks (without arrangements between student and instructor), that student will be administratively withdrawn. The Program Consultant or the Registrar's Office will contact the student to determine intentions.

Credit for Extra-Institutional Learning



Extra-institutional learning related to subject areas, courses, and programs of study is evaluated for students registered at Graceland University. Extra-institutional learning is defined as learning that is attained outside the sponsorship of legally authorized and accredited postsecondary education institutions. The term applies to learning acquired from work and life experiences, independent reading and study, the mass media, and participation in formal courses sponsored by associations, business, government, industry, the military and unions. Established institutional evaluation procedures are followed, using one or more of the authorized publications and methods for effecting assessment. Questions concerning extra-institutional learning credit should be directed to the Registrar's Office in the F.M. Smith Library.

Types of Extra-Institutional Credit

Advanced Placement Tests
College Level Examination Program (CLEP)
Excelsior
Experiential Learning Credit

International Baccalaureate Diploma
Language Placement Examination
Proficiency Exams

Advanced Placement Tests

Graceland participates with the College Entrance Examination Board (CEEB) in its Advanced Placement Program. Credit will be granted to students who score a 3, 4, or 5 as recommended by the American Council on Education. The amount of credit granted will be the same as the Graceland corresponding course, but will not exceed 8 semester hours for any one course.

A student who scores a 3 will be granted credit for a one-semester course or the first half of a one-year course. He/she will be permitted to enroll in a year long course at the beginning of the second semester. Scores of a 4 or 5 may merit credit in a one-year course.

The Advanced Placement credit listing can be found in PDF format here (https://pubdocs.graceland.edu/Registrar/ADVPLAC.pdf).

College Level Examination Program (CLEP)

CLEP exams may be taken either before or during enrollment at the university. CLEP exams are designed to award university credit to those students who have met a satisfactory level of proficiency in a subject area without having had formal college classwork. Recommendations for credit made by the American Council on Education are followed.

A list of examinations acceptable for credit is available at the Office of the Registrar in the F.M. Smith Library or you may view the Credit Allowed List in PDF format here (https://pubdocs.graceland.edu/Registrar/CLEPINFO.pdf).

If you are interested in earning credit through CLEP and want to learn more about it, the Registrar suggests the following website: https://www.collegeboard.com/student/testing/clep/about.html (https://www.collegeboard.com/student/testing/clep/about.html)

Excelsior

The School of Nursing utilizes the Excelsior program as an option to enable qualified Registered Nurses to earn credit towards the Bachelor of Science in Nursing degree.

Credit may also be awarded for other courses through the successful completion of Excelsior examinations. A listing of acceptable examinations is available from the Registrar in the F.M. Smith Library.

Experiential Learning Credit

Graceland University may award up to 30 semester hours of undergraduate credit for college-level learning that has occurred from prior work and life experiences. Prior learning is evaluated by appropriate department faculty for degree-seeking students who have been admitted to the university. Experiential learning credit cannot substitute for an internship or a

practicum. An internship/practicum is a unique and specific learning experience requiring planning and preparation ahead of the internship/practicum experience. Students are assessed a nonrefundable evaluation fee and a recording fee for each credit hour recorded.

Students requesting experiential learning credit must submit, at least one year prior to graduation, a completed Request for Experiential Learning Credit (https://pubdocs.graceland.edu/Registrar/ExpLrnCrd.pdf) form for each course and supporting documentation that verifies learning. Credit is generally awarded for learning that:

1. will apply toward the student's undergraduate degree program;
2. is measurable;
3. demonstrates a level of achievement defined by department faculty, i.e., course objectives are understood at the same level of understanding achieved through enrollment in the course;
4. has a knowledge base; and
5. is conceptual as well as practical.

Credit awarded to students is recorded on the academic record as experiential learning credit with a grade of "P" (Pass) after payment of the recording fee has been made.

International Baccalaureate (IB) Diploma

Graceland University recognizes the IB Program and awards college credit for the successful completion of the International Baccalaureate (IB) Diploma. Students who have completed the diploma, as evidenced by an official IB transcript, will receive 30 semester hours of credit toward graduation. Course equivalency will be granted in consultation with the faculty of the appropriate academic division or school. Students who have not completed the diploma, but have scored a 4, 5, 6, or 7 on the higher level examination, can receive up to 6 s.h. of credit in the subject area. Those who score a 5, 6, or 7 on the subsidiary level examination, can receive up to 3 s.h. of credit in the subject area. Credit for individual exams will be granted on a course-by-course basis in consultation with the faculty of the appropriate academic division or school.

Language Placement Examinations

All students who have had high school or non-academic experience with a foreign language and who wish to enroll in courses in this language at Graceland must take the Language Placement Examination. It is given on campus during orientation. Examinations are presently offered for Spanish. The results of the examination will determine the placement of students in the proper language course level: beginning, intermediate, or advanced. Those students who place in the intermediate or higher classes will have met Goal 4 for general education.

Proficiency Exams

There are many courses in which proficiency exams may be given. These exams provide an opportunity for students to receive credit in areas where previous experience or study has given them an understanding of the course material.

To initiate a request for a proficiency exam (https://pubdocs.graceland.edu/Registrar/ProfExamApp.pdf), the student will first get the approval of the instructor of the course. The application will then be presented for division or school approval.

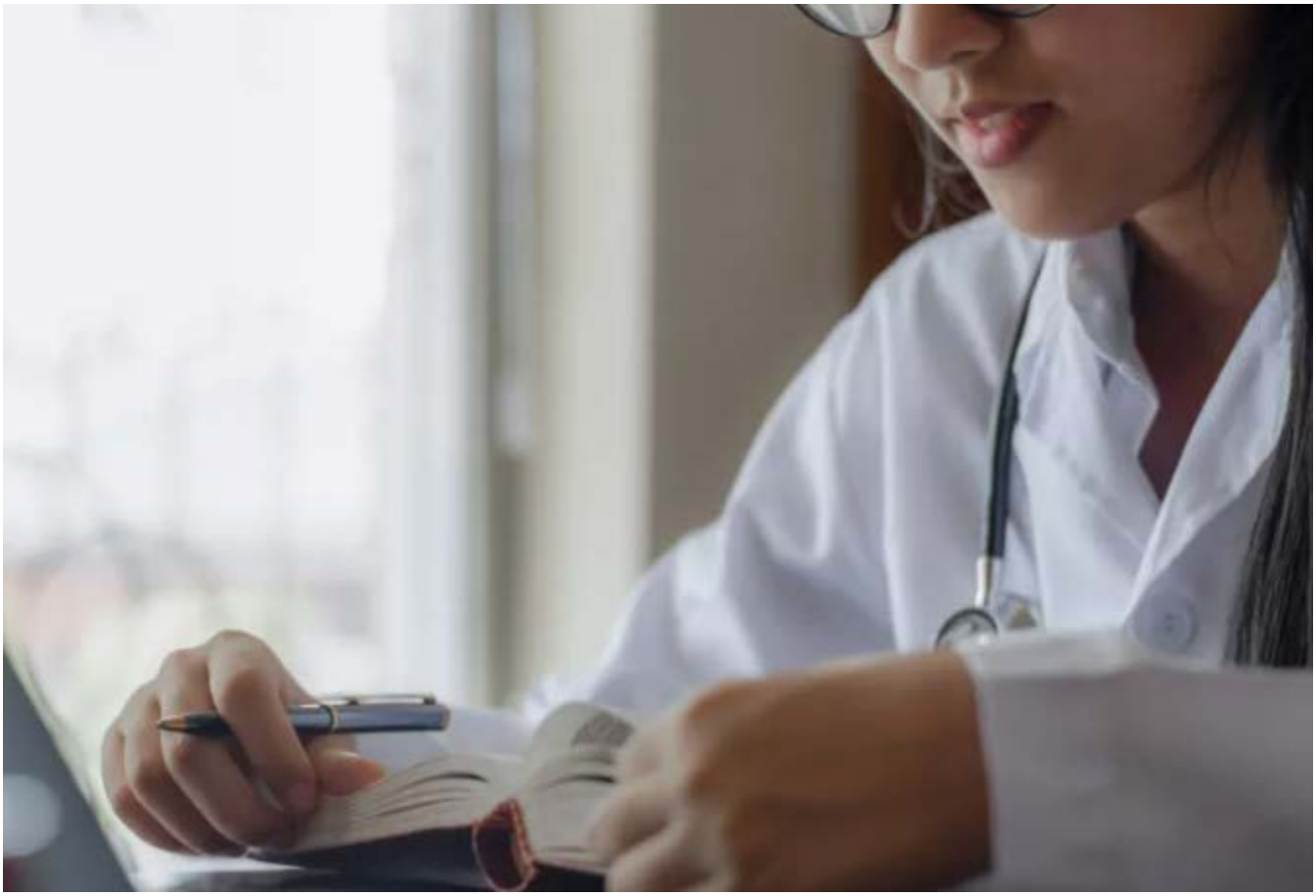
A list of courses acceptable for proficiency examinations will be prepared by and available from each division or school.

Such examinations are subject to the following limitations:

1. They may be taken only by persons who have matriculated at Graceland.
2. They may not be taken by students who have already received credit for the specific course or equivalent.
3. They may be taken only if the credit earned applies toward graduation.
4. They may not be taken to raise grades or to remove failures in courses.
5. They may be taken only once for a given course.
6. They may not be taken by a student during the final term before graduation.
7. They may not be counted as residence work.

The grade given on the examinations is either "credit," "waiver" (meets course requirement but carries no credit), or "no-entry."

Release of Information



In accordance with the Family Educational Rights and Privacy Act, academic information about a student is not released unless written authorization is given by the student. However, the university may use its discretion to release directory information unless the student specifically requests otherwise. The following is designated as directory information: name, local and home address, local and home telephone number, email address, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards earned, most recent previous school attended, and photograph.

The complete policy on Privacy, Disclosure, and Access to Student Records is available below.

Graceland University Policy and Procedure

SUBJECT: Privacy, Disclosure and Access to Student Records (FERPA).

RATIONALE: To comply with the Federal Educational Rights and Privacy Act (FERPA), and to delineate Graceland University's (Graceland) policy for disclosure of, and access to, Education Records.

POLICY:

Graceland University (Graceland) abides by the terms and conditions of the Section 99.7 of the Family Education Rights and Privacy Act (FERPA) regulations, which are published annually in Graceland student handbooks. Students also receive an email from the Registrar. To the extent any provisions of this policy conflict with, or are inconsistent with FERPA, FERPA

provisions shall apply. FERPA grants university students the right to inspect, to challenge and, to a degree, control information contained in educational records or printed in university directories, etc.

Access of Education Records

Student's inspection of education records: Students may inspect and review their education records upon request to the appropriate record custodian (see Supplemental Information below for a listing of record custodians). Students may be required to complete a written request identifying as precisely as possible the record or records he or she wishes to inspect. The record custodian will make the needed arrangements for access as promptly as possible and notify the student of the time and place where the records may be inspected. Graceland will provide the copy as expeditiously as possible, but no later than 45 days from the receipt of the request. When a record contains information about more than one student, the student may inspect and review only the records which relate to him/her. If multiple students are referenced within a record, the record custodian will redact names and any identifying phrases.

Right of refusal to inspect records: Graceland reserves the right to refuse to permit a student to inspect the following records:

The financial statement of the student's parents.

Letters and statements of recommendation for which the student has waived his or her right of access, or which were placed in file before January 1, 1975.

Records connected with an application to attend Graceland if the application was denied.

Those records which are excluded from the FERPA definition of educational records.

Right to deny transcripts and copies of records: Graceland reserves the right to deny transcripts or copies of records not required to be made available by the FERPA in any of the following situations:

Any term for which a student receiving federal aid has an unpaid or delinquent balance

There is an unresolved disciplinary action against the student.

Fee for copies: The standard fee for copies will apply for any records made available in accordance with this policy.

Disclosure of Education Records

Directory Information may be disclosed without prior consent of the student unless Graceland is notified in writing. Students can change their opt-out status at any time and it remains in effect until the student changes it.

Graceland will disclose information from a student's educational records only with written consent of the student, except the following:

To Graceland officials who have a legitimate educational interest in the records. A Graceland official has a legitimate educational interest if the official is performing a task:

1. Specified in his or her position description or by a third-party contract agreement.
2. Related to the student's education.
3. Related to the discipline of a student.

To officials of another school, upon request, in which the student seeks or intends to enroll.

To certain officials of the U.S. Department of Education, the Comptroller General, and state and local educational authorities, in connection with certain state or federally supported education programs.

In connection with a student's request for or receipt of financial aid, as necessary to determine the eligibility, amount or conditions of the financial aid, or to enforce the terms and conditions of the aid.

If required by a state law requiring disclosure that was adopted before November 19, 1974.

To organizations conducting certain studies for or on behalf of Graceland.

To accrediting organizations to carry out their functions.

To parents of a student, if the student is currently claimed as a dependent Federal income tax return and is verified by Student Financial Services.

To comply with a judicial order or a lawfully issued subpoena. Graceland must make a "reasonable effort" to serve the subpoena unless the subpoena forbids notification or involves a criminal matter

To appropriate parties in a health or safety emergency.

To an alleged victim of any crime of violence: the results of any Graceland disciplinary proceeding against the alleged perpetrator of that crime with respect to that crime.

Record of requests for disclosure: Graceland will maintain a record of all requests for and/or disclosure of non-Directory Information from a student's education records, other than a Graceland official with a legitimate educational interest. The record will indicate the name of the party making the request, any additional party to whom it may be redisclosed, and the legitimate interest the party had in requesting or obtaining the information. The record may be reviewed by the student, and/or parents of the student if the parents claim the student as a dependent for income tax purposes.

Correction of Education Records

Student's right to request correction of records: Students have the right to request corrections of their own Education Records they believe are inaccurate, misleading, or in violation of their privacy rights. Following are the procedures for the correction of records:

A student's request to amend a record must be directed to the designated record custodian (see the record custodian listing below). The student must identify the part of the Education Record to be changed and specify why the information is inaccurate, misleading or in violation of the student's privacy or other rights. If the record custodian agrees with the request, the Education Record will be changed.

If the record custodian believes that the information presented does not merit a change, the student will be notified of that decision and advised of the hearing process. If a hearing is requested the following steps will be followed:

1. 1. A written request for a hearing must be submitted by the student to the record custodian who will arrange for a hearing and notify the student in a timely manner of the date, place and time of the hearing.
2. 2. The hearing will be conducted by an unbiased hearing officer who may be an official of Graceland. The student will be afforded a full and fair opportunity to present evidence relevant to the issues raised in the original request to amend the student's education records. The student may be assisted by one or more individuals, including an attorney.
3. 3. The hearing officer will prepare a written decision based solely on the evidence presented at the hearing. The documentation will include a summary of the evidence presented and the reasons for the decision. If the hearing officer decides that the information contested is inaccurate, misleading or in violation of the student's right of privacy, the record will be changed.
4. If the hearing officer decides that the information contested is inaccurate, misleading or in violation of the student's right of privacy, the record will be changed.
5. 4. If the hearing officer decides that the information contested is not inaccurate, misleading or in violation of the student's right of privacy, the record will not be changed. The student will then be notified of his or her right to place a statement in the record commenting on the challenged information and/or a statement setting forth reasons for disagreeing with the

decision. The statement will be maintained as part of the student's education records as long as the contested portion is maintained. If Graceland discloses the contested portion of the record, it must also disclose the student's statement.

DEFINITIONS:

Directory Information: Graceland designates the following as directory information: name, local and home address, local and home telephone number, e-mail address, major field of study, class level, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards earned, most recent previous school attended, and photograph. Graceland may disclose any of the above directory information without prior consent, unless notified in writing. Students can change their opt-out status at any time and it remains in effect until the student changes it. This notification should be delivered to the Registrar's office.

Education Records: Any record (in handwriting, print, film, tapes, video, or other medium) maintained by Graceland or an agent of Graceland, which is directly related to a student, except the following:

A personal record in any form (including paper, electronic mail, and voice mail forms) kept by a non-faculty staff member if it is kept in the sole possession of the maker of the record and is not accessible or revealed to any other person except a temporary substitute or permanent replacement for the maker of the record;

An employment record of a student whose employment is not contingent on the fact that he or she is a student, provided the record is used only in relation to the student's employment;

Records maintained by Health Services if the records are used only for treatment of a student and made available only to those persons providing the treatment;

Alumni records which contain information about a student after he or she is no longer in attendance at the University and which do not relate to the person as a student.

Graceland Official: A person employed by the University in an administrative, supervisory, academic or research, support staff or student worker position; person elected to the Board of Trustees; a person employed by or retained by Graceland to perform a special task, such as an attorney or auditor; employees or students appointed to official Graceland committees.

Types of Data	**Record Custodian**
Admissions Records before and following enrollment for all programs on both campuses	Vice President for Admissions
Placement Records	N/A
Cumulative Academic Records	Registrar
Discipline Records	Vice President for Student Life, Dean of Students
Employment Records for Students	Chief Human Resources Officer
Financial Records for Students	Director of Student Financial Services
Health Records for Student Athletes	Director of Athletic Training
Health Records for Students in the nursing program.	Dean, School of Nursing

Health Records for Students in Independence education.	Chair, Education Department
Health Records for Students in the DPT program.	Director, DPT Program
Progress Records, courses in progress	Course Instructor
Progress Records, degree in progress	Registrar
Other Records	The appropriate official will collect such records, direct the student to their location, or otherwise make them available for inspection and review.

Undergraduate Satisfactory Academic Progress



In order to be eligible to receive Title IV federal aid, a student must be making satisfactory academic progress. Please note that satisfactory academic progress may be different from good standing, academic probation, or academic dismissal.

The Graceland University satisfactory academic progress standards for financial aid apply to all students who want to establish or maintain financial aid eligibility. The standards apply to a student's entire academic record whether or not the student received financial aid for previous terms of enrollment.

*Satisfactory Academic Progress for Graduate Students is defined differently. (See Satisfactory Academic Progress for Graduate Students (https://www.graceland.edu/academics/academic-catalogs/graduate-catalog-home/satisfactory-academic-progress/))

Eligibility and Evaluation

To qualify for financial aid, undergraduate students must progress according to the following standards. All financial aid recipients will be evaluated by two measurements; quantitative and qualitative. All Undergraduate students must meet or exceed the minimum requirements for both measurements in order to remain eligible for financial aid.

The quantitative measurement is the pace in which it will take the student to complete their program. All students must obtain a 67% pace of completion or higher. The pace of completion standard is determined by the scheduled length of completion for an undergraduate student (120 s.h.) divided by the maximum timeframe (180 s.h.) of 150% defined by the Department of Education. The pace of completion is calculated for each student by taking total credits earned (successfully completed with passing grades) divided by the total credits attempted. (Please see the section below Attempted Credits for clarification of what credits are considered attempted.) A student will become ineligible to receive financial aid once it becomes evident that the student is unable to complete the program requirements without exceeding the maximum timeframe rather than waiting until they have exceeded the maximum timeframe.

The qualitative measurement is the cumulative GPA of the student during their enrollment at Graceland. GPA standards are set at a 2.0 cumulative GPA at each evaluation period. (For information on how GPA is figured refer to System of Grading) (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/academic-policies-and-procedures/system-of-grading/)

The academic progress of financial aid recipients will be evaluated at the end of each payment period (semester or trimester).

Attempted Credits

Attempted credits include the following: successfully completed courses, non-passing credits (including F's, withdrawals, incompletes, and audit grades), repeated courses, and transfer credits. Transfer credits refer to all credits accepted by Graceland (for more information in regards to accepted transfer credits refer to the General Transfer Credit Policy) (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/academic-policies-and-procedures/).

If a student is not meeting the minimum requirements for Satisfactory Academic Progress they will be notified by email from their Student Financial Services Advisor that they are not meeting SAP.

Developmental Studies (Remedial Coursework): Undergraduate students may receive financial aid for a maximum of 30 semester hours of developmental coursework as long as the courses are required as a result of placement testing, the student is in an eligible program of study, and SAP requirements continue to be met. Developmental Studies are figured in the total of completed and attempted hours as well as part of the student's cumulative GPA.

Academic Forgiveness: In the event that a student has been granted Academic Forgiveness, this does not exclude their previous academic record when calculating hours completed, hours earned, or cumulative GPA as it pertains to satisfactory academic progress.

Financial Aid Warning Period

An undergraduate student may receive financial aid for one semester while on Financial Aid Warning and no appeal is necessary. The Financial Aid Warning period will be the semester that directly follows the evaluation period where a student is not meeting the satisfactory academic progress standards. Students who have been accepted to return after an Academic Dismissal will be given one semester of Financial Aid Warning on their return. It is possible for a student to receive more than one Financial Aid Warning Period during their academic career as long as they are not consecutive with another Financial Aid Warning Period or directly following a Financial Aid Probation Period. If the student does not meet all of the satisfactory academic progress standards at the end of the Financial Aid Warning Period, the student will lose their eligibility until they have appealed and been approved for Financial Aid Probation.

If a student is being allowed to continue to receive financial aid during a Financial Aid Warning Period, the student will be notified by email from their Financial Advisor.

Financial Aid Appeal

If a student is no longer eligible to receive financial aid and must appeal due to not meeting the satisfactory academic progress standards, the student will be notified by email from their Financial Advisor that they must complete a SAP Appeal and be approved in order to be granted a Financial Aid Probation period.

Appeals for Financial Aid Probation must be submitted in writing or by email to their Financial Advisor, no later than two weeks from receipt of the Advising Form. The appeal must contain the following information:

1. A statement by the student that outlines the circumstances that the student believes contributed to their lack of academic progress.
2. The steps that the student plans to make to remedy their current academic situation.
3. An Advising Form will be emailed to the student. This form will outline the progress required to regain SAP eligibility. The student will sign and return this form.
4. For undergraduate juniors and seniors, a semester by semester plan of the classes the student will take in order to graduate within the standards of satisfactory academic progress.

A student may be placed on Financial Aid Probation if a SAP Appeal has been approved by Student Financial Services. Financial Aid Probation allows a student to receive financial aid for one payment period. A student can only receive financial aid for a subsequent payment period if that student is now making SAP. It is possible for a student to receive more than one Financial Aid Probation during their academic career as long as they are not consecutive with another Financial Aid Probation. Financial Aid probation typically is only for one payment period. On a case-by-case basis, the student's academic plan could be approved to extend longer in order for the student to regain SAP eligibility.

After a student's SAP Appeal has been reviewed, the student will be contacted by the Student Financial Services Office Manager and explained the outcome of their appeal. The Office Manager will explain if the student is being granted a Financial Aid Probation and/or what the student needs to do moving forward to meet the satisfactory academic progress standards.

System of Grading



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System of Grading

There is an enormous difference between the learning of the best and poorest college student. In assigning grades, this difference is indicated by five groupings, one letter grade being assigned to each group. It is obvious that wide differences may still exist between the learning of two students who receive the same grade in the same course.

A letter grade is, therefore, to be thought of as a rough index of a quality of learning rather than as an accurate and exact measure of learning.

The marks used at Graceland University to indicate grades and the grade points for each semester hour of credit are as follows:

A – 4 grade points. Thorough mastery of subject, and disposition and ability to apply it to complex and unfamiliar situations.

B – 3 grade points. Demonstrated competence in subject matter mastery and clearly above-average ability to handle familiar to somewhat complex problems in the field.

C – 2 grade points. Effective learning and the development of the skill necessary to handle the familiar and less complex problems in the field.

D – 1 grade point. Limited ability to see relationships and to make applications except as specifically directed. **Lowest passing grade for admission to the next dependent course.**

F – No grade points. Course must be repeated for admission to dependent course(s).

P – Pass, C or better.

I – Incomplete, no grade points. Minimum course requirements unfinished for reasons acceptable to the instructor. Incomplete grades must be initiated by the student. An "Incomplete Grade Contract", signed by the student and the instructor, is required before an Incomplete can be recorded. Grade given at the discretion of the instructor at completion of the work (see Removal of Incompletes (https://www.graceland.edu/catalog/system-of-grading#INCOM)).
In-Progress, no grade points.

NP – No Pass, no grade points. Course must be repeated for admission to dependent course(s).

NR – Not Recorded, no grade points.

W or WD – Withdrawn from the course at a specified date.

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Auditing of Courses

A student who wishes to audit courses must obtain the permission of the instructor of the class that he/she wishes to audit and must register in the regular manner. An audit fee of one-half the per semester hour rate is charged if the student is enrolled for less than 10 semester hours. Auditors' names will appear in the records and will be designated as "Auditors," and no credit will be conferred. A student must meet minimal expectations for an audit as defined by the instructor of a particular course in order to fulfill the requirements of the audit and have the course included on the transcript. An audited course is considered a part of the regular class load and may be carried as an overload only by petition. Studio and laboratory type courses cannot be audited.

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Changing a Course Grade

University policy allows a grade to be changed by the instructor if the instructor has a legitimate reason to change the grade. Reasons for changing a course grade include, but are not limited to, an error in determining the letter grade, an error in recording the letter grade, and evidence of violation of academic integrity. Instructors may not change a grade after it has been submitted to the Registrar by allowing the student to do additional work after the session has ended, unless the grade submitted was an incomplete.

When a grade is changed, the instructor will notify the student in writing of the grade change and the justification for changing the grade. The instructor will notify the student of their right to appeal the revised grade. A student has 30 days after a grade change to appeal by following the same policy and procedure for appealing a final course grade.

The deadline for changing a grade is 120 days after the grade has been officially recorded. The "Change of Grade Form" is completed and submitted to the Registrar's Office to change a grade.

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Courses Repeated

A student may repeat a course for credit. If a course is repeated, the last grade earned will be the one to compute the cumulative grade point average. The original grade remains on the student's permanent record with an indication that the student has repeated the course.

Students are advised to carefully consider the impact on financial aid and athletic eligibility when repeating grades of "D" or higher. A course repeated counts once toward graduation. The Gold Seal for Scholarship, which is awarded at the fall or spring commencement ceremony to the graduate(s) with the highest cumulative grade point average, is not available to students who have repeated courses to achieve a higher grade.

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Graduate-Level Topics Courses

Graceland University may offer graduate-level study in selected topics from various disciplines upon approval by the Graduate Council. Graduate-level topics courses are repeatable for credit when topics vary and may be offered for a maximum of 3 s.h. on a letter-graded basis.

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Incomplete Grades

University policy requires that an incomplete grade be initiated by the student; however, instructors may assign an "I" in cases when students are unable to complete the work for a course due to reasons beyond their control, or in cases when the instructor deems an "I" the most appropriate grade to give.

The grade of "I" should not be abused and should be used only in cases where the incomplete is unavoidable and legitimate.

An electronic "Incomplete Grade Contract" is required when an "I" is submitted as a course grade. The "Incomplete Grade Contract" will indicate the reason the incomplete is requested, the work that must be completed in the course to earn a final course grade, and the anticipated completion date.

The "I" is a temporary grade and will be automatically converted to an "F" if the course has not been completed by the end of the next major semester. An "Incomplete Extension" may be filed electronically with the Registrar's Office. An extension fee is charged to the student, unless the reason for the extension is beyond the student's control.

Students who discontinue enrollment at the University immediately following the session the "I" was recorded are allowed a maximum of one year to complete the course work. "I" grades for courses not completed by the end of the next year are converted to an "F."

NR, not recorded, is the grade which may be used in rare instances where the course starts on or after the official beginning date of the session, but the instructor does not require final assignments to be submitted until after the official ending date of the session, e.g., off-campus internships; the course does not end until after the official ending date of the session, e.g., Accelerated College Education (ACE) courses or the instructor has not submitted grades by the deadline date of the session.

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Pass-Fail

After regular registration is over, a student who wishes to change a regular graded course to Pass-Fail may do so by:

1. Printing the Change of Registration (https://pubdocs.graceland.edu/Registrar/ChngReg.pdf) form now or picking up a form for the change at the Registrar's Office.
2. Having the appropriate instructor and academic adviser sign the form.
3. Returning it to the Registrar's Office no later than the deadline date to add classes each term.

No fee is required for this change. The deadline for changing a course back to the regular grading system is the same as the deadline for adding classes.

Instructors turn in a letter grade on all courses except the strictly Pass-Fail courses. If a student has registered for a course on the Pass-Fail basis, the instructor turns in the letter grade that the student has earned, and it is changed to "P" if the grade is an "A," "B," or "C." An "F" is recorded if the grade is a "D" or "F." "P" grades do not affect a student's grade point average, but are added into earned hours. "F" grades are figured into the GPA.

Students may elect to take up to a total of 24 semester hours of graded work on the pass-fail basis; however, no more than two graded courses may be taken pass-fail during any one semester. Pass/Fail is not permitted in the following areas:

- All required Science and Mathematics courses for Science and Mathematics majors.
- Psychology courses for Psychology majors
- All courses required in the Nursing major for Nursing majors
- Music courses for Music majors
- All required courses in the Information Technology major
- All courses required for the Teacher Education Program, except for practicums, internships, and student teaching.
- All courses used to fulfill requirements for a major in Accounting, Business Administration, or Economics with the exception of internships.
- All courses used to fulfill requirements for a major in Sociology with the exception of internships.
- Theatre courses for Theatre majors

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Student Appeal of Final Grade

INFORMAL PHASE:

1. The student must file a written appeal with the dean or school or division chair of the academic unit* with a copy to the instructor not later than 120 days** after the grade was officially recorded. The appeal shall include (1) a statement that the student has tried but failed to resolve the question with the instructor and (2) specific reasons for the appeal and supporting documentation. If two or more students in a class wish to appeal their grades, each individual student must follow the appeal procedure. A decision must be made individually for each student in cases where two or more students from a class are making a grade appeal.
2. The division chair or dean of school shall attempt to resolve the issue informally. Resolution requires agreement of both faculty member and student. The resolution shall be stated in writing and filed in the chair/dean's office, with copies given to the student and the faculty member.

FORMAL PHASE:

1. If the issue cannot be resolved informally, the division chair or dean of school shall notify the Dean of Faculty, who shall appoint an appeals committee. The appeals committee shall consist of: The Dean of Faculty (chair); one faculty member from the division/school in which the appeal is being made who is in as closely related discipline as possible to the course in question; one faculty member form any other academic unit; and a student from the same program in which the appeal is being made. The committee shall be charged to weigh evidence, deliberate, and find for or against the appeal.*** A decision for the appeal will require a grade change; a decision against the appeal will require no further action. The instructor and student may be present for the appeal hearing. The instructor and student are also to receive copies of all written statements submitted in the grade appeal process.In cases in which the committee finds for the appeal, the committee will recommend the letter grade it feels to be appropriate. The decision as to the grade given, however, will be made after consultation with the faculty member involved in the appeal and the student making the appeal. The final grade will then be submitted by the committee to the Registrar.The appeals committee shall arrive at a decision within two class weeks of the time of its constitution. The decision will be by written ballot. A copy of the committee's action shall be filed in the Dean's Office and sent to the faculty member involved in the appeal, and to the student making the appeal. In all cases reasonable speed shall be pursued and in no case should a faculty member work to impede the grade appeal process.
2. In cases involving graduation, all reasonable speed shall be pursued. Allowing for proper deliberation, however, may well require delaying the student's graduation.

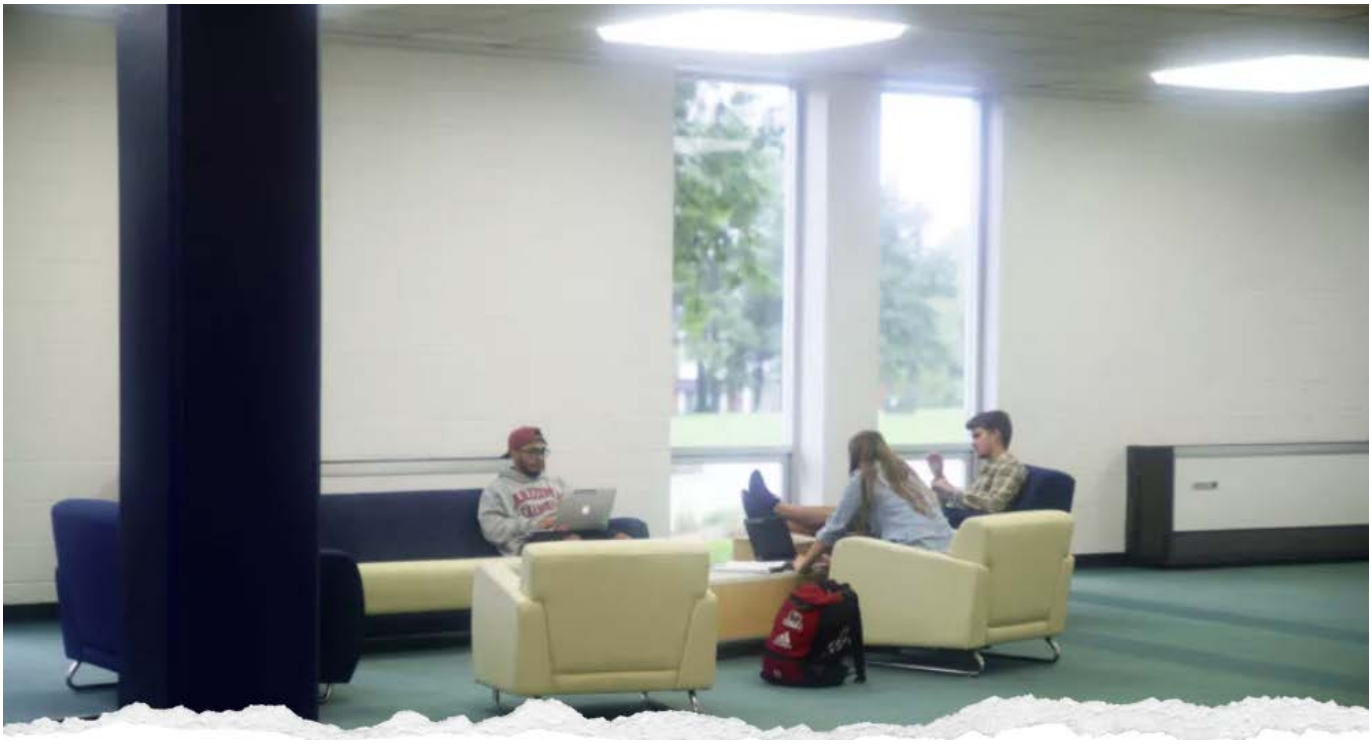
*If a division chair or dean of school is the instructor whose grade is appealed, the student shall initiate the grade appeal with the Dean of Faculty (Lamoni) or Dean of Nursing (Independence).

**Schools may have more specific policies and procedures related to student appeals and grievances that supersede this process. If enrolled in the nursing program, please see the School of Nursing website and/or the appropriate School of Nursing student handbook for the "Academic Appeal Policy".

***The committee has the right to make judgments regarding the manner in which an instructor applies his/her rules, taking into consideration such issues as fairness, consistency, and the communication of standards. The committee will not make judgments regarding the severity of an instructor's rules against plagiarism, late papers, irregular attendance, etc. Such judgments will be made and enforced by the division chair or dean of school and the Dean of Faculty.

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General Transfer Credit Policy



TITLE: General Transfer Credit

POLICY:

Jurisdiction:

For undergraduate programs, the Registrar has the responsibility for the evaluation and awarding of transfer credits according to university transfer policies.

For graduate programs, the appropriate school has the responsibility for the evaluation and awarding of transfer credits. Only a maximum of 25% of any graduate or professional degree program may be approved for transfer credit.

Undergraduate Programs

Credit will be accepted if the following requirements are met:

1. Credits must have been earned from regionally accredited institutions, as determined by the Transfer Credit Practices of Designated Educational Institutions, published by the American Association of Collegiate Registrars and Admissions

Officers. Credit not ordinarily accepted as shown in this guide may be accepted at Graceland if it is verified that course work from the sending institution is recognized and accepted at any major state university within that state, or if the credits have been approved for acceptance by Graceland's schools/divisions.

2. Students must have earned a grade of D- or better for transfer courses to be accepted for credit at Graceland University. Note: Transfer grades do not carry grade points. Courses accepted for transfer are accepted as credit only and are recorded with a transfer grade of "TA, TB, TC, TD, or TP" in place of a letter grade.
3. An unlimited number of collegiate-level sh. may be transferred to Graceland University. However, only a limited number of developmental, remedial, physical education activity, vocational-technical, music ensemble and English as a Second Language sh. are acceptable. Please see the following table for the maximum number of sh. accepted in each area:

Course Type	Semester Hours	Notes
Vocational-technical	16	Accepted as elective credit
Physical education activity	8	Limited to 4 sh of intercollegiate sport
English as a Second Language	8	
Developmental or remedial coursework	6	
Music ensemble	8	

4. No coursework completed at other institutions (transfer work) is included in the calculation of the Graceland University GPA.
5. All graduation requirements as outlined in the current catalog must still be met by students who wish to transfer work to Graceland.

Students who have completed an Associate of Arts (AA) or Associate of Science (AS) degree from a regionally accredited institution of higher education will automatically receive a General Education waiver.

Students who have not completed an AA or AS degree will have credits evaluated on a course-by-course basis as follows:

1. Students entering Graceland with 1-47 sh. of transfer credit:
    1. Any college level statistics course that is transferred in will count toward the General Education statistics requirement.
    2. Any college level mathematics courses that are transferred in will count toward the General Education mathematics requirement.
    3. If a student has taken 3 sh. in college composition, it will transfer in as Composition I. If the student has taken 6 sh. in college composition, they will transfer in as Composition I and Composition II.
    4. If a student has taken 3 sh. in public speaking, it will transfer in as Foundations of Public Speaking.
    5. Students who have taken courses in: Ethics, Visual and Performing Arts, Humanities, Social Sciences, Histories, Natural and Physical Science will be allowed to apply courses taken in those disciplines to substitute for the appropriate Liberal Learning General Education requirement.
2. Students entering Graceland with 48 or more sh. of transfer credit or students entering online or completion programs automatically qualify for the "Alternative General Education" program. Students must complete a total of 33 sh. including:
    1. 3 sh. in each of the following areas: **speech**, **college-level mathematics**, and **natural science**.
    2. 6 sh. in **college composition**.
    3. 9 sh. in each of the following areas: **humanities** (literature, philosophy, religion, art, music, theatre, and foreign language courses), **social sciences** (economics, psychology, sociology, anthropology, political science/government,

geography, history).

Transcripts and Other Validation of Credit

Official transcripts are required and must be received directly from all accredited and non-accredited secondary and post-secondary institutions (VA requirement and regulation for federal financial aid).

Credit can be accepted according to the American Council on Education (ACE) Guide to Educational Credit by Examination **except** Straighterline credit (no longer accepted beginning summer 2024) and Sophia Learning credit (no longer accepted beginning summer 2025) . Score reports must be sent directly from the testing center to Graceland University for evaluation.

Credit for proficiency examinations taken at previous post-secondary institutions is not awarded.

Credit for military programs and training is awarded according to ACE recommendations in the baccalaureate category in the Guide to the Evaluation of Educational Experiences in the Armed Services.

Graduates of colleges and/or schools of nursing located outside the US may find it impossible to obtain official transcripts from the institution. After all other efforts to obtain an official transcript have failed, the student may request a letter from any college attended in the US or from the state board of nursing. A copy of the "foreign transcript" received by the college or state board should accompany the letter with a statement certifying it is a true copy of the official transcript received previously by the college or state board from the foreign institution.

Credit may be awarded for post-secondary education completed at colleges and/or universities in foreign countries. A course-by-course evaluation provided by the World Education Service (WES) ,International Credential Evaluations (InCred), Educational Credential Evaluators (ECE), or Scholaro, Inc. is required before awarding credit. If the student is pursuing admission to the MSN program, nursing credits earned at an institution outside the US are evaluated by the Commission on Graduates of Foreign Nursing Schools (CGFNS) before awarding credits.

All work transferred from two-year institutions will be considered lower division. However, some two-year college courses may meet the intent of specific upper division courses at Graceland. In this case, the courses are assigned a lower division number "0000" and the upper division course is included on the academic record as "WV". The intent of the course is met, but the hours will not count toward the upper division requirement.

RATIONALE: To provide for a consistent evaluation of credits taken at other colleges and universities.

COMPLIANCE:

Any questions and concerns should be directed to the Registrar's Office.

Credit for proficiency examinations taken at previous post-secondary institutions is not awarded.

Credit does not become obsolete, but application of some credit to a specific program at Graceland may be subject to review by department faculty.

Graceland's course number, as listed in the current catalog, is assigned to equivalent transfer courses.

An elective course number, "0000" for lower division courses or "4999" for upper division courses, is assigned to non-equivalent transfer courses.

Course titles and semester hours assigned by the sending institution are generally retained on the Graceland record.

Quarter hours are converted to semester hours; one quarter hour equals 2/3 of a semester hour.

Department faculty and college catalogs may be consulted for advice. Undergraduate students may petition the university, appropriate school or college to request variance in program requirements in light of previous background.

Withdrawal from the University



Students not returning to Graceland for the next semester or term, including graduating students, are required to officially initiate the withdrawal process. Lamoni Campus students withdrawing or not returning to Graceland must formally notify Student Life of intent to withdraw and initiate the withdrawal process by visiting the Student Life Office, Newcom Student Union. Students from other programs withdrawing or not returning to Graceland must formally notify their program advisor or site coordinator of intent to withdraw and initiate the withdrawal process.

Refund of the institutional deposit balance, net of any outstanding charges and contingent upon successful initiation of the withdrawal process and completion of the checkout process, will be mailed to the student's home address as soon as processing can be completed at the end of the semester or term.

Individual policies for Course Withdrawal may vary by program. Withdrawal from courses after the last day to withdraw will follow the standard Refund Policy. Contact your Program Advisor, the Registrar's Office, or Student Financial Services with specific questions.

Unofficial Withdrawals

An unofficial withdrawal occurs when a student elects to cease participation in courses and fails to notify Graceland University of his/her intent to withdraw. At the end of each session a review will be conducted of any student who received all "F" or "W" grades. The review will determine if the student earned the failing grades or if the student ceased participation and the situation is deemed an unofficial withdrawal. A student receiving a passing grade for a session course is considered to have

been in attendance and earned all grades. The last date of attendance will be the most recent last day of academically related activity as noted by each course faculty. If a last day of academically related activity is unable to be determined, the last date of attendance will be the midpoint of the session.

Mobilization of Students to Active Duty in the Military

Students who are called into active military duty, and the spouse of service members with a dependent child(ren) who are called into active military duty, including the National Guard and Reserve active duty, during the course of an academic term may receive refunds and course credits.

POLICY

1. Grades and Credit: Students will be withdrawn, take incomplete grades in all courses in progress, or be granted credit at the time of departure as follows.
    1. Prior to departure, the student may withdraw from all courses. No course credit will be given and grades will be recorded as "W." Pursuant to normal University policy, students who withdraw from courses do not receive course credit.
    2. Prior to departure, the student may take an incomplete (I) grade for all courses. An incomplete grade due to military mobilization will appear on the student's academic record. Courses are due to be completed by the end of the second semester after returning from active duty. Course completion may be accomplished by retaking the course at no additional cost or through independent study as determined by the instructor and the Vice President for Student Life/Dean of Students.
    3. Receive credit for the course.
    1. Credit for **undergraduate** students may take the form of a letter grade or grade of "P" for each course in which they have attained a grade of "C" or better at the time of mobilization, as determined by the instructor.
    2. Credit for **graduate** students may take the form of a letter grade or grade of "P" for each course in which they have attained a grade of "B" or better at the time of mobilization, as determined by the instructor.
2. Fees and Charges:
    1. Tuition and fees will be refunded in full to students who withdraw.
    2. Tuition and fees will not be refunded to students who take an incomplete or receive credit for courses.
    3. Housing and board charges will be refunded on a prorated basis.
    4. Textbook refunds will be made to students based on applicable bookstore policies regarding student mobilization into the armed forces.
    5. Students, who receive financial aid and withdraw, will have financial aid refunded according to guidelines established by federal and state financial aid regulations. Students should consult with Financial Aid Services concerning the impact of military mobilization on financial aid conditions and eligibility if they withdraw.

PROCEDURE

1. The student must inform the Vice President for Student Life/Dean of Students within 15 days of receiving notice of a pending call to active duty.
2. The Vice President for Student Life/Dean of Students will assist the student in determining the best option for withdrawing or completion of coursework.
3. The Vice President for Student Life/Dean of Students will notify the appropriate offices of the student's decision regarding enrollment for the semester.

Academic Services



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Information Technology Services

TRIO Student Support Services (SSS)

The TRIO Student Support Services (SSS) program at Graceland University is a federally funded program sponsored by the U.S. Department of Education. The program is designed to increase the retention, persistence, academic achievement, and graduation rates of eligible students by providing comprehensive academic support and student success services.

TRIO SSS serves students who meet one or more of the following federal eligibility criteria: first-generation college students (defined as students whose parent(s) or legal guardian(s) did not earn a bachelor's degree), students who meet federal income eligibility guidelines, and students with documented disabilities.

Program participants receive individualized support designed to promote academic success and degree completion. Services include academic advising, tutoring, success coaching, STEPS courses, financial literacy education, assistance with financial aid processes, peer mentoring, graduate and career preparation, and referrals to campus and community resources. The program also provides workshops and activities that support academic skill development, personal growth, and student engagement.

Participation in TRIO Student Support Services is limited and requires an application and verification of federal eligibility. Eligible students are encouraged to apply online here (https://graceland-sss-pub.studentaccess.com/appform/default.aspx?guid=df14dd94-7616-4511-9f78-8eb3dd59a1d1) or visit the TRIO Student Support Services office in Zimmermann Hall for additional information.

Student Disability Services

Graceland University is committed to full compliance with the Rehabilitation Act (Section 504) and the Americans with Disabilities Act (ADA). As part of the implementation of this law, the university will continue to provide reasonable accommodations for students with disabilities so that they can participate fully in the university's educational programs and activities. Although Graceland is not required by law to change the fundamental nature or essential curricular components of its programs, the university will provide reasonable academic accommodations for qualifying individuals.

Students who qualify for accommodations are encouraged to contact the Office of Student Disability Services before classes start or as early as possible. The office will work with the course instructor and the student to arrange for reasonable accommodations. Students are required at their own expense to provide documentation verifying disability. All information for accommodations can be found here (https://my.graceland.edu/ICS/Resources/student_disability_services/).

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Graceland University Writing and Tutoring Support

A college education can be strenuous, and many students need academic assistance. We offer a variety of programs on the Lamoni Campus including writing and tutoring assistance.

Writing Center: The Graceland University Writing Center provides a supportive, welcoming environment where all Graceland students can work together with a trained tutor on improving their writing and/or speaking knowledge and skills. The Writing Center assists students in all majors and at any stage of the writing and speaking process to become better, more confident writers and speakers. The Writing Center offers both face-to-face tutoring (for students on the Lamoni campus) and online tutoring (for all Graceland Students). To schedule an appointment, please follow us on Instagram at graceland_tutoring, visit our My Graceland page at: Writing Center – Graceland University (https://portal.graceland.edu/pages/writing-center), or email the Writing Center at writingcenter@graceland.edu (mailto:writingcenter@graceland.edu). Lamoni students are also welcome to visit our main on-campus location in room 119 of the FMS Library for a drop-in appointment. Tutoring locations will be held in a variety of locations on campus that are convenient for students. If no tutoring times work you, please email writingcenter@graceland.edu (mailto:writingcenter@graceland.edu), and if possible, other tutoring arrangements will be made.

Tutoring Support: We offer a variety of tutoring services for other subjects and specific courses offered at Graceland University. These sessions are often in a group setting and offer a supplement to the courses including study skills/tips, and important review of course concepts and materials. Tutors are hired and trained by the Director of Writing and Tutoring. These tutoring sessions are held online or in person. If you can't find a group tutoring time that works for you, or you feel that you may need extra support, please email writingcenter@graceland.edu (mailto:writingcenter@graceland.edu), and if possible, other tutoring arrangements will be made.

You can see the tutoring schedule by following this link: Tutoring – Graceland University (https://portal.graceland.edu/pages/tutoring). If you need tutoring for a class that does not appear on this schedule, please contact the Director of Writing and Tutoring at writingcenter@graceland.edu (mailto:writingcenter@graceland.edu), and if possible, other tutoring will be provided.

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Educational Talent Search (ETS)

Graceland University's Educational Talent Search (ETS) program is a federally funded TRIO program supported by the U.S. Department of Education. Since 1973, the program has served students in grades 6-12 throughout northern Missouri and southern Iowa by promoting educational attainment and increasing access to postsecondary education.

Educational Talent Search is designed to identify and assist individuals who have the potential to succeed in higher education. The program primarily serves students who meet federal eligibility requirements as first-generation college students (students whose parent(s) or legal guardian(s) did not earn a bachelor's degree) and/or who meet federal income eligibility guidelines. ETS encourages participants to complete a rigorous secondary school curriculum, graduate from high school, enroll in postsecondary education, and successfully complete a college degree. The program also provides services to eligible individuals seeking to reenter and complete their secondary education.

Participants receive individualized advising and comprehensive educational support services, including academic skill development, study strategies, career and college exploration, tutoring, mentoring, ACT preparation, financial literacy education, scholarship and financial aid assistance, FAFSA completion support, college application assistance, campus visits, job shadowing experiences, leadership development, and educational field trips. Parents or guardians of prospective students can fill out an application here (https://graceland-ts-pub.studentaccess.com/appform/default.aspx?guid=cf2326d1-ad92-4e0d-be5a-91a26fc8ff26).

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Frederick Madison Smith Library

The Frederick Madison Smith Library provides access to services, tools, and materials necessary for academic success as well as offering items and an environment for leisurely enrichment at no additional fee.

Students, Faculty, and Staff may check out library items such as books, audiovisual materials, government documents, and more using their Graceland-issued ID cards.

Certain course materials such as textbooks, films, or other readings may be available on closed reserves at the library.

The library provides access to a number of scholarly research databases serving a variety of programs of study and areas of research.

The Frederick Madison Smith library provides Interlibrary Loan opportunities that enable us to acquire anything users may need from another library at no additional cost.

The library participates in the Federal Repository Library Program, and has staff dedicated to providing access and information on Government Documents. Anyone from anywhere may access government information from our physical collection or online using the Digital Federal Document Library, FDsys.

Technology available in the library: Over 30 laptops, 6 graphing calculators, 4 financial calculators, and 4 scientific calculators are available for check-out on a first-come, first-served basis. 8 Chromebox Pcs (main floor), 20 Windows Desktops (PCLab 2), 4 Meta Quest VR headsets, 1 multi-function black and white printer/scanner/copier (main floor), 1 multi-function color printer/scanner/copier (ground floor), 1 Microfilm/Microfiche scanner.

Check the libraries social media page (https://www.facebook.com/GULibraries (https://www.facebook.com/GULibrariesor) or www.gracelandlibraries.org (https://www.gracelandlibraries.org) for more information about upcoming events and sessions.

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The Dr. Charles F. Grabske, Sr. Library and Learning Resource Center – Independence Campus

The Charles F. Grabske, Sr. Library and Learning Resource Center is open 40 hours per week with evening hours available many times each month. It is staffed by a faculty member with available librarian assistance. Check the libraries social media page https://www.facebook.com/GULibraries (https://www.facebook.com/GULibrariesor) or www.gracelandlibraries.org (https://www.gracelandlibraries.org) for more information about upcoming events and sessions.

Grabske's holdings focus primarily on medicine, science, and allied health, although nursing is its core collection. Grabske holdings include professional journals and periodicals, ready reference titles as well as monographs. Its electronic collection includes over 3,000 electronic journals in the health sciences with DynaMedEx, CINAHL Ultimate, the Cochrane Library, and Ovid Nursing Essentials. These databases facilitate the research of Graceland's School of Nursing. Grabske also houses the historical archive of the nursing program.

Grabske Library is a full member of the National Network of Libraries of Medicine. Interlibrary loan is available to all students and faculty. Usually, it is free of charge. Most articles are electronically delivered throughout the network.

Multiple computers are available to students in the library and learning resource area. A computer lab is across the hall. Six individual study rooms are available for testing and group/individual study.

Public and Agency Libraries – Mid-Continent Public Library serves the metropolitan Kansas City area with 30 branch locations across three counties. The needs of students and faculty for general research are well-served by this large system with access to their extensive collection. Mid-Continent is an award-winning library system and one of the largest in the country.

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Information Technology Services

Information Technology Services (ITS) supports Graceland University's mission by providing reliable, secure, and accessible technology that enhances student learning, engagement, and success.

Student Services:

- **Technical Support**
  Live support is available on the Lamoni, Iowa Campus, Briggs Hall, Room 03, Monday–Friday. Students may contact Tech Support via email: techsupport@graceland.edu, phone: 641 784 5400, or by scheduling an appointment through the university's booking system (https://outlook.office.com/book/TechSupport1@graceland.edu/?ismsaljsauthenabled).
- **Access & Security**
  Students receive a secure username and password to a single sign-on platform that requires multi-factor authentication for security purposes. Visit login.graceland.edu (https://login.graceland.edu/) to access various university systems including your student portal, myGraceland (mobile application available)
- **Network & Connectivity**
  Wireless internet is available in residence halls, apartments, classrooms, public indoor spaces, and select outdoor areas. ITS assists students with connecting personal devices and resolving connectivity issues.
- **Academic & Learning Technologies**
  ITS supports instructional technologies used in coursework, including the learning management system and classroom technologies such as projectors and sound systems.
- **Microsoft 365 & Productivity Tools**
  Students receive a Graceland Microsoft account with cloud access to Outlook (email & calendar), OneDrive, Word, PowerPoint, and related tools. While enrolled, students may install Microsoft applications on up to five devices. The Microsoft authenticator application is used for security.
- **Computer Labs & Equipment Access**
  Students may use public computer labs located in the F.M. Smith Library, the Helene Center for the Visual Arts, Resch Science and Technology Hall, The Newcom Student Union, and the Independence Campus. A limited number of laptops are available for short-term checkout at F.M. Smith Library and Independence Campus.
- **Printing Services**
  Printing services are available in color and black and white. Students receive a $25 print credit each term, with the option to add funds through an online self-service system.
- **Campus Technology & Safety Systems**
  ITS supports technology infrastructure across campus, including residence hall card-access security locks, emergency alert texting, and campus security cameras.

Student Responsibilities
Students are expected to use university technology resources responsibly, safeguard their account credentials, and comply with university technology and data security policies.

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Educational Programs

Degree Requirements, Majors and Programs



All majors offered on the Lamoni Campus with additional locations noted.

Bachelor of Arts

- Accounting (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/accounting/)
- Agricultural Business (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/agricultural-business/)
- Art (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-

programs/art/) (Studio or Graphic Design Tracks)

Business Management (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/business-management/)[2]

Combination Education (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/teacher-education/)

Criminal Justice (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/criminal-justice/)

Digital Content Creation (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/digital-content-creation/)

Elementary Education (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/teacher-education/)[1]

English (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/english/)

Finance (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/finance/)

Forensic Psychology (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/forensic-psychology/)

History (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/history/)

Interdisciplinary Studies (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/interdisciplinary-studies/)[1,2]

Marketing (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/marketing/)

Organizational Leadership (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/organizational-leadership/)[3]

Performing Arts (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/performing-arts/)

Physical Education and Health (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/health-and-physical-education/)

Psychology (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/psychology/)

Secondary Education (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/teacher-education/)

Social Change (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/social-change/)

Sport Management (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sport-management/)

Sustainability Studies (https://www.graceland.edu/academics/academic-

catalogs/undergraduate-catalog/educational-programs/sustainability-studies/)

Bachelor of Science

- Allied Health (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/allied-health/)
- Artificial Intelligence and Data Science (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/artificial-intelligence-and-data-science/)
- Biology (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/biology/)
- Chemistry (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/chemistry/)
- Computer Science and Information Technology (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/computer-science-and-information-technology/)

Bachelor of Science in Nursing

- Nursing (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/nursing/)[1,2]

[1]Independence, Missouri
[2]Online
[3]Online Only

Minors

All minors offered on the Lamoni Campus with additional locations noted.

Accounting (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/accounting/)

Agricultural Business (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/agricultural-business/)

Agricultural Plant and Animal Sciences (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/agricultural-plant-and-animal-science/)

Artificial Intelligence and Data Science (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/artificial-intelligence-and-data-science/)

Art (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/art/)(Studio or Graphic Design)

Biology (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/biology/)

Business Management (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/business-management/)

Chemistry (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/chemistry/)

Coaching (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/coaching/)

Computer Science and Information Technology (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/computer-science-and-information-technology/)

Criminal Justice (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/criminal-justice/)

Critical Race and Ethnic Studies (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/critical-race-and-ethnic-studies/)

Economics (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/economics/)

Esports (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/esports-minor/)

Finance (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/finance/)

Health and Wellness (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/health/)

History (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/history/)

Marketing (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/marketing/)

Performing Arts (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/performing-arts/)

Psychology (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/psychology/)

Sport Management (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sport-management/)

Transformational Leadership (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/transformational-leadership/)

Women's, Gender, and Sexuality Studies (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/womens-gender-and-sexuality-studies/)

Certificates

All certificates offered on the Lamoni Campus with additional locations noted.

Business Scholars' Certificate (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/business-management/)

Data Analytics for Accounting Certificate (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/accounting/)

Data Analytics for Agricultural Business Certificate (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/agricultural-business/)

Data Analytics for Business Management Certificate (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/business-management/)

Data Analytics for Business Marketing Certificate (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/marketing/)

Data Analytics for Chemistry Certificate (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/chemistry/)

Data Analytics for Computer Science and Information Technology Certificate (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/computer-science-and-information-technology/)

Data Analytics for Economics Certificate (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/economics/)

Data Analytics for Environmental Science Certificate (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sustainability-studies/)

Data Analytics for Health and Movement Science Certificate (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/allied-health/)

Data Analytics for Sport Management Certificate (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sport-management/)

Organizational Leadership Certificate[2] (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/organizational-leadership/)

Sports Nutrition Certificate (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/allied-health/)

[1]Independence, Missouri
[2]Online
[3]Online Only

Requirements for Degrees



Bachelor of Arts Degree, Bachelor of Science Degree, and Bachelor of Science in Nursing Degree*

*Students who choose to pursue the Bachelor of Arts Honors, Bachelor of Science Honors, or Bachelor of Science in Nursing Honors degree should plan to meet the specific requirements of the Honors Program (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/honors-program-undergraduate-catalog/)in addition to all other graduation requirements.

Graceland University confers the degree of Bachelor of Arts, the degree of Bachelor of Science, and the degree of Bachelor of Science in Nursing. The type of degree granted is determined by the choice of major. These baccalaureate degrees are conferred on those students who satisfactorily complete the following requirements:

1. 120 semester hours[1]
2. 39 upper division semester hours (3000 and 4000 level courses)
3. 2.00 grade point average on all work and 2.00 average in major(s)
4. 30 of the last 60 semester hours taken immediately prior to graduation must be through Graceland University[2]
5. A recognized major or equivalent

6. Completion of the Transformational Leadership major[3] which includes:
    1. Completion of the required General Education program or, for eligible transfer students, the alternative general education program, or general education waiver[3].
    2. Completion of the Life and Leadership course sequence[4].
    3. Completion of the Strategic Skills course sequence[5].

Transformational Leadership Major

Since 1895, Graceland University has been developing students into people who will change the world by giving them the best experience and education possible. To accomplish this transformative experience, Graceland requires all incoming students to participate in the Transformational Leadership Major.

Unique to Graceland, the Transformational Leadership Major provides students with both the classroom and experiential learning that provides them with the knowledge and skills to change the world. Accompanying the knowledge that the student's chosen expertise major provides, this major gives students a breadth of knowledge via the general education component, systematic development of their leadership skills in the Life & Leadership sequence and a start on the path of developing strategic skills through study in Health and Wholeness, Data Fluency & Citizenship, and Social Responsibility.

Scaffolded throughout this curriculum are the foundational learning outcomes of higher order thinking, character, social responsibility, holistic well-being, and digital citizenship.

General Education Program

General Education Program

The General Education Program requires completion of the following.

Foundational Skills – courses in writing and communication skills (9 s.h.)

ENGL1100 Composition I: Introduction to Writing Skills or HONR1010 Honors 101

COMM1100 Foundations of Public Speaking or HONR2010 Honors 201

ENGL2110 Composition II: Research Writing and Argumentation

Foundational Skills – courses in mathematics/quantitative skills (6 s.h.)

Statistics Course (3 s.h.)

MATH1360 Statistics for Critical Thinking

MATH1370 Statistics for Sciences

Mathematics Courses (3 s.h.)

MATH1200 Mathematics for Liberal Arts

MATH1280 College Algebra

MATH1310 Mathematical Concepts

MATH1500 Applied Calculus

MATH1510 Calculus I

MATH2350 Discrete Mathematics

Liberal Learning – courses in arts, histories, humanities, natural sciences, and social Sciences (16 s.h.)

Arts (3 s.h.)

ARTS2330 Art History: Innovation and Politics

ARTS3110 Art History: Activism, Empathy, and Justice

One studio art or graphic design course with no prerequisite

MUSC2350 Musics of the World

MUSC3340 Music, Social Justice, and Activism

3 credits ensemble participation from one specific area (vocal/instrumental) All three credits must be earned in one area.

THTR1230 Theatre and Society

THTR3330 Dramatic Media History

Histories (3 s.h.)

HIST1200 History of African Diaspora

HIST1560 Environmental History

HIST2420 United States History Since 1877

Humanities (3 s.h.)

COMM2110 Intercultural Communication

COMM2500 Introduction to Mass Media

ENGL1200 Environmental Justice

ENGL2240 Studies in Genres

ENGL2350 American Ethnic Literature

ENGL2380 Our Bondage and Our Freedom – Lit of the Americas, 1491-Present

ENGL2420 Creative Writing-Fiction

ENGL2540 Global Eco Cinema

ENGL2600 Gender and Sexuality

ENGL3110 Critical Theory

ENGL3320 Creative Writing – Non-Fiction

ENGL3420 Language and Culture

ENGL3480 Cultural Studies

Natural Sciences (3-4 s.h. which requires a laboratory experience, total student contact time (lecture and lab) must be at least 4 hours per week)

BIOL/CHEM1200 Environmental Science

BIOL2300 Anatomy and Physiology I

CHEM1330 Introduction to General, Organic, and Biochemistry

CHEM1340 Forensic Chemistry

CHEM1410 General Chemistry I Workshop

SCIE1200 Integrated Science

Social Sciences (3 s.h.)

ECON1300 Principles of Macroeconomics

ECON1320 Principles of Microeconomics

EDUC2120 Human Relations

PSYC1300 Introductory Psychology

PSYC2250 Developmental Psychology

Courses Offered

ARTS2330 Art History: Innovation and Politics

ARTS3110 Art History: Activism, Empathy and Justice

BIOL1200 Environmental Science with Lab (also CHEM1200)

BIOL2300 Anatomy and Physiology I with Lab (3-2)

CHEM1200 Environmental Science with Lab (also BIOL1200)

CHEM1330 Introduction to General, Organic, and Biochemistry with Lab

CHEM1340 Forensic Chemistry with Lab

CHEM1410 General Chemistry I Workshop with Lab

COMM1100 Foundations of Public Speaking

COMM2110 Intercultural Communication

COMM2500 Introduction to Mass Media

ECON1300 Principles of Macroeconomics

ECON1320 Principles of Microeconomics

EDUC2120 Human Relations

ENGL1100 Composition I: Introduction to Writing

ENGL1200 Environmental Justice

ENGL2110 Composition II: Research Writing and Argumentation

ENGL2240 Studies in Genres

ENGL2350 American Ethnic Literatures

ENGL2380 Our Bondage and Our Freedom: Literature of the Americas, 1491-Present

ENGL2420 Creative Writing: Fiction

ENGL2540 Global Eco-Cinema

ENGL2600 Gender and Sexuality

ENGL2903 Topics in Literature

ENGL3110 Critical Theory

ENGL3320 Creative Writing: Nonfiction

ENGL3420 Language and Culture

ENGL3480 Cultural Studies

HIST1200 History of the African Diaspora

HIST1560 United States Environmental History

HIST2420 United States History Since 1877

HONR1010 Honors 101

HONR2010 Honors 201

MATH1200 Mathematics for Liberal Arts

MATH1280 College Algebra

MATH1310 Mathematical Concepts

MATH1360 Statistics for Critical Thinking

MATH1370 Statistics for Sciences

MATH1500 Applied Calculus

MATH1510 Calculus I

MATH2350 Discrete Mathematics

MUSC2350 Musics of the World

MUSC3340 Music, Social Justice, and Activism

PSYC1300 Introductory Psychology

PSYC2250 Developmental Psychology

SCIE1200 Integrated Science with Lab

THTR1230 Theatre and Society

THTR3330 Dramatic Media History

Course Descriptions

ARTS2330 Art History: Innovation and Politics - 3 s.h.

Theme-based art history course exploring topics such as innovation, power, politics, architecture, entertainment, sacred spaces, sustainability, and eco art throughout art history to the present. ELO5 Arts - Innovation, GE3A Liberal Learning-Arts.

ARTS3110 Art History: Activism, Empathy and Justice - 3 s.h.

Theme-based art history course that explores topics such as activism, empathy, justice, disability, mental illness, feminism, sexuality, queer art, social and civic engagement, labor, and race throughout art history to the present. ELO5 Arts - Equality, ELO5 Arts - Equality and Peace, GE3A Liberal Learning-Arts.

BIOL1200 Environmental Science with Lab (also CHEM1200) - 4 s.h.

An exploration of the biotic and abiotic components of the environment, including the biological, physical, and chemical processes that shape natural ecosystems (e.g., biogeochemical cycles). The course will also examine the impact of human population growth, resource use, emissions production, and technological innovations on the environment. Current environmental issues, such as loss of biodiversity, ecosystem degradation, air and water pollution, and climate change, will be considered. Additional fee required. ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences

BIOL2300 Anatomy and Physiology I with Lab (3-2) - 4 s.h.

The study of structure and function of the human body. Topics will include: cells and homeostasis, muscles, bones, respiratory, nervous and cardiovascular. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) GE3D Liberal Learning-Natural Sciences

CHEM1200 Environmental Science with Lab (also BIOL1200) - 4 s.h.

An exploration of the biotic and abiotic components of the environment, including the biological, physical, and chemical processes that shape natural ecosystems (e.g., biogeochemical cycles). The course will also examine the impact of human population growth, resource use, emissions production, and technological innovations on the environment. Current environmental issues, such as loss of biodiversity, ecosystem degradation, air and water pollution, and climate change, will be considered. Additional fee required. ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences.

CHEM1330 Introduction to General, Organic, and Biochemistry with Lab - 4 s.h.

An introduction to the principles of inorganic, organic and biochemistry, including a study of atoms, chemical bonding, types of chemical reactions (focusing on ones in the cell), solution chemistry, introduction of biological molecules (proteins, lipids, carbohydrates, and nucleic acids). This course is intended for students desiring a general education in chemistry, those majoring in nursing or allied health fields and those that need it to fulfill the chemistry requirement for cell biology and genetics course. Prerequisite: MATH1280 or one year of high school algebra (C or better strongly recommended). Additional fees required. GE3D Liberal Learning-Natural Sciences

CHEM1340 Forensic Chemistry with Lab - 4 s.h.

This course will expose students to the field of forensic science primarily using chemical forensics and testing. Topics include evidence collection and preservation, drugs and drug chemistry, heat and explosions, poisons and others. The course will cover basic chemical concepts needed to plan, execute, and interpret forensic results. All necessary scientific concepts will be developed in the context of forensic science. Additional fee required. ELO6 Science - World Citizenship, ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences

CHEM1410 General Chemistry I Workshop with Lab - 4 s.h.

General Chemistry I Workshop is appropriate for any student interested in developing a strong background in chemistry. It is intended to be the first university chemistry course for science majors. As such, it will be fairly rigorous and will draw upon previous experience in mathematics and science. Major areas to be covered include atomic and molecular structures, chemical bonding, stoichiometric relationships, and chemical reactions. Laboratory activities and experiments are closely related to concepts introduced in class discussions and will allow students to develop their laboratory skills. Good safety practices and experimental record keeping will be stressed. Students are expected to actively participate in class activities and discussions in addition to homework assignments, individual/group study and preparation for exams. Course is intended for biology, chemistry, and some allied health majors. Additional fee required. Fulfills liberal learning science course. Prerequisites: Two years high school algebra and one year geometry (plane trigonometry recommended) or 1 year of high school calculus or one higher-level college math course (college algebra (MATH1280) or college calculus (MATH1510)), and one year of high school chemistry or any college level chemistry course. EL06 Science, GE3D Liberal Learning-Natural Sciences.

COMM1100 Foundations of Public Speaking - 3 s.h.

Foundations of Public Speaking focuses on practices in the speech processes of writing, delivery, listening, audience analysis, criticism, and performance of introductory, informative, persuasive, and mediated speeches. The course introduces foundations of academic research and provides students with the skillset to expand their critical thinking and speaking to meet the dynamic demands of public communication. The emphasis of the course is on learning through performance and application of communication principles and tools. ELO1B Communications, GE1B Foundational Skills-Writing and Communication.

COMM2110 Intercultural Communication - 3 s.h.

An examination of concepts that have application to communication across cultural boundaries, with emphasis on relating them to effective intercultural communication skGE3C Liberal Learning-Humanities. ELO4 Global Learning - World Citizenship, ELO4 Global Learning - Equality and Peace, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

COMM2500 Introduction to Mass Media - 3 s.h.

An examination of the various landmark theories, such as rhetorical, Marxist, and feminist to analyze popular culture, with an emphasis on the importance of communication in the production and consumption of culture. Students will study the development of culture by applying different theories or 'lenses' to cultural artifacts including music, movies, advertisements, clothing, etc. GE3C Liberal Learning-Humanities +This course is only offered every other year.

ECON1300 Principles of Macroeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, national income, international trade and finance, fiscal policy, monetary policy, money, and banking. Prerequisite: 1 year high school algebra; geometry recommended. ELO5 Social Science - World Citizenship, ELO5 Social Science - Innovation

ECON1320 Principles of Microeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

EDUC2120 Human Relations - 3 s.h.

Analysis of various societal subgroups and how such groups recognize and deal with dehumanizing biases. Students learn to relate effectively to various groups to foster understanding and respect for equity, diversity, and inclusion. Emphasis on self-awareness in human relations issues and how this awareness can be translated into positive relationships. Introduction to ethnographic analysis and pedagogical, curricular, and social considerations involved in working with and educating various societal subgroups. ELO3 Ethical Thinking and Action - Equality, ELO3 Ethical Thinking and Action - Equality and Peace, GE3E Liberal Learning-Social Sciences

ENGL1100 Composition I: Introduction to Writing - 3 s.h.

This is a writing-intensive course preparing students to become stronger, more confident writers as they develop their writing process habits and their ability to think critically about arguments around them. Students can expect to produce, deliver, and analyze college-level, written texts in addition to learning about grammar-use in context with an emphasis on meaning within the editing process. ELO1A Communication, GE1A Foundational Skills-Writing and Communication.

ENGL1200 Environmental Justice - 3 s.h.

Who is most hurt by environmental degradation and abuse, and who benefits? This course will examine what contemporary literature from the United States and around the world has to say about environmental racism, ecofeminism, and settler colonialism. We'll also think about the social construction of nature, globalization, food justice, and urban ecological issues. Our guiding question is simple: What is the role of art in the struggle for social change? This course emphasizes critical thinking, historical and socio-political contexts, and diverse aesthetics. GE3C Liberal Learning-Humanities

ENGL2110 Composition II: Research Writing and Argumentation - 3 s.h.

This is a writing-intensive course that is meant to develop students' academic research processes. Students should expect to engage in work that is framed for "public" audiences outside of the classroom and to practice collaboration in research and writing processes. As the final course of the foundational communication skills sequence, students will be encouraged to use research processes to gain an awareness of topics and conversations happening in the larger social world. Prerequisite: ENGL1100 or HONR1010 with a grade of C or higher or a transfer grade of C or higher. ELO1B Communication, GE1C Foundational Skills-Writing and Communication.

ENGL2240 Studies in Genres - 3 s.h.

This course provides an in-depth exploration of genre as a critical concept in literature and other cultural forms. Students will familiarize themselves and analyze a range of genres—including prose, poetry, novel, short story, drama, documentary, and film—examining how they function as frameworks for storytelling, expression, and meaning-making. Employing both literary criticism and genre histories, the course will explore the historical development of genres, their conventions, and their transformation across different cultural contexts over time. Through primary texts, critical readings, and discussions, students will investigate the role and forms of genre as well as engage in genre-blurring texts and their importance for both disciplinary and cross-disciplinary thinking. GE3C Liberal Learning-Humanities

ENGL2350 American Ethnic Literatures - 3 s.h.

A survey of multi-ethnic U.S. literature, including African American literature, Latino/a literature, Asian American literature, Native American literature, and American Jewish literature. As a complement to literary texts, students will also examine a range of introductory theoretical texts in the interdisciplinary field of ethnic studies. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. ++ This course is on a four-year cycle.

ENGL2380 Our Bondage and Our Freedom: Literature of the Americas, 1491-Present - 3 s.h.

Survey of American Literature stretching from the advent of European colonization in the Western Hemisphere to the present. The course will pay special attention to the legacies of colonialism and slavery, the history of social movements for freedom and equality, the making (and unmaking) of U.S. national mythologies, the major formal transformations that have taken place in U.S. Literature, and the function of literature as an innovative and adaptive technology that expands human capacities. GE3C Liberal Learning-Humanities

ENGL2420 Creative Writing: Fiction - 3 s.h.

Study of fiction writing through the lens of sustainability. Investigates the maintenance of various systems that meet human needs (e.g. emotional, physical, social, environmental) through extensive fiction writing and class discussion. Emphasis on fiction as a means of self-discovery as well as an art form. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL2540 Global Eco-Cinema - 3 s.h.

A transnational survey of films that deal with environmental issues and, more broadly, with human relationships to the nonhuman world. An examination of the impact of urbanization on rural communities, the mysterious allure of wild and uncultivated landscapes, the threat of climate change to daily life around the world, and the cinematic representation of environmental apocalypse. Explores different genres and styles, including neo-realism, eco-horror, anime, and avant-garde cinema. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL2600 Gender and Sexuality - 3 s.h.

An exploration of issues of gender and sexuality in literature, with a focus on fiction, drama, and poetry by women and LGBT+ writers. As a complement to literary texts, students will also examine a range of introductory theoretical texts in the interdisciplinary field of gender and sexuality studies. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. ++ This course is on a four-year cycle.

ENGL2903 Topics in Literature - 3 s.h.

Special studies in Literature designed primarily for the non-English major. Content may vary and will be announced at time of offering. When content changes, course may be repeated for credit. GE3C Liberal Learning-Humanities

ENGL3110 Critical Theory - 3 s.h.

Advanced study of literary, cultural, and moving image theory, and the application to written and filmic texts. GE3C Liberal Learning-Humanities +This course is only offered every other year.

ENGL3320 Creative Writing: Nonfiction - 3 s.h.

Study of nonfiction writing through the lens of sustainability. Investigates the maintenance of various systems that meet human needs (e.g. emotional, physical, social, environmental) through extensive nonfiction writing and class discussion. Emphasis on nonfiction as a means of self-discovery as well as an art form. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities.

ENGL3420 Language and Culture - 3 s.h.

An introduction to languaging and grammatical structures of the English language. Emphasizes the history and development of English in different cultural communities as a means to understand, rather than prescribe, how English-speakers use language. Students will engage with cultural interpretations of linguistics as a field of study to better understand the relationship between the evolution of languages and how that evolution plays a part in social justice issues. ELO5 Humanities - Innovation, GE3C Liberal Learning-Humanities.

ENGL3480 Cultural Studies - 3 s.h.

Explores cultural systems of meaning and attendant issues of power, particularly in terms of class, gender, nation, race, nature, and sexuality. Emphasis on commercial and media culture. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

HIST1200 History of the African Diaspora - 3 s.h.

A history of the people of African descent in the Americas, including the United States, as well as the Caribbean, Central and South America. Issues of survival and resistance, the persistence of racism and white supremacy, and struggles for freedom, across countries and time periods, will be stressed. ELO5 Histories - Equality, ELO5 Histories - Equality and Peace, GE3B Liberal Learning-Histories.

HIST1560 United States Environmental History - 3 s.h.

An examination of the complex relationship between human society and nature from early settlements to the present in what is now the United States. Important topics include the impact of human settlement, population growth, use of land and natural resources, the effects of industrialization, and the development of the conservation and environmental movements. ELO5 Histories - Sustainability, GE3B Liberal Learning-Histories.

HIST2420 United States History Since 1877 - 3 s.h.

A survey of the personalities, events, and ideas that have shaped United States history since the Civil War and Reconstruction. Emphasis upon the rise of the industrial United States, 20th century adjustments to prosperity, depression and world war, and the political, social, and economic changes since World War II. ELO5 Histories - Innovation, GE3B Liberal Learning-Histories.

HONR1010 Honors 101 - 3 s.h.

Interdisciplinary first-year seminar provides a common intellectual experience for new Honors students and introduces them to the culture and opportunities of a small liberal arts institution. Designed to help exceptional students produce, deliver, and, analyze written and oral texts and learn how written and oral performances function together in specific discourse communities. Substitutes for ENGL1100. Admission by selection only. ELO1A Communication, GE1B Foundational Skills-Writing and Communication.

HONR2010 Honors 201 - 3 s.h.

The second of two sequenced interdisciplinary Honors seminars focused on developing the skills of written and oral communication, critical inquiry, and research. Students produce, deliver, and analyze college-level written and oral texts based on sustained academic research, and continue to develop their understanding of critical discourse analysis and critical language awareness in the context of a range of discursive forms (written, oral, visual and/or multimedia). Reinforces the common intellectual experience of the Honors program and further exposes students to the culture and opportunities of a small liberal arts institution. Admission by selection only. Substitutes for COMM1100. Prerequisite: HONR1010. ELO1B Communication, GE1A Foundational Skills-Writing and Communication.

MATH1200 Mathematics for Liberal Arts - 3 s.h.

An overview of selected applications of mathematics for non-majors. Graph theory, cryptography, and voting theory. ELO6 Math

MATH1280 College Algebra - 3 s.h.

Solutions of polynomial, rational and radical equations, systems of equations, matrices, sequences, series, functions, exponentials.. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1310 Mathematical Concepts - 3 s.h.

A systematic development of whole number systems, geometry, set theory, counting, measurement, and algebra.. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1360 Statistics for Critical Thinking - 3 s.h.

A critical thinking approach to data analysis, measures of central tendency, dispersion, correlation, probability, estimation and hypothesis testing. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1370 Statistics for Sciences - 3 s.h.

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1500 Applied Calculus - 3 s.h.

An introduction to differential and integral calculus. Topics include limits, continuity, differentiation and integration techniques, and applications. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1510 Calculus I - 4 s.h.

Limits, continuity, differentiation, and applications including exponential, logarithmic, trigonometric, and inverse functions. Mean value theorem, curve sketching, Riemann sums, and the fundamental theorem of calculus. Prerequisite: 2 years high school algebra. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH2350 Discrete Mathematics - 3 s.h.

A survey of topics in discrete mathematics focusing on introductory logic, methods of mathematical proof, set theory, determinants and matrices, combinatorics, and graph theory. Prerequisite: Instructor approval for non-CSIT/MATH majors, 2 years high school algebra or MATH1280. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MUSC2350 Musics of the World - 3 s.h.

Explores the musical history of the planet's diverse human communities. Music is not one universal language but a group of languages that express, shape and record human experience. An intensive study of how music works within the social and cultural context including a specific examination of indigenous music of West Africa, Latin America, China, Indonesia, and Japan. ELO5 Arts - World Citizenship, ELO5 Arts - Equality and Peace, GE3E Liberal Learning-Arts.

MUSC3340 Music, Social Justice, and Activism - 3 s.h.

Music has long been used by movements seeking social change. This course will focus on how music has historically been used for social justice, activism, and reform both within the United States and worldwide. Additionally, it will foster critical discussion and reflection on a wide range of artistic activism and applied research. What is musical activism? What kind of social responsibilities do music researchers have? Can music be used to bring about social justice? This course will focus discussion on the sounds and sentiments of social activism in the public sphere and the value and challenge of cultural advocacy in civil society. GE3A Liberal Learning-Arts.

PSYC1300 Introductory Psychology - 3 s.h.

An introductory survey of psychological methods and thoughts as they relate to human experience and behavior. Topics include the role of the central nervous system in mediating behavior, learning and memory, states of awareness, motivation and emotion, personality, psychological disorders, and therapy. ELO5 Social Science – Innovation, GE3E Liberal Learning-Social Sciences.

PSYC2250 Developmental Psychology - 3 s.h.

The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

SCIE1200 Integrated Science with Lab - 4 s.h.

A broad overview of concepts from earth and space science (e.g., physical and historical geology, structure and processes of the hydrosphere, and astronomy), life sciences (e.g., structure and function of cells, levels of organization, genetics, evolution, classification and characteristics of the major groups of organisms, structures and functions of plant organs and systems, anatomy and physiology of animals (including human body systems), and ecology), and physical sciences (e.g., structure and properties of matter, relationships between energy and matter, chemical reactions, mechanics, electricity, magnetism, waves, and optics). Not intended for science majors. Additional fee required. Fulfills liberal learning science course. GE3D Liberal Learning-Natural Sciences

THTR1230 Theatre and Society - 3 s.h.

Designed to develop an understanding of how Theatre and society coexist in our world. Course fosters an appreciation for the theatre artist's skills and expertise. In this course students experience acting, design, and playwriting through collaborative group projects and interactive assignments. Students will explore the complex relationship between Theatre and society from the past to the present through presentations and class discussions. ELO5 Arts - Equality, ELO5 Arts - Equality and Peace, GE3A Liberal Learning-Arts.

THTR3330 Dramatic Media History - 3 s.h.
This course explores the evolution of performance and storytelling through various media forms, including theater, film, television, and digital platforms. Students examine key historical movements, influential artists, and technological advancements that have shaped dramatic expressions across cultures and eras. By analyzing texts, performances, and critical theories, the course encourages a deeper understanding of how media reflects and influences societal values, identity, and aesthetic trends, while fostering critical thinking and media literacy. Engaging discussions, presentations, and screenings enhance students' appreciation for the rich tapestry of dramatic arts throughout history. +This course is only offered every other year. GE3A Liberal Learning-Arts.

Alternative General Education Program

Alternative General Education Program
Students entering Graceland with 48 or more s.h. of transfer credit or students entering online or completion programs automatically qualify for the Alternative General Education program. Students must complete a total of 33 s.h. including:

1. 3 s.h. in each of the following areas: **speech, college-level mathematics, and natural science**.
2. 6 s.h. in **college composition**.
3. 9 s.h. in each of the following areas: **humanities** (literature, philosophy, religion, art, music, theatre, and foreign language courses), **social sciences** (economics, psychology, sociology, anthropology, political science/government, geography, history).

Life and Leadership

Life and Leadership

Designed to correlate students' extracurricular activities with what they learn in the classrooms, the 12 credit hours spread over the 4 years provides a systematic application of leadership principles to real world experience, with each year bringing an increasingly broad focus to this component of the Transformational Leadership Major.

The Life and Leadership sequence of courses includes the following courses. (12 s.h.)

- LEAD1300 Self-Leadership
- LEAD2300 Group Leadership
- LEAD3300 Organizational Leadership
- LEAD4300 Leadership Capstone or one of the following:
  – Equivalent capstone courses in Education and Nursing majors
  – HONR4800 Senior Honors Seminar
  – A 4000-level external internship in other majors.

Courses Offered

LEAD1300 Self-Leadership

LEAD2300 Group Leadership

LEAD3300 Organizational Leadership

LEAD4300 Leadership Capstone

Course Descriptions

LEAD1300 Self-Leadership - 3 s.h.

Exposes new students to the broad opportunities of the institution; and integrates new students into the life of the institution. Students will explore, apply, and reflect upon themes centering around communication, organization, collaboration, listening, and self-awareness. Students will understand the opportunity to engage in co-curricular circles, develop inside-and-outside-the-classroom identity, recognize leadership styles, and continue reflection of self-growth and leadership development.

LEAD2300 Group Leadership - 3 s.h.

Integrates personal life and leadership skills into the group setting while introducing additional complementary topics such as: stages of group development, extrinsic/intrinsic motivation, emotional intelligence, inclusivity, trust, group dynamics, conflict resolution, group roles, and integrity. Students will understand the roles of Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship in group leadership.

LEAD3300 Organizational Leadership - 3 s.h.

Applies leadership skills beyond individuals and groups to the organizational level. Students will explore social intelligence, conflict management and resolution, bias assessment, information collection, and evidence assessment. Students will enroll in, complete, and reflect upon assigned SkillPath Leadership courses. Students will apply Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship in organizational leadership.

LEAD4300 Leadership Capstone - 3 s.h.

The capstone course of the LEAD series at Graceland University is an integrated and applied experience mentored by acknowledged leaders at the university or by external educational, business, or health care mentors outside the university. Students will apply and share with the university their holistic development as a student over their time at Graceland University including their development both inside and outside the classroom to build confidence in the leadership skills they have developed for their futures via a portfolio addressing these applied and reflective topics.

Strategic Skills

Strategic Skills

These three courses set students on a path to developing strategic skills in the respective areas fundamental to the mission of Graceland University. Students are introduced to and explore a variety of concepts important to these subject areas and which give them skills to use throughout their lifetimes.

The Strategic Skills sequence includes the following courses. (9 s.h.)

UNIV1100 Digital Fluency and Citizenship

UNIV1200 Health and Wholeness

UNIV2100 Social Responsibility

Courses Offered

UNIV1100 Digital Fluency and Citizenship

UNIV1200 Health and Wholeness

UNIV2100 Social Responsibility

Course Descriptions

UNIV1100 Digital Fluency and Citizenship - 3 s.h.

An introduction to the concepts of responsible activity and practices in the digital world, important software tools, and understanding the use of data and data analytics in the digital economy. The course teaches students relevant skills necessary to analyze data, prepare visualizations of data, and engage in the digital economy.

UNIV1200 Health and Wholeness - 3 s.h.

Introduces students to foundational concepts in health and wellness as well as practices that promote life-long wholeness, including physical and mental health risk assessment and mitigation.

UNIV2100 Social Responsibility - 3 s.h.

Provides students an introductory foundation in social responsibility and ethics in the context of moral, social, and environmental issues. Students will be given the opportunity to understand how personal views, choices, privileges, and behaviors impact their communities and those of other individuals. Students will learn to engage in compassionate and constructive dialogue about diverse perspectives.

[1]No more than 8 s.h. of Physical Education activity courses numbered 0000-1000 may be presented toward the 120 hours required for graduation. No more than 4 s.h. of the 8 s.h. applied toward graduation may be earned through varsity athletics.

Up to 12 s.h. of PHED1700/2700/3700/4700 allowed toward total hours for graduation.

Non-music majors may present no more than 8 s.h. of music ensemble credit toward graduation. Music majors may present 12 s.h. of music ensemble credit.

No more than 8 s.h. of Theatre Production Studies/ Advanced Theatre Production Studies may be counted toward credits required for graduation.

No more than two developmental courses, number DEVL0000-1990, may be applied toward graduation.

No more than 4 s.h. of Free Market Practicum (BUAD3350) may be counted toward any graduation requirement.

[2]A Graceland student engaged in a formal program of study abroad, whether sponsored by a foreign or domestic institution of higher learning, will be considered "in residence" for a maximum of one academic year if he/she has his/her proposed program of study approved in advance by the Registrar and by the chairperson of the division in which he/she plans to major, and if he/she claims intent to complete a degree at Graceland.

[3]First time Freshmen, Freshmen transfers, and Sophomore transfers with less than 48 hours are required to take the Transformational Leadership Major. Students transferring in 48 semesters hours or more can choose to OPT IN or OPT OUT of the Transformational Leadership sequence. Student classification will be determined by their year of matriculation to Graceland University and the credit hours they have earned.

Starting with the 2024-25 academic year: Juniors or Seniors who choose to OPT IN to Transformational Leadership to earn the Minor are required to take LEAD3300, LEAD4300 plus the three strategic skills courses (Health and Wholeness, Digital Fluency and Citizenship, Social Responsibility) for a total of 15 semester hours. This will earn these students a Transformational Leadership Minor. Junior or Senior transfer students may take only part of the leadership sequence but will not earn the Minor.

[4]Students who have completed an Associate of Arts (AA) or Associate of Science (AS) degree from a regionally accredited institution of higher education will automatically receive an General Education waiver. A student holding a BA, BS, BSN, or a more advanced degree from an accredited institution other than Graceland desiring to qualify for another major and/or degree is considered to have met the intent of the general education program by completion of the earlier degree. Such a candidate would be required to meet the major course and residence requirements only.

[5]Students transferring will join the sequence during their first semester at Graceland. Life and Leadership should NOT hold a student back from their graduation plan.

- First time Freshmen will move into LEAD1300 in the Fall and Spring Semesters.
- Freshman transfer students will move directly into LEAD1300 regardless of Fall or Spring start.
- Transfer students (spring Freshman level to spring Junior level) simply join into the sequenced course where non-transfers would be. (Spring Freshman transfer LEAD1300, Fall sophomore transfer LEAD2300, etc.)

[6]Students in the BSN face-to-face and degree completion programs will follow a different path.

NOTE: A student completing two majors at Graceland on two different graduation dates will receive a second degree only if:

1. he/she has earned at least 24 semester hours that apply to the second major after completion of the first, and
2. the two majors normally lead to two different degrees (BA, BS, BSN)

Otherwise students will receive a single degree with a notation on the transcript that a second major has been earned. If a student is awarded a single degree with two or more majors, the student's declaration of a first major will determine whether the degree awarded will be a BA, BS, or BSN.

NOTE: Only courses that count toward a major may count toward a minor in that subject area.

Participation in Commencement Ceremony

It is the responsibility of the student to apply for graduation preferably one year prior to the anticipated graduation date, but not later than 30 days prior to the graduation ceremony.

Two commencement ceremonies are available each academic year.

1. Fall Commencement Ceremony – Independence, MO
    1. The primary ceremony for graduate and online students as well as baccalaureate (BA or BS) students whose programs are based in Independence. It is the only ceremony for those earning a baccalaureate degree (BSN) from the School of Nursing (SON) during that academic year. The Registrar must verify that all degree requirements will be met by the end of the spring trimester. Petitions are not required for these graduates to participate.
    2. This ceremony is also an option for all other baccalaureate graduates during the academic year. Petitions are required for graduates who anticipate completion of requirements by the end of the spring trimester/semester. Petitions (https://pubdocs.graceland.edu/Registrar/StdPetFrm.pdf) are considered by the Curricular Adjustment Committee (CAC).
2. Spring Commencement Ceremony – Lamoni, IA
    1. This ceremony serves primarily traditional, undergraduate students earning a baccalaureate degree, other than SON graduates. Petitions are required for students who anticipate completing their programs by the end of the calendar year and who want to participate. Petitions (https://pubdocs.graceland.edu/Registrar/StdPetFrm.pdf) are considered by the Curricular Adjustment Committee (CAC).
3. Graduates who finish degree requirements during the academic year will attend a ceremony during that academic year, and will not be allowed to choose to attend a ceremony during the next academic year.
4. Students who have graduation deficiencies but present documented evidence for a plan to complete those deficiencies by the end of the calendar year may participate in a commencement celebration alongside the classmates with which they have the most in common.
    1. Petitions are required for graduates who want to participate in the ceremony and are not registered for all required courses, but anticipate completion of requirements by the end of the calendar year. Petitions (https://pubdocs.graceland.edu/Registrar/StdPetFrm.pdf) are considered by the CAC.
    2. Students who participate in Commencement will receive diplomas only when they have completed all graduation requirements. Diplomas will be sent to graduates who have completed all graduation requirements before Commencement. These students will be listed on the program as "candidates for graduation."
    3. Documentation is to be submitted to the Registrar and should include a written request to participate in the Commencement Ceremony along with proof of registration in the deficient coursework.

Preparing for Graduation

At least twelve months prior to the fall or spring commencement convocations, students wishing to participate in the ceremony must complete and submit an Application for Graduation (https://my.graceland.edu/ICS/Student/Academics/Electronic_Forms.jnz?portlet=Jenzabar_Contained_Form&screen=FormView&form=de7d368d-d268-427d-82b5-0ebb64cdcdbe). Submitting an application will activate a series of communications that will keep applicants informed about possible graduation discrepancies needing to be resolved, ordering caps and gowns, and the schedule of commencement activities. A graduation fee is assessed after receipt of the application.

Honors Program



Bachelor of Arts Honors Degree
Bachelor of Science Honors Degree
Bachelor of Science in Nursing Honors Degree

In addition to meeting all other graduation and major requirements, students wishing to earn an honors degree from Graceland University must be formally admitted to the honors program by the Honors Director, graduate with a minimum grade point average of 3.25, both cumulative and in their honors work, and complete a minimum of 21 s.h. of honors credit, including:

HONR1010 Honors 101 – 3 s.h.
HONR2010 Honors 201 – 3 s.h.
HONR2300 Intellectual Curiosity – 3 s.h.
HONR3800 Junior Honors Seminar – 3 s.h.
HONR4800 Senior Honors Seminar – 3 s.h.
ACCT-THTR4850 Honors Thesis/Senior Project (discipline number assigned to correspond to topic) – 3 s.h.

In additional, one 3 s.h. honors course earned through specially designed individual study, honors contract that converts regular class offering to honors course, or specially designed honors offering.

Application for admission to the Honors Program (https://www.graceland.edu/academics/honors-program/) may be made upon admission to the university or anytime during a student's college career provided they plan to remain active in the Honors program for a minimum of two full years. Successful applicants are normally expected to meet both of the following criteria:

1. A composite Enhanced ACT score of 25 (SAT 1140) or above.
2. A minimum 3.50 cumulative grade point average at the time of admission into the program.

The Honors Council is, however, free to admit other students who present alternative evidence of exceptional academic promise. Students interested in admission to the program but for whom ACT or SAT scores are low or not available are urged to consult with the program director.

Honors Program Courses

Courses Offered

ACCT-THTR4850 Honors Thesis/Senior Project

HONR1010 Honors 101

HONR2010 Honors 201

HONR2300 Intellectual Curiosity

HONR3800 Junior Honors Seminar

HONR3950 Honors Colloquium

HONR4800 Senior Honors Seminar

Course Descriptions

ACCT-THTR4850 Honors Thesis/Senior Project - 3 s.h.
A major scholarly paper or senior project planned by the honors student and executed in consultation with an approved faculty member. To count toward an honors degree, the student must receive a grade of A or B. The thesis/project will be evaluated on the basis of its originality, quality of research, and presentation. A prospectus must be approved by the Honors Council before significant work is begun. The subject of the thesis/project may be outside the student's major and may be interdisciplinary in scope. Prerequisites: Senior standing and admission to the Honors Program.

HONR1010 Honors 101 - 3 s.h.

Interdisciplinary first-year seminar provides a common intellectual experience for new Honors students and introduces them to the culture and opportunities of a small liberal arts institution. Designed to help exceptional students produce, deliver, and, analyze written and oral texts and learn how written and oral performances function together in specific discourse communities. Substitutes for ENGL1100. Admission by selection only. ELO1A Communication, GE1B Foundational Skills-Writing and Communication.

HONR2010 Honors 201 - 3 s.h.

The second of two sequenced interdisciplinary Honors seminars focused on developing the skills of written and oral communication, critical inquiry, and research. Students produce, deliver, and analyze college-level written and oral texts based on sustained academic research, and continue to develop their understanding of critical discourse analysis and critical language awareness in the context of a range of discursive forms (written, oral, visual and/or multimedia). Reinforces the common intellectual experience of the Honors program and further exposes students to the culture and opportunities of a small liberal arts institution. Admission by selection only. Substitutes for COMM1100. Prerequisite: HONR1010. ELO1B Communication, GE1A Foundational Skills-Writing and Communication.

HONR2300 Intellectual Curiosity - 3 s.h.

Student-driven course designed to explore and develop the unique skill of curiosity. Students who are intellectually curious ask big question, explore diverse topics, and value learning for its own sake, always seeking to understand how and why things are the way they are. Also a predictor of academic success, curiosity is an important trait that employers seek, since exploring alternatives and being adaptable best prepares someone for a rapidly changing world.

HONR3800 Junior Honors Seminar - 3 s.h.

A series of weekly discussions of topics selected by seminar participants for a broad cross section of intellectual disciplines. Each participant is required to prepare specified readings in advance of weekly sessions and to share in planning and conducting discussions. Offered in the fall semester only. Prerequisites: Admission to the Honors Program and junior or senior standing.

HONR3950 Honors Colloquium - 1-3 s.h.

Opportunity for a small group of advanced students to pursue in-depth study of an area or topic of interest. Will be offered on demand when faculty are available. May be repeated for credit as topics change. Graded on a Pass/Fail basis. Prerequisite: Admission to the Honors Program.

HONR4800 Senior Honors Seminar - 3 s.h.

A series of weekly discussions of topics selected by seminar participants for a broad cross section of intellectual disciplines. Each participant is required to prepare specified readings in advance of weekly sessions and to share in planning and conducting discussions. Offered in the fall semester only. Prerequisites: Admission to the Honors Program and junior or senior standing.

Course Numbering System

Course numbers have the following meanings:

a. The subject area in a course number will be represented by either two digits preceding a colon or by a four alpha character code:

School of Business		
ACCT	39	Accounting
AGRI	79	Agricultural Business
BUAD	40	Business Administration
BUED	42	Business Education
ECON	41	Economics
ITEC	75	Information Technology
ORGL		Organizational Leadership
SPMT		Sport Management
Visual and Performing Arts Division		
ARTS	10	Art
	11	Fine Arts – General
MUSC	14	Music
THTR	12	Theatre
Health and Movement Science Division		
ATHT		Athletic Training
HLTH	51	Health
HMSC		Health/Movement Science
HPER	58	Health, PE & Recreation
NHPW		Nutrition, Human Performance and Wellness
PHED	54	Physical Education

RECR	55	Recreation
Humanities Division		
COMM		Communication
ENGL	30	English
ENSL	30	English as a Second Language
FREN	32	French
GRMN	33	German
HONR		Honors
HUMN	70	Humanities
INTC		Interdisciplinary Cluster
JAPN	35	Japanese
MFLG	31	Modern Foreign Language
PHIL	48	Philosophy
RELG	49	Religion
SPAN	34	Spanish
SPCM	38	Speech Communication
SUST		Sustainability
Science and Mathematics Division		
BIOL	20	Biology
CHEM	22	Chemistry
CPSC	23	Computer Science
CSIT		Computer Science & Information Technology
DSCI		Data Science
MATH	28	Mathematics
PHYS	24	Physics
SCIE	21	Science
Social Science Division		

ARCH		Archeology
CRMJ	74	Criminal Justice
GEOG	43	Geography
HIST	47	History
HMSV		Human Services
INTD	70	Interdisciplinary
INTL	71	International Studies
PEAC	73	Peace Studies
POLS	44	Political Science
PSYC	52	Psychology
SOCI	45	Sociology
SOCW	46	Social Welfare
SOSC	78	Social Science/Social Studies
School of Education		
CEED		Continuing Education – Education
EDUC	50	Education
School of Nursing		
ADST	62	Addiction Studies
HCAD	61	Health Care Administration
NURS	60/NU	Nursing
Physical Therapy		
DPTP		Physical Therapy – Graduate
Seminary		
CIMM		Continuing Education-Seminary
General		
CONS		Approved Consortium
CRPL		Career Planning

CTED	81	Continuing Education
DEVL	90	Developmental
GNRL	80	General Elective
GOAL		General Education Goal
LEAD		Leadership
LBST	72	Liberal Studies
ORIE	80	Orientation
UNIV		University
WTRM	76/77	Winter Term

b. The four digits following the course number represent the specific course and its classification: (Courses prior to Summer 2000 contain only three digits following the course number.)

1000 – 1999	Freshman Level
2000 – 2999	Sophomore Level
3000 – 3999	Junior Level
4000 – 4999	Senior Level
5000 – 8999	Graduate Level

Programs of study, graduation requirements, and courses offered by the university are under constant study and revision. When such revisions occur, the university will make all reasonable efforts to minimize the accommodations required in the planning of academic programs of individual students.

However, the university reserves the right to change requirements without notice. Current requirements may be obtained by contacting the Registrar’s Office.

Accounting

Bachelor of Arts Degree



BA Degree - Accounting Major

In addition to the general education requirements, majors in Accounting must complete a **concentration of 36 semester hours** in Accounting and Economics including:

- ACCT2310 Financial Accounting – 3 s.h.
- ACCT2320 Managerial Accounting – 3 s.h.
- ACCT3220 Agricultural Accounting and Taxation – 3 s.h.
- ACCT3310 Tax Accounting – 3 s.h.
- ACCT3360 Intermediate Accounting I – 3 s.h.

ACCT3400 Cost Accounting for Managerial Control and Strategic Planning – 3 s.h.

ACCT3460 Intermediate Accounting II – 3 s.h.

ACCT4100 Auditing Concepts and Applications: A Risk Analysis Approach – 3 s.h.

ACCT4120 Internship in Accounting – 3 s.h.

BUAD4220 Seminar in Accounting and Finance – 3 s.h.

ECON2100 Introductory Economic Data Analysis – 3 s.h.

Upper Division Accounting Elective – 3 s.h.

Courses Required for General Education:

ECON1320 Principles of Microeconomics – 3 s.h.

MATH1280 College Algebra – 3 s.h.

MATH1370 Statistics for Sciences – 3 s.h.

Students planning to sit for the CPA Exam will need additional hours. Accounting majors are encouraged to also complete the Business Management major.

Other Recommendations: Leadership Academy Certificate

Courses Offered

ACCT2310 Financial Accounting

ACCT2320 Managerial Accounting

ACCT3220 Agricultural Accounting and Taxation

ACCT3310 Tax Accounting

ACCT3360 Intermediate Accounting I

ACCT3400 Cost Accounting for Managerial Control and Strategic Planning

ACCT3460 Intermediate Accounting II

ACCT4100 Auditing Concepts and Applications – A Risk Analysis Approach

ACCT4120 Internship in Accounting

BUAD4220 Seminar in Accounting and Finance

ECON1320 Principles of Microeconomics

ECON2100 Introductory Economic Data Analysis

MATH1370 Statistics for Sciences

MATH1500 Applied Calculus

Course Descriptions

ACCT2310 Financial Accounting - 3 s.h.

An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

ACCT2320 Managerial Accounting - 3 s.h.

The selection and analysis of accounting information for internal use by management. Prerequisite: ACCT2310.

ACCT3220 Agricultural Accounting and Taxation - 3 s.h.

Exposure to accounting methods and taxation policies specific to agricultural producers and businesses. Prerequisite: ACCT2310 Financial Accounting.

ACCT3310 Tax Accounting - 3 s.h.

A study of federal income tax provisions relating to individuals, corporations, and partnerships.

ACCT3360 Intermediate Accounting I - 3 s.h.

Accounting theory and practice applicable to determination of asset values and related problems of income determination. Prerequisites: ACCT2320.

ACCT3400 Cost Accounting for Managerial Control and Strategic Planning - 3 s.h.

Development of cost accumulation and reporting systems for a firm's strategy and structure with an emphasis on integrating cost information into the firms strategic plan. Prerequisite: ACCT2320 and MATH1370. +This course is only offered every other year.

ACCT3460 Intermediate Accounting II - 3 s.h.

Accounting theory and practice applicable to liabilities and owner’s equity, special problem areas related to income determination and financial reporting, and international transactions. Prerequisite: ACCT3360.

ACCT4100 Auditing Concepts and Applications – A Risk Analysis Approach - 3 s.h.

An introduction to the study of auditing principles and standards. Provides a working knowledge of auditing procedures. Prerequisite: ACCT3360.

ACCT4120 Internship in Accounting - 1-3 s.h.

An internship that allows students to work with accountants. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. Prerequisite: Instructor's consent. (Graded on a Pass/Fail basis).

BUAD4220 Seminar in Accounting and Finance - 3 s.h.

A comprehensive capstone course for students majoring in Finance that integrates material from previous courses taken in the major and explores a wide range of finance-related topics, including the ethical issues affecting the current financial environment of business firms. Pre-requisites: BUAD3370, BUAD3380.

ECON1320 Principles of Microeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

ECON2100 Introductory Economic Data Analysis - 3 s.h.

An introduction to economic data and statistical techniques commonly applied in business settings. Topics include understanding the basics of data interpretation, manipulation, and visualization. Students will learn how to carry out and interpret basic linear regression and other methods of statistical analysis in Excel.

MATH1370 Statistics for Sciences - 3 s.h.

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1500 Applied Calculus - 3 s.h.

An introduction to differential and integral calculus. Topics include limits, continuity, differentiation and integration techniques, and applications. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

Accounting Minor

A minor in Accounting consists of **18 semester hours or more in Accounting (except Seminar in Accounting)** including:

ACCT2310 Financial Accounting

ACCT2320 Managerial Accounting

ACCT3360 Intermediate Accounting I

Courses Offered

ACCT2310 Financial Accounting

ACCT2320 Managerial Accounting

ACCT3360 Intermediate Accounting I

Course Descriptions

ACCT2310 Financial Accounting - 3 s.h.
An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

ACCT2320 Managerial Accounting - 3 s.h.
The selection and analysis of accounting information for internal use by management. Prerequisite: ACCT2310.

ACCT3360 Intermediate Accounting I - 3 s.h.
Accounting theory and practice applicable to determination of asset values and related problems of income determination. Prerequisites: ACCT2320.

Data Analytics for Accounting Certificate

Students wishing to earn the Data Analytics for Accounting certificate must complete the following 18 credit hours with Graceland University.

ACCT2310 Financial Accounting – 3 s.h.

ACCT2320 Managerial Accounting – 3 s.h.

ACCT4100 Auditing Concepts and Applications – A Risk Analysis Approach – 3 s.h.

CSIT1100 Principles of Computing (Python Programming) – 3 s.h.

DSCI1500 Principles of Data Science and Analytics – 3 s.h.

DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

Courses Offered

ACCT2310 Financial Accounting

ACCT2320 Managerial Accounting

ACCT4100 Auditing Concepts and Applications – A Risk Analysis Approach

CSIT1100 Principles of Computing (Python Programming)

DSCI1500 Principles of Data Science and Analytics

DSCI4700 Capstone for Data Analytics Certificates

Course Descriptions

ACCT2310 Financial Accounting - 3 s.h.

An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

ACCT2320 Managerial Accounting - 3 s.h.

The selection and analysis of accounting information for internal use by management. Prerequisite: ACCT2310.

ACCT4100 Auditing Concepts and Applications – A Risk Analysis Approach - 3 s.h.

An introduction to the study of auditing principles and standards. Provides a working knowledge of auditing procedures. Prerequisite: ACCT3360.

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

Course list - Accounting

Courses Offered

ACCT2000 Individual Study

ACCT2310 Financial Accounting

ACCT2320 Managerial Accounting

ACCT3000 Individual Study

ACCT3210 Financial Statement Reporting and Analysis

ACCT3220 Agricultural Accounting and Taxation

ACCT3310 Tax Accounting

ACCT3360 Intermediate Accounting I

ACCT3400 Cost Accounting for Managerial Control and Strategic Planning

ACCT3460 Intermediate Accounting II

ACCT3560 Accounting Information Systems

ACCT3560 Accounting Information Systems

ACCT3900 Topics in Accounting

ACCT4000 Individual Study

ACCT4100 Auditing Concepts and Applications – A Risk Analysis Approach

ACCT4120 Internship in Accounting

Course Descriptions

ACCT2000 Individual Study - 1-3 s.h.

Individual study programs are self-directed learning experiences designed and carried out by the student with minimal assistance from others. Programs may be proposed for 1-3 s.h. credit as a means of meeting the student's specific educational objectives beyond the regular course offerings.

ACCT2310 Financial Accounting - 3 s.h.

An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

ACCT2320 Managerial Accounting - 3 s.h.

The selection and analysis of accounting information for internal use by management. Prerequisite: ACCT2310.

ACCT3000 Individual Study - 1-3 s.h.

Individual study programs are self-directed learning experiences designed and carried out by the student with minimal assistance from others. Programs may be proposed for 1-3 s.h. credit as a means of meeting the student's specific educational objectives beyond the regular course offerings.

ACCT3210 Financial Statement Reporting and Analysis - 3 s.h.

The financial theory and application in financial statement analysis from the perspective of financial statement users. Students will learn to interpret and analyze financial statements for tasks such as credit and security analyses, lending and investment decisions, and other managerial decisions that rely on financial data. Prerequisite: ACCT2310.

ACCT3220 Agricultural Accounting and Taxation - 3 s.h.

Exposure to accounting methods and taxation policies specific to agricultural producers and businesses. Prerequisite: ACCT2310 Financial Accounting.

ACCT3310 Tax Accounting - 3 s.h.

A study of federal income tax provisions relating to individuals, corporations, and partnerships.

ACCT3360 Intermediate Accounting I - 3 s.h.

Accounting theory and practice applicable to determination of asset values and related problems of income determination. Prerequisites: ACCT2320.

ACCT3400 Cost Accounting for Managerial Control and Strategic Planning - 3 s.h.

Development of cost accumulation and reporting systems for a firm's strategy and structure with an emphasis on integrating cost information into the firms strategic plan. Prerequisite: ACCT2320 and MATH1370. +This course is only offered every other year.

ACCT3460 Intermediate Accounting II - 3 s.h.

Accounting theory and practice applicable to liabilities and owner’s equity, special problem areas related to income determination and financial reporting, and international transactions. Prerequisite: ACCT3360.

ACCT3560 Accounting Information Systems - 3 s.h.

This course introduces students to the design, implementation, and control of accounting information systems. Emphasis is placed on how accounting data is captured, processed, and reported using modern technology and internal control frameworks. Topics include systems documentation, database management, data analytics, cybersecurity, internal controls, and the integration of enterprise resource planning (ERP) systems. Students will gain hands-on experience using accounting software and learn how technology supports financial reporting, auditing, and managerial decision-making.

ACCT3560 Accounting Information Systems - 3 s.h.

This course introduces students to the design, implementation, and control of accounting information systems. Emphasis is placed on how accounting data is captured, processed, and reported using modern technology and internal control frameworks. Topics include systems documentation, database management, data analytics, cybersecurity, internal controls, and the integration of enterprise resource planning (ERP) systems. Students will gain hands-on experience using accounting software and learn how technology supports financial reporting, auditing, and managerial decision-making.

ACCT3900 Topics in Accounting - 1-3 s.h.

Study of selected topics from areas in accounting such as governmental accounting and advanced tax. Topics are announced prior to each semester they are offered. May be repeated for credit when the topics vary.

ACCT4000 Individual Study - 1-3 s.h.

Individual study programs are self-directed learning experiences designed and carried out by the student with minimal assistance from others. Programs may be proposed for 1-3 s.h. credit as a means of meeting the student's specific educational objectives beyond the regular course offerings.

ACCT4100 Auditing Concepts and Applications – A Risk Analysis Approach - 3 s.h.

An introduction to the study of auditing principles and standards. Provides a working knowledge of auditing procedures. Prerequisite: ACCT3360.

ACCT4120 Internship in Accounting - 1-3 s.h.

An internship that allows students to work with accountants. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. Prerequisite: Instructor’s consent. (Graded on a Pass/Fail basis).

Agricultural Business



BA Degree - Agricultural Business Major

In addition to the essential education requirements, majors in Agricultural Business must complete a **concentration of 36 semester hours** in Accounting, Agriculture, Business and Economics including:

- ACCT2310 Financial Accounting – 3 s.h.
- ACCT3220 Agricultural Accounting and Taxation – 3 s.h.
- AGRI1200 Sustainable International Agriculture – 3 s.h.
- AGRI2300 Global Innovations in Crop Production and Soil Management – 3 s.h.
- AGRI2100 Agricultural Management and Markets – 3 s.h.

AGRI3100 Agricultural Finance and Resource Allocation – 3 s.h.

BUAD2330 Principles of Marketing – 3 s.h.

BUAD4340 Business Law and Ethics – 3 s.h.

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation – 3 s.h.

ECON1300 Principles of Macroeconomics – 3 s.h.

ECON2100 Introductory Economic Data Analysis – 3 s.h.

Electives in Accounting, Agriculture, Business, or Economics – 3 s.h.

Courses Required for General Education:

ECON1320 Principles of Microeconomics – 3 s.h.

MATH1280 College Algebra – 3 s.h.

MATH1370 Statistics for Sciences – 3 s.h.

Recommended in addition to required courses for Agricultural Business:

Internship in Ag Business

Other Recommendations:

Leadership Academy Certificate

Courses Offered

ACCT2310 Financial Accounting

ACCT3220 Agricultural Accounting and Taxation

AGRI1200 Sustainable International Agriculture

AGRI2100 Agricultural Management and Markets

AGRI2300 Global Innovation in Crop Production and Soil Management

AGRI3100 Agricultural Finance and Resource Allocation

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation

ECON1300 Principles of Macroeconomics

ECON1320 Principles of Microeconomics

ECON2100 Introductory Economic Data Analysis

MATH1280 College Algebra

MATH1360 Statistics for Critical Thinking

Course Descriptions

ACCT2310 Financial Accounting - 3 s.h.

An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

ACCT3220 Agricultural Accounting and Taxation - 3 s.h.

Exposure to accounting methods and taxation policies specific to agricultural producers and businesses. Prerequisite: ACCT2310 Financial Accounting.

AGRI1200 Sustainable International Agriculture - 3 s.h.

Sustainable International Agriculture explores global issues, incremental and transformative steps toward sustainable agriculture, international development opportunities, current agricultural industries, educational pathways, and career options. Content includes emphasis on understanding the need for agricultural infrastructure and production, embracing sustainability, and appreciating broad-based, liberating (essential) education. ELO4 Global Learning - Sustainability

AGRI2100 Agricultural Management and Markets - 3 s.h.

Overview of agricultural management and markets including exposure to management of commodity/livestock production, product differentiation/promotion, pricing issues, and distribution opportunities/challenges. Prerequisite: ECON1320 Microeconomics.

AGRI2300 Global Innovation in Crop Production and Soil Management - 3 s.h.

An analytical course in agronomy applying multiple perspectives in studying crops, soils, and environmental sciences to understand the interconnectedness of agricultural systems in global communities. Includes questioning the sources of assumptions about and the strengths/weaknesses of

past innovations of production and management. Recognizes the soil and crops as the sources of food, fiber, and fuel and emphasizes the need for diverse innovation in varied ecosystems to improve global conditions. ELO4 Global Learning - Innovation +This course is only offered every other year.

AGRI3100 Agricultural Finance and Resource Allocation - 3 s.h.

Application of economics and financial resource allocation to agricultural businesses from producer to distributor to the end consumer. Content includes equity and credit practices for operations and for capital investments. Prerequisite: ECON1320 Microeconomics.

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation - 3 s.h.

This is the capstone course for Business Management, Marketing, and Agricultural Business Majors. The Senior Seminar in Design Thinking for Strategic Innovation is structured with a rigorous approach, emphasizing practical application and critical analysis of design thinking principles to solve real-world strategic challenges. Students engage in advanced problem-solving frameworks, including empathy-driven research, ideation, prototyping, and iterative testing, requiring them to think innovatively and strategically. Throughout the course, they apply design thinking methodologies to complex business scenarios, work on team-based projects, and receive continuous feedback to refine their solutions. The course rigor is reflected in its demand for creativity, strategic foresight, and the ability to navigate ambiguity, preparing students to lead innovation within dynamic business environments. Prerequisites: BUAD2380, BUAD3320, BUAD3330, and MATH1360.

ECON1300 Principles of Macroeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, national income, international trade and finance, fiscal policy, monetary policy, money, and banking. Prerequisite: 1 year high school algebra; geometry recommended. ELO5 Social Science - World Citizenship, ELO5 Social Science - Innovation

ECON1320 Principles of Microeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

ECON2100 Introductory Economic Data Analysis - 3 s.h.
An introduction to economic data and statistical techniques commonly applied in business settings. Topics include understanding the basics of data interpretation, manipulation, and visualization. Students will learn how to carry out and interpret basic linear regression and other methods of statistical analysis in Excel.

MATH1280 College Algebra - 3 s.h.
Solutions of polynomial, rational and radical equations, systems of equations, matrices, sequences, series, functions, exponentials.. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1360 Statistics for Critical Thinking - 3 s.h.
A critical thinking approach to data analysis, measures of central tendency, dispersion, correlation, probability, estimation and hypothesis testing. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

Agricultural Business Minor

A minor in Agricultural Business **consists of 18 semester hours** as follows:

- ACCT2310 Financial Accounting – 3 s.h.
- ACCT3220 Agricultural Accounting and Taxation – 3 s.h.
- AGRI1200 Sustainable International Agriculture – 3 s.h.
- AGRI2100 Agricultural Management and Markets – 3 s.h.
- AGRI3100 Agricultural Finance and Resource Allocation – 3 s.h.
- ECON1320 Principles of Microeconomics – 3 s.h.

Courses Offered

ACCT2310 Financial Accounting

ACCT3220 Agricultural Accounting and Taxation

AGRI1200 Sustainable International Agriculture

AGRI2100 Agricultural Management and Markets

AGRI3100 Agricultural Finance and Resource Allocation

ECON1320 Principles of Microeconomics

Course Descriptions

ACCT2310 Financial Accounting - 3 s.h.

An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

ACCT3220 Agricultural Accounting and Taxation - 3 s.h.

Exposure to accounting methods and taxation policies specific to agricultural producers and businesses. Prerequisite: ACCT2310 Financial Accounting.

AGRI1200 Sustainable International Agriculture - 3 s.h.

Sustainable International Agriculture explores global issues, incremental and transformative steps toward sustainable agriculture, international development opportunities, current agricultural industries, educational pathways, and career options. Content includes emphasis on understanding the need for agricultural infrastructure and production, embracing sustainability, and appreciating broad-based, liberating (essential) education. ELO4 Global Learning - Sustainability

AGRI2100 Agricultural Management and Markets - 3 s.h.

Overview of agricultural management and markets including exposure to management of commodity/livestock production, product differentiation/promotion, pricing issues, and distribution opportunities/challenges. Prerequisite: ECON1320 Microeconomics.

AGRI3100 Agricultural Finance and Resource Allocation - 3 s.h.

Application of economics and financial resource allocation to agricultural businesses from producer to distributor to the end consumer. Content includes equity and credit practices for operations and for capital investments. Prerequisite: ECON1320 Microeconomics.

ECON1320 Principles of Microeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

Agricultural Plant and Animal Sciences Minor

A minor in Agricultural Plant and Animal Sciences requires 19 semester hours to include:

AGRI2300 Global Innovations in Crop Production and Soil Management – 3 s.h.

BIOL1500 Biology I – 4 s.h. **or** BIOL1520 Biology II – 4 s.h.

BIOL3430 Animal Biology – 4 s.h.

BIOL3450 Plant Biology – 4 s.h.

BIOL/CHEM1200 Environmental Science – 4 s.h.

Courses Offered

AGRI2300 Global Innovation in Crop Production and Soil Management

BIOL1500 Biology I with Lab

BIOL1520 Biology II with Lab

BIOL3430 Animal Biology with Lab

BIOL3450 Plant Biology with Lab

CHEM1200 Environmental Science with Lab (also BIOL1200)

Course Descriptions

AGRI2300 Global Innovation in Crop Production and Soil Management - 3 s.h.

An analytical course in agronomy applying multiple perspectives in studying crops, soils, and environmental sciences to understand the interconnectedness of agricultural systems in global communities. Includes questioning the sources of assumptions about and the strengths/weaknesses of past innovations of production and management. Recognizes the soil and crops as the sources of food, fiber, and fuel and emphasizes the need for diverse innovation in varied ecosystems to improve global conditions. ELO4 Global Learning - Innovation +This course is only offered every other year.

BIOL1500 Biology I with Lab - 4 s.h.

A study of the diversity of life (prokaryotes, protists, fungi, plants, and animals), focusing on the key characteristics of life, the evolutionary processes that shape life, and the ecological interactions among organisms and their physical environments. Includes a lab. Additional fee required.

BIOL1520 Biology II with Lab - 4 s.h.

A comparative study of form and function across organisms, focusing on the various structures and strategies used by plants and animals to fulfill basic life needs, levels of organization (cells, tissues, organs, and organ systems), and the chemical reactions of metabolism. Includes a lab. Additional fee required.

BIOL3430 Animal Biology with Lab - 4 s.h.

A survey of the major groups in the animal kingdom, including sponges, cnidarians, molluscs, arthropods, echinoderms, vertebrates, etc. Within each group, taxonomy, internal and external form, reproduction, nutrition, and habitat will be considered. Prerequisite: BIOL1500 or BIOL1520 or instructor's consent. +This course is only offered every other year.

BIOL3450 Plant Biology with Lab - 4 s.h.

A survey of the major groups in the plant kingdom, including nonvascular plants, ferns and fern allies, gymnosperms, and angiosperms. Within each group, taxonomy, internal and external form, and reproductive life cycles will be considered. In addition, plant growth and metabolism, algae, and fungi will be covered. Prerequisite: BIOL1500 or BIOL1520 or instructor's consent. +This course is only offered every other year.

CHEM1200 Environmental Science with Lab (also BIOL1200) - 4 s.h.

An exploration of the biotic and abiotic components of the environment, including the biological, physical, and chemical processes that shape natural ecosystems (e.g., biogeochemical cycles). The course will also examine the impact of human population growth, resource use, emissions production, and technological innovations on the environment. Current environmental issues, such as loss of biodiversity, ecosystem degradation, air and water pollution, and climate change, will be considered. Additional fee required. ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences.

Teacher Certification in Business

FOR AGRICULTURAL BUSINESS MAJORS WHO WANT A SECONDARY BUSINESS ENDORSEMENT (5-12):

Students majoring in Agricultural Business who desire Iowa Teacher Certification

with a Business (5-12) endorsement must complete the Secondary Education Major (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sec-educ-pro/) (with BUAD3800 Methods of Teaching Business as the appropriate methods course), and the following areas:

3 s.h. in Accounting:

ACCT3220 Ag Accounting and Taxation – 3 s.h.

3 s.h. in Marketing elective from the following:

BUAD3210 Social Media Marketing – 3 s.h. **or**

BUAD4450 Integrated Marketing Communications – 3 s.h. **or**

SPMT3300 Sport Marketing – 3 s.h.

3 s.h. in Entrepreneurship:

BUAD1400 Personal Finance – 3 s.h. **or**

BUAD2350/3350 Free Market Practicum – 1-2 s.h. **or**

BUAD3210 Social Media Marketing – 3 s.h. (if not used for Marketing) **or**

BUAD/ECON3130 Investment Analysis – 3 s.h. **or**

Approved entrepreneurship elective

3 s.h. in Financial Literacy

BUAD1400 Personal Finance – 3 s.h. (if not counted as Entrepreneurship) **or**

BUAD2380 Principles of Business Finance – 3 s.h. **or**

AGRI3100 Agricultural Finance and Resource Allocation – 3 s.h. **or**

BUAD/ECON3130 Investment Analysis – 3 s.h. (if not counted as Entrepreneurship)

Courses Offered

ACCT2310 Financial Accounting

ACCT2320 Managerial Accounting

ACCT3220 Agricultural Accounting and Taxation

AGRI3100 Agricultural Finance and Resource Allocation

BUAD1400 Personal Finance

BUAD2320 Principles of Management

BUAD2330 Principles of Marketing

BUAD2350 Free Market Practicum

BUAD2380 Principles of Business Finance

BUAD3130 Investment Analysis (also ECON3130)

BUAD3210 Social Media Marketing

BUAD3350 Free Market Practicum

BUAD3430 Digital Marketing Foundations and Strategy

BUAD3800 Methods of Teaching Business

BUAD4450 Integrated Marketing Communication

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation

ECON1300 Principles of Macroeconomics

ECON1320 Principles of Microeconomics

ECON2100 Introductory Economic Data Analysis

ECON3130 Investment Analysis (also BUAD3130)

SPMT3300 Sport Marketing

UNIV1100 Digital Fluency and Citizenship

Course Descriptions

ACCT2310 Financial Accounting - 3 s.h.

An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

ACCT2320 Managerial Accounting - 3 s.h.

The selection and analysis of accounting information for internal use by management. Prerequisite: ACCT2310.

ACCT3220 Agricultural Accounting and Taxation - 3 s.h.

Exposure to accounting methods and taxation policies specific to agricultural producers and businesses. Prerequisite: ACCT2310 Financial Accounting.

AGRI3100 Agricultural Finance and Resource Allocation - 3 s.h.

Application of economics and financial resource allocation to agricultural businesses from producer to distributor to the end consumer. Content includes equity and credit practices for operations and for capital investments. Prerequisite: ECON1320 Microeconomics.

BUAD1400 Personal Finance - 3 s.h.

An overview of personal financial management, including investment, taxation, insurance and credit.

BUAD2320 Principles of Management - 3 s.h.

Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing.

BUAD2330 Principles of Marketing - 3 s.h.

A decision-oriented overview of marketing management in modern organizations. The most basic objectives of the course are to provide students with a broad introduction to marketing concepts, the role of marketing in society and in the firm, and the various factors that influence marketing decision-making. Students will be exposed to and expected to learn the "language of marketing" (that is, terms, concepts, and frameworks) used by practicing marketing managers. Prerequisite: ECON1320.

BUAD2350 Free Market Practicum - 0-2 s.h.

An experiential course in which students develop and conduct outreach programs to teach and promote free enterprise to various publics. Students will develop greater understanding of and appreciation for the concept of freedom as it applies to the marketplace. May be repeated, although only 4 s.h. may be counted toward any graduation requirement.

BUAD2380 Principles of Business Finance - 3 s.h.

A study of principles and problems basic to a business firm's decisions in planning for and managing financial resources for the purpose of maximizing the value of these resources. Prerequisites: ECON1320.

BUAD3130 Investment Analysis (also ECON3130) - 3 s.h.

A study of the fundamental principles underlying the analysis of investments. Prerequisites: ACCT2320, BUAD3120, BUAD2380, and ECON1320. +This course is only offered every other year.

BUAD3210 Social Media Marketing - 3 s.h.

This course provides a comprehensive overview, with hands-on experience, of Social Media Marketing. The most basic objectives of the course are to provide students with a broad introduction to social media marketing concepts and techniques using the latest online tools combined with practical "real world" application. There will be an emphasis on strategic use of tools, effective design and contemporary marketing techniques. Students will build and maintain real world marketing campaigns.

BUAD3350 Free Market Practicum - 0-2 s.h.

An experiential course in which students develop and conduct outreach programs to teach and promote free enterprise to various publics. Students will develop greater understanding of and appreciation for the concept of freedom as it applies to the marketplace. May be repeated, although only 4 s.h. may be counted toward any graduation requirement.

BUAD3430 Digital Marketing Foundations and Strategy - 3 s.h.

This course introduces students to the fundamental concepts, tools, and strategies of digital marketing in today's technology-driven business environment. Students will explore core topics such as website optimization, search engine marketing (SEM/SEO), social media, email campaigns, mobile platforms, content creation, and data analytics. Emphasis is placed on developing a strategic mindset-integrating digital channels into cohesive marketing plans, aligning tactics with organizational goals, and leveraging analytics to measure performance and refine decision-making. By the end of the course, students will gain both a theoretical foundation and practical skills to design, implement, and evaluate digital marketing strategies across diverse industries and audiences.

BUAD3800 Methods of Teaching Business - 3 s.h.

A study of standards, objectives, and curriculum of business in the secondary school. Emphasis on instructional strategies, methods, materials/resources, and techniques of evaluation embedded within the business classroom. Prerequisites: 20 s.h. of business coursework listed above and admittance into the Teacher Education Program, unless part of an approved Interdisciplinary Studies Program.

BUAD4450 Integrated Marketing Communication - 3 s.h.

This course stands as a pivotal cornerstone in the realm of modern marketing strategies, which every marketing student must understand and know its applied science. This comprehensive course examines various marketing channels, emphasizing the harmonious and balanced integration of advertising, public relations, digital marketing, and brand communication. Students are challenged with a rich learning experience, exploring the synergistic relationship between different communication platforms and their collective impact on building strong, cohesive brand narratives. Prerequisite: BUAD4320

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation - 3 s.h.

This is the capstone course for Business Management, Marketing, and Agricultural Business Majors. The Senior Seminar in Design Thinking for Strategic Innovation is structured with a rigorous approach, emphasizing practical application and critical analysis of design thinking principles to solve real-world strategic challenges. Students engage in advanced problem-solving frameworks, including empathy-driven research, ideation, prototyping, and iterative testing, requiring them to think innovatively and strategically. Throughout the course, they apply design thinking methodologies to complex business scenarios, work on team-based projects, and receive continuous feedback to refine their solutions. The course rigor is reflected in its demand for creativity, strategic foresight, and the ability to navigate ambiguity, preparing students to lead innovation within dynamic business environments. Prerequisites: BUAD2380, BUAD3320, BUAD3330, and MATH1360.

ECON1300 Principles of Macroeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, national income, international trade and finance, fiscal policy, monetary policy, money, and banking. Prerequisite: 1 year high school algebra; geometry recommended. ELO5 Social Science - World Citizenship, ELO5 Social Science - Innovation

ECON1320 Principles of Microeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

ECON2100 Introductory Economic Data Analysis - 3 s.h.

An introduction to economic data and statistical techniques commonly applied in business settings. Topics include understanding the basics of data interpretation, manipulation, and visualization. Students will learn how to carry out and interpret basic linear regression and other methods of statistical analysis in Excel.

ECON3130 Investment Analysis (also BUAD3130) - 3 s.h.
A study of the fundamental principles underlying the analysis of investments. Prerequisites: ACCT2320, BUAD3120, BUAD2380, and ECON1320. +This course is only offered every other year.

SPMT3300 Sport Marketing - 3 s.h.
An analysis of the field of marketing from a sports perspective with focus on the elements of and development of a marketing plan. Prerequisite: ECON1320.

UNIV1100 Digital Fluency and Citizenship - 3 s.h.
An introduction to the concepts of responsible activity and practices in the digital world, important software tools, and understanding the use of data and data analytics in the digital economy. The course teaches students relevant skills necessary to analyze data, prepare visualizations of data, and engage in the digital economy.

Data Analytics for Agricultural Business Certificate

Students wishing to earn the Data Analytics for Agricultural Business certificate must complete the following 18 credit hours with Graceland University.

ACCT3220 Agricultural Accounting and Taxation – 3 s.h.

AGRI3100 Agricultural Finance and Resource Allocation – 3 s.h.

ECON2100 Introductory Economic Data Analysis – 3 s.h.

CSIT1100 Principles of Computing (Python Programming) – 3 s.h.

DSCI1500 Principles of Data Science and Analytics – 3 s.h.

DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

Courses Offered

ACCT3220 Agricultural Accounting and Taxation

AGRI3100 Agricultural Finance and Resource Allocation

CSIT1100 Principles of Computing (Python Programming)

DSCI1500 Principles of Data Science and Analytics

DSCI4700 Capstone for Data Analytics Certificates

ECON2100 Introductory Economic Data Analysis

Course Descriptions

ACCT3220 Agricultural Accounting and Taxation - 3 s.h.

Exposure to accounting methods and taxation policies specific to agricultural producers and businesses. Prerequisite: ACCT2310 Financial Accounting.

AGRI3100 Agricultural Finance and Resource Allocation - 3 s.h.

Application of economics and financial resource allocation to agricultural businesses from producer to distributor to the end consumer. Content includes equity and credit practices for operations and for capital investments. Prerequisite: ECON1320 Microeconomics.

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings

through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

ECON2100 Introductory Economic Data Analysis - 3 s.h.

An introduction to economic data and statistical techniques commonly applied in business settings. Topics include understanding the basics of data interpretation, manipulation, and visualization. Students will learn how to carry out and interpret basic linear regression and other methods of statistical analysis in Excel.

Course list - Agricultural Business

Courses Offered

AGRI1200 Sustainable International Agriculture

AGRI2100 Agricultural Management and Markets

AGRI2300 Global Innovation in Crop Production and Soil Management

AGRI3100 Agricultural Finance and Resource Allocation

AGRI3900 Topics in Agricultural Business

AGRI4700 Agricultural Business Practicum

AGRI4710 Internship in Agricultural Business

Course Descriptions

AGRI1200 Sustainable International Agriculture - 3 s.h.

Sustainable International Agriculture explores global issues, incremental and transformative steps toward sustainable agriculture, international development opportunities, current agricultural industries, educational pathways, and career options. Content includes emphasis on understanding the need for agricultural infrastructure and production, embracing sustainability, and appreciating broad-based, liberating (essential) education. ELO4 Global Learning - Sustainability

AGRI2100 Agricultural Management and Markets - 3 s.h.

Overview of agricultural management and markets including exposure to management of commodity/livestock production, product differentiation/promotion, pricing issues, and distribution opportunities/challenges. Prerequisite: ECON1320 Microeconomics.

AGRI2300 Global Innovation in Crop Production and Soil Management - 3 s.h.

An analytical course in agronomy applying multiple perspectives in studying crops, soils, and environmental sciences to understand the interconnectedness of agricultural systems in global communities. Includes questioning the sources of assumptions about and the strengths/weaknesses of past innovations of production and management. Recognizes the soil and crops as the sources of food, fiber, and fuel and emphasizes the need for diverse innovation in varied ecosystems to improve global conditions. ELO4 Global Learning - Innovation +This course is only offered every other year.

AGRI3100 Agricultural Finance and Resource Allocation - 3 s.h.

Application of economics and financial resource allocation to agricultural businesses from producer to distributor to the end consumer. Content includes equity and credit practices for operations and for capital investments. Prerequisite: ECON1320 Microeconomics.

AGRI3900 Topics in Agricultural Business - 1-3 s.h.

Selected topics in agricultural business as determined by student interest and instructor expertise. Topics will be announced prior to each semester they are offered. Course may be repeated for credit when the topics vary.

AGRI4700 Agricultural Business Practicum - 3 s.h.

A capstone experience for students to apply their skills and education in agricultural business in a practicum setting (preferably in the type of business in which they gain future employment) and present their experience and education in a seminar with other students.

AGRI4710 Internship in Agricultural Business - 1-3 s.h.

Internship with professionals who are in agricultural business. The student takes an active role in identifying and arranging for a field sponsor. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

Art Degree





BA Degree — Art Major - Core Requirements

In addition to the general education requirements, students majoring in Art will complete either a studio or graphic design track. Each track is 36 credits as prescribed below:

Core classes required for both tracks:

- ARTS1210 Making and Meaning – 3 s.h.
- ARTS1230 Drawing – 3 s.h.
- ARTS1680 Graphic Design 1 – 3 s.h.
- ARTS4700 Senior Exhibition – 3 s.h.

Pick one art history course (General Education Requirement):

ARTS2330 Art History: Innovation and Politics – 3 s.h.

ARTS3110 Art History: Activism, Empathy and Justice – 3 s.h.

Pick one studio course:

ARTS2250 Painting – 3 s.h.

ARTS3200 Printmaking – 3 s.h.

Courses Offered

ARTS1210 Making and Meaning

ARTS1230 Drawing

ARTS1680 Graphic Design 1

ARTS2250 Painting

ARTS2330 Art History: Innovation and Politics

ARTS3110 Art History: Activism, Empathy and Justice

ARTS3200 Printmaking

ARTS4700 Senior Exhibition

Course Descriptions

ARTS1210 Making and Meaning - 3 s.h.

Students will explore a variety of techniques and concepts that focus on the generation, development, and communication of new ideas through exploration of the principles and elements of design in relation two-dimensional design and color theory. This course explores the relationship of material, method, and process in the construction of meaning in art. Students experiment with interdisciplinary research methods to generate projects reflecting current topics of interest. Studio fee required. ELO5 Arts - Innovation

ARTS1230 Drawing - 3 s.h.

This introductory course considers drawing as a form of communication and a sustaining practice. Various drawing materials, observation, memory training, and composition are

stressed to give the student a wide experience and solid base in the art, skill, and history of drawing. Contemporary and non-traditional drawing methods will be explored. Studio fee required. ELO5 Arts - Sustainability

ARTS1680 Graphic Design 1 - 3 s.h.

A technical course exploring the digital tools used in the graphic design industry. Students are exposed to the function, theory, and use of industry-standard computer hardware, software, and basic digital design principles utilized in the production of graphic design.

ARTS2250 Painting - 3 s.h.

This course serves as an introduction to the materials, philosophies, techniques, and processes of painting. Students will work with acrylic paint and mediums and approach the creative experience of painting through the study of subject matter, form, and content. Color theory, sketching, and different painting techniques and styles will be emphasized. An emphasis on interdisciplinary and contemporary approaches will be stressed. Studio Fee required.

ARTS2330 Art History: Innovation and Politics - 3 s.h.

Theme-based art history course exploring topics such as innovation, power, politics, architecture, entertainment, sacred spaces, sustainability, and eco art throughout art history to the present. ELO5 Arts - Innovation, GE3A Liberal Learning-Arts.

ARTS3110 Art History: Activism, Empathy and Justice - 3 s.h.

Theme-based art history course that explores topics such as activism, empathy, justice, disability, mental illness, feminism, sexuality, queer art, social and civic engagement, labor, and race throughout art history to the present. ELO5 Arts - Equality, ELO5 Arts - Equality and Peace, GE3A Liberal Learning-Arts.

ARTS3200 Printmaking - 3 s.h.

This introductory printmaking making course introduces students to non-toxic printmaking techniques including relief printing, monotype, silkscreen, and other contemporary processes. The course explores how these traditional methods have been used as a means for informing, gathering, protesting, and celebration. Studio Fee required. ELO5 Arts - Innovation

ARTS4700 Senior Exhibition - 3 s.h.

A required senior- level course where students identify and critically reflect on a theme that intersects with their own studio practice, or discipline. This course supplements preparations for the capstone exhibition through the analysis of area

exhibitions, providing hands-on experience in the mechanics of exhibition production. Portfolio development and professional practices will be emphasized. Permission from instructor required.

BA Degree — Graphic Design Track Requirements

Graphic Design Track

In addition to the core courses, Graphic Design students will take additional coursework outlined below:

ARTS1710 Graphic Design 2 – 3 s.h.

ARTS3620 Introduction to Animation and Motion Graphics – 3 s.h.

ARTS3630 Graphic Design 3 – 3 s.h.

COMM2500 Introduction to Mass Media – 3 s.h.

COMM3140 Rhetorical Criticism – 3 s.h.

CSIT1060 Introduction to Web Programming – 3 s.h.

Pick one: ARTS3640 UX and UI Fundamentals OR ARTS3220 Photography – 3 s.h.

Courses Offered

ARTS1710 Graphic Design 2

ARTS3220 Photography

ARTS3620 Introduction to Animation and Motion Graphics

ARTS3630 Graphic Design 3

ARTS3640 UX and UI Fundamentals

COMM2500 Introduction to Mass Media

COMM3140 Rhetorical Criticism and Persuasion

CSIT1060 Introduction to Web Development

Course Descriptions

ARTS1710 Graphic Design 2 - 3 s.h.

Covers basic principles of typography, such as type anatomy, type fonts and families, communication with typography and an introduction to layout and grid structures. Typography as medium and message and conceptual solutions are emphasized. Additional fee required. Prerequisite: ARTS1680 Computer Graphic Design 1.

ARTS3220 Photography - 3 s.h.

An exploration into visual story telling through digital photography, imaging, and editing. Course will focus on capturing high quality images to use in professional design work. Studio Fee required.

ARTS3620 Introduction to Animation and Motion Graphics - 3 s.h.

Exploration into motion graphics and visual story telling with an emphasis in concept art, blending digital and traditional technology. Additional fee required. Prerequisites: ARTS1210, ARTS1680 and ARTS1710.

ARTS3630 Graphic Design 3 - 3 s.h.

Study of the integration of type and image through multi-level designs, such as multi page layouts, and identity systems. Additional fee required. Prerequisite: ARTS1680 and ARTS1710.

ARTS3640 UX and UI Fundamentals - 3 s.h.

Introduction into the principles of interactivity through interface, web, and information design. Additional fee required. Prerequisite: ARTS1210, ARTS1680 and ARTS1710.

COMM2500 Introduction to Mass Media - 3 s.h.

An examination of the various landmark theories, such as rhetorical, Marxist, and feminist to analyze popular culture, with an emphasis on the importance of communication in the production and consumption of culture. Students will study the development of culture by applying different theories or 'lenses' to cultural artifacts including music, movies, advertisements, clothing, etc. GE3C Liberal Learning-Humanities +This course is only offered every other year.

COMM3140 Rhetorical Criticism and Persuasion - 3 s.h.

An emphasis in learning theories, information processing theories, perception theories, components of persuasive appeals, and the ethics involved in persuasion. Further, students will examine the theories and persuasive appeals involved in communication campaigns and critique the success, or lack thereof, of multiple persuasive strategies. +This course is only offered every other year.

CSIT1060 Introduction to Web Development - 3 s.h.
Basics of how the World Wide Web works and web site construction using HTML and CSS. Related technology skills will be covered.

BA Degree — Studio Art Track Requirements

Studio Track

In addition to the core courses, Studio Art students will take additional coursework outlined below:

ARTS1220 Surface, Space, and Time – 3 s.h.

Additional Art History Course – 3 s.h.

Electives: 15 s.h. chosen from below:

- ARTS2240 Art for Social Change – 3 s.h.
- ARTS3220 Photography – 3 s.h.
- ARTS3240 Eco Art and Ceramics – 3 s.h.
- ARTS3280 Sculpture and New Genres – 3 s.h.
- ARTS3840 Interdisciplinary Studio – 3 s.h.
- ARTS3900 Topics in Art – 1-3 s.h.

Courses Offered

ARTS1220 Surface, Space, and Time

ARTS3220 Photography

ARTS3240 Eco Art & Ceramics

ARTS3280 Sculpture and New Genres

ARTS3840 Interdisciplinary Studio

ARTS3900 Topics in Art

Course Descriptions

ARTS1220 Surface, Space, and Time - 3 s.h.
Introduction to surface, space, and time as an artistic medium. Lectures, readings, demonstrations, and hands-on projects help students identify and understand surface, space, and time-based principles in art and design. Emphasis will be

places on three-dimensional and four-dimensional narrative and visual storytelling practices. Studio Fee required. ELO5 Arts - Innovation

ARTS3220 Photography - 3 s.h.
An exploration into visual story telling through digital photography, imaging, and editing. Course will focus on capturing high quality images to use in professional design work. Studio Fee required.

ARTS3240 Eco Art & Ceramics - 3 s.h.
Contemporary and traditional approaches to clay with emphasis on wheel-throwing and hand-building techniques. Exploration of sustainable production practices will also address surface decoration and responsible firing processes. Studio fee required. ELO5 Arts - Sustainability

ARTS3280 Sculpture and New Genres - 3 s.h.
In this course students explore basic methods of creating physical objects. Develops the integration of sculptural concept and practice, and the critical analysis of completed sculpture through a series of projects that investigate sculptural processes and issues. Lectures on directions in sculpture, technical demonstrations, and group critiques are scheduled. Studio fee required.

ARTS3840 Interdisciplinary Studio - 3 s.h.
Focuses on generating interdisciplinary theories, practices and works within a studio-based format. The course allows for collaborative learning opportunities for students working in different disciplines to approach themes and develop personal bodies of work. May be repeated for credit. Prerequisite: Any lower-level studio art course.

ARTS3900 Topics in Art - 1-3 s.h.
Study of topics in studio art or commercial design. May be repeated for credit as topics vary. Content and semester hours will vary. Additional studio fee may be required. Prerequisites may apply.

Studio Art Minor

In addition to the essential education requirements, minors in Studio Art must **complete 18 semester hours** as prescribed below:

ARTS1210 Making and Meaning – 3 s.h.

ARTS1220 Surface, Space, and Time – 3 s.h.

ARTS1230 Drawing – 3 s.h.

Pick one:

- ARTS2330 Art History: Innovation and Politics – 3 s.h.
- ARTS3110 Art History: Activism, Empathy and Justice – 3 s.h.

Pick two:

- ARTS2250 Painting – 3 s.h.
- ARTS2240 Art and Social Practice – 3 s.h.
- ARTS3200 Printmaking – 3 s.h.
- ARTS3220 Photography – 3 s.h.
- ARTS3240 Eco Art Ceramics – 3 s.h.
- ARTS3280 Sculpture and New Genres – 3 s.h.
- ARTS3840 Interdisciplinary Studio – 3 s.h.
- ARTS3900 Topics in Art – 1-3 s.h.

Courses Offered

ARTS1210 Making and Meaning

ARTS1220 Surface, Space, and Time

ARTS1230 Drawing

ARTS2240 Art for Social Change

ARTS2250 Painting

ARTS2330 Art History: Innovation and Politics

ARTS3200 Printmaking

ARTS3240 Eco Art & Ceramics

ARTS3280 Sculpture and New Genres

Course Descriptions

ARTS1210 Making and Meaning - 3 s.h.

Students will explore a variety of techniques and concepts that focus on the generation, development, and communication of new ideas through exploration of the principles and elements of design in relation two-dimensional design and color theory. This course explores the relationship of material, method, and process in the construction of meaning in art. Students

experiment with interdisciplinary research methods to generate projects reflecting current topics of interest. Studio fee required. ELO5 Arts - Innovation

ARTS1220 Surface, Space, and Time - 3 s.h.
Introduction to surface, space, and time as an artistic medium. Lectures, readings, demonstrations, and hands-on projects help students identify and understand surface, space, and time-based principles in art and design. Emphasis will be places on three-dimensional and four-dimensional narrative and visual storytelling practices. Studio Fee required. ELO5 Arts - Innovation

ARTS1230 Drawing - 3 s.h.
This introductory course considers drawing as a form of communication and a sustaining practice. Various drawing materials, observation, memory training, and composition are stressed to give the student a wide experience and solid base in the art, skill, and history of drawing. Contemporary and non-traditional drawing methods will be explored. Studio fee required. ELO5 Arts - Sustainability

ARTS2240 Art for Social Change - 3 s.h.
This course aims to create social and political change through collaboration with individuals, communities, and institutions through the creation of participatory art. This discipline often values process over final product and become lifelong pursuits. Some examples include artistic activism, community-based art, creative placemaking, cultural organizing, performance, participatory art, social engagement, and social sculpture. No prior art experience necessary. ELO5 Arts - World Citizenship, ELO5 Arts - Equality and Peace

ARTS2250 Painting - 3 s.h.
This course serves as an introduction to the materials, philosophies, techniques, and processes of painting. Students will work with acrylic paint and mediums and approach the creative experience of painting through the study of subject matter, form, and content. Color theory, sketching, and different painting techniques and styles will be emphasized. An emphasis on interdisciplinary and contemporary approaches will be stressed. Studio Fee required.

ARTS2330 Art History: Innovation and Politics - 3 s.h.
Theme-based art history course exploring topics such as innovation, power, politics, architecture, entertainment, sacred spaces, sustainability, and eco art throughout art history to the present. ELO5 Arts - Innovation, GE3A Liberal Learning-Arts.

ARTS3200 Printmaking - 3 s.h.

This introductory printmaking making course introduces students to non-toxic printmaking techniques including relief printing, monotype, silkscreen, and other contemporary processes. The course explores how these traditional methods have been used as a means for informing, gathering, protesting, and celebration. Studio Fee required. ELO5 Arts - Innovation

ARTS3240 Eco Art & Ceramics - 3 s.h.
Contemporary and traditional approaches to clay with emphasis on wheel-throwing and hand-building techniques. Exploration of sustainable production practices will also address surface decoration and responsible firing processes. Studio fee required. ELO5 Arts - Sustainability

ARTS3280 Sculpture and New Genres - 3 s.h.
In this course students explore basic methods of creating physical objects. Develops the integration of sculptural concept and practice, and the critical analysis of completed sculpture through a series of projects that investigate sculptural processes and issues. Lectures on directions in sculpture, technical demonstrations, and group critiques are scheduled. Studio fee required.

Graphic Design Minor

In addition to the essential education requirements, minors in Art: Graphic Design must **complete 18 semester hours** as prescribed below:

ARTS1210 Making and Meaning – 3 s.h.
ARTS1680 Graphic Design 1 – 3 s.h.
ARTS1710 Graphic Design 2 – 3 s.h.
ARTS3630 Graphic Design 3 – 3 s.h.
COMM2500 Introduction to Mass Media – 3 s.h.
COMM3140 Rhetorical Criticism and Persuasion – 3 s.h.

Courses Offered

ARTS1210 Making and Meaning

ARTS1680 Graphic Design 1

ARTS1710 Graphic Design 2

ARTS3630 Graphic Design 3

COMM2500 Introduction to Mass Media

COMM3140 Rhetorical Criticism and Persuasion

Course Descriptions

ARTS1210 Making and Meaning - 3 s.h.

Students will explore a variety of techniques and concepts that focus on the generation, development, and communication of new ideas through exploration of the principles and elements of design in relation two-dimensional design and color theory. This course explores the relationship of material, method, and process in the construction of meaning in art. Students experiment with interdisciplinary research methods to generate projects reflecting current topics of interest. Studio fee required. ELO5 Arts - Innovation

ARTS1680 Graphic Design 1 - 3 s.h.

A technical course exploring the digital tools used in the graphic design industry. Students are exposed to the function, theory, and use of industry-standard computer hardware, software, and basic digital design principles utilized in the production of graphic design.

ARTS1710 Graphic Design 2 - 3 s.h.

Covers basic principles of typography, such as type anatomy, type fonts and families, communication with typography and an introduction to layout and grid structures. Typography as medium and message and conceptual solutions are emphasized. Additional fee required. Prerequisite: ARTS1680 Computer Graphic Design 1.

ARTS3630 Graphic Design 3 - 3 s.h.

Study of the integration of type and image through multi-level designs, such as multi page layouts, and identity systems. Additional fee required. Prerequisite: ARTS1680 and ARTS1710.

COMM2500 Introduction to Mass Media - 3 s.h.

An examination of the various landmark theories, such as rhetorical, Marxist, and feminist to analyze popular culture, with an emphasis on the importance of communication in the production and consumption of culture. Students will study the development of culture by applying different theories or 'lenses' to cultural artifacts including music, movies, advertisements, clothing, etc. GE3C Liberal Learning-Humanities +This course is only offered every other year.

COMM3140 Rhetorical Criticism and Persuasion - 3 s.h.

An emphasis in learning theories, information processing theories, perception theories, components of persuasive appeals, and the ethics involved in persuasion. Further, students will examine the theories and persuasive appeals involved in communication campaigns and critique the success, or lack thereof, of multiple persuasive strategies. +This course is only offered every other year.

Teacher Certification in Art

1. FOR ART MAJORS WHO WANT A SECONDARY ENDORSEMENT (5-12): Students majoring in Art who desire Iowa Teacher Certification with an Art secondary endorsement must complete all requirements for the BA in Studio Art degree, the Secondary Education Program (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sec-educ-pro/) and ARTS4350 Art for the Secondary School as the appropriate methods course.
2. FOR ART MAJORS WHO WANT A COMBINATION ENDORSEMENT (K-8 AND 5-12): Students majoring in Art who desire Iowa Teacher Certification with an elementary and secondary Art endorsement must complete all requirements for the BA in Studio Art degree, the Combination Education Program (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sec-educ-pro/) with ARTS3300 Art for the Elementary School and ARTS4350 Art for the Secondary School as the appropriate methods courses.
3. FOR NON-ART MAJORS WHO WANT A SECONDARY ART ENDORSEMENT (5-12). Non-art majors desiring a secondary Art endorsement (5-12) in Iowa must complete a major in a secondary teaching field, the Secondary Education Program (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sec-educ-pro/) with ARTS4350 Art for the Secondary School as the appropriate methods course, and the following courses:

    ARTS1210 Making and Meaning – 3 s.h.

    ARTS1220 Surface, Space, and Time – 3 s.h.

    ARTS1230 Drawing – 3 s.h.

ARTS2330 Art History: Innovation and Politics – 3 s.h.

ARTS3110 Art History: Activism, Empathy and Justics – 3 s.h.

Approved Art electives (not to include ARTS4350) 9 s.h. selected from:

ARTS2240 Art for Social Change – 3 s.h.

ARTS2250 Painting – 3 s.h.

ARTS3200 Printmaking – 3 s.h.

ARTS3220 Photography – 3 s.h.

ARTS3240 Eco Art and Ceramics – 3 s.h.

ARTS3280 Sculpture and New Genres – 3 s.h.

ARTS3840 Interdisciplinary Studio – 3 s.h.

ARTS3900 Topics in Art – 1-3 s.h.

Courses Offered

ARTS1210 Making and Meaning

ARTS1220 Surface, Space, and Time

ARTS1230 Drawing

ARTS2250 Painting

ARTS2330 Art History: Innovation and Politics

ARTS2900 Topics in Art

ARTS3110 Art History: Activism, Empathy and Justice

ARTS3200 Printmaking

ARTS3240 Eco Art & Ceramics

ARTS3280 Sculpture and New Genres

ARTS3300 Art for the Elementary Schools

ARTS4350 Art for the Secondary School

EDUC4400 Elementary Student Teaching (K-6)

Course Descriptions

ARTS1210 Making and Meaning - 3 s.h.

Students will explore a variety of techniques and concepts that focus on the generation, development, and communication of new ideas through exploration of the principles and elements of design in relation two-dimensional design and color theory. This course explores the relationship of material, method, and process in the construction of meaning in art. Students experiment with interdisciplinary research methods to generate projects reflecting current topics of interest. Studio fee required. ELO5 Arts - Innovation

ARTS1220 Surface, Space, and Time - 3 s.h.
Introduction to surface, space, and time as an artistic medium. Lectures, readings, demonstrations, and hands-on projects help students identify and understand surface, space, and time-based principles in art and design. Emphasis will be places on three-dimensional and four-dimensional narrative and visual storytelling practices. Studio Fee required. ELO5 Arts - Innovation

ARTS1230 Drawing - 3 s.h.
This introductory course considers drawing as a form of communication and a sustaining practice. Various drawing materials, observation, memory training, and composition are stressed to give the student a wide experience and solid base in the art, skill, and history of drawing. Contemporary and non-traditional drawing methods will be explored. Studio fee required. ELO5 Arts - Sustainability

ARTS2250 Painting - 3 s.h.
This course serves as an introduction to the materials, philosophies, techniques, and processes of painting. Students will work with acrylic paint and mediums and approach the creative experience of painting through the study of subject matter, form, and content. Color theory, sketching, and different painting techniques and styles will be emphasized. An emphasis on interdisciplinary and contemporary approaches will be stressed. Studio Fee required.

ARTS2330 Art History: Innovation and Politics - 3 s.h.
Theme-based art history course exploring topics such as innovation, power, politics, architecture, entertainment, sacred spaces, sustainability, and eco art throughout art history to the present. ELO5 Arts - Innovation, GE3A Liberal Learning-Arts.

ARTS2900 Topics in Art - 1-3 s.h.
Special topics in art. May be repeated for credit as topics vary. Content and semester hours will vary. Prerequisites may apply. Additional fee required.

ARTS3110 Art History: Activism, Empathy and Justice - 3 s.h.

Theme-based art history course that explores topics such as activism, empathy, justice, disability, mental illness, feminism, sexuality, queer art, social and civic engagement, labor, and race throughout art history to the present. ELO5 Arts - Equality, ELO5 Arts - Equality and Peace, GE3A Liberal Learning-Arts.

ARTS3200 Printmaking - 3 s.h.

This introductory printmaking making course introduces students to non-toxic printmaking techniques including relief printing, monotype, silkscreen, and other contemporary processes. The course explores how these traditional methods have been used as a means for informing, gathering, protesting, and celebration. Studio Fee required. ELO5 Arts - Innovation

ARTS3240 Eco Art & Ceramics - 3 s.h.

Contemporary and traditional approaches to clay with emphasis on wheel-throwing and hand-building techniques. Exploration of sustainable production practices will also address surface decoration and responsible firing processes. Studio fee required. ELO5 Arts - Sustainability

ARTS3280 Sculpture and New Genres - 3 s.h.

In this course students explore basic methods of creating physical objects. Develops the integration of sculptural concept and practice, and the critical analysis of completed sculpture through a series of projects that investigate sculptural processes and issues. Lectures on directions in sculpture, technical demonstrations, and group critiques are scheduled. Studio fee required.

ARTS3300 Art for the Elementary Schools - 3 s.h.

Development of knowledge and skills to plan, organize, and facilitate meaningful art curricula for elementary art students, with attention to lesson preparation, child artistic development, material discovery and integration with other subjects. Additional fee required. Prerequisite: admittance into Teacher Education, unless part of an approved Liberal Studies Program, junior standing. +This course is only offered every other year.

ARTS4350 Art for the Secondary School - 3 s.h.

Development of knowledge and skills to plan, organize, and facilitate meaningful art curricula for secondary art students with attention to lesson preparation and material discovery. Additional fee required. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program. +This course is only offered every other year.

EDUC4400 Elementary Student Teaching (K-6) - 6-14 s.h.

Elementary Education Majors complete 14 weeks of elementary student teaching in accordance with the policies in the Teacher Education Handbook. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.) * If a candidate with more than one teaching major completes 14 semester hours of student teaching for one major (or endorsements that require student teaching), an additional six semester hours of student teaching will meet the student teaching requirement for the asterisked second teaching major.

Course list - Art

Courses Offered

ARTS1210 Making and Meaning

ARTS1220 Surface, Space, and Time

ARTS1230 Drawing

ARTS1680 Graphic Design 1

ARTS1710 Graphic Design 2

ARTS1900 Topics in Art

ARTS2000 Individual Study

ARTS2240 Art for Social Change

ARTS2250 Painting

ARTS2330 Art History: Innovation and Politics

ARTS2900 Topics in Art

ARTS3000 Individual Study

ARTS3110 Art History: Activism, Empathy and Justice

ARTS3200 Printmaking

ARTS3220 Photography

ARTS3240 Eco Art & Ceramics

ARTS3280 Sculpture and New Genres

ARTS3300 Art for the Elementary Schools

ARTS3620 Introduction to Animation and Motion Graphics

ARTS3630 Graphic Design 3

ARTS3640 UX and UI Fundamentals

ARTS3840 Interdisciplinary Studio

ARTS3900 Topics in Art

ARTS4350 Art for the Secondary School

ARTS4450 Graphic Design Internship

ARTS4700 Senior Exhibition

Course Descriptions

ARTS1210 Making and Meaning - 3 s.h.

Students will explore a variety of techniques and concepts that focus on the generation, development, and communication of new ideas through exploration of the principles and elements of design in relation two-dimensional design and color theory. This course explores the relationship of material, method, and process in the construction of meaning in art. Students experiment with interdisciplinary research methods to generate projects reflecting current topics of interest. Studio fee required. ELO5 Arts - Innovation

ARTS1220 Surface, Space, and Time - 3 s.h.

Introduction to surface, space, and time as an artistic medium. Lectures, readings, demonstrations, and hands-on projects help students identify and understand surface, space, and time-based principles in art and design. Emphasis will be places on three-dimensional and four-dimensional narrative and visual storytelling practices. Studio Fee required. ELO5 Arts - Innovation

ARTS1230 Drawing - 3 s.h.

This introductory course considers drawing as a form of communication and a sustaining practice. Various drawing materials, observation, memory training, and composition are stressed to give the student a wide experience and solid base

in the art, skill, and history of drawing. Contemporary and non-traditional drawing methods will be explored. Studio fee required. ELO5 Arts - Sustainability

ARTS1680 Graphic Design 1 - 3 s.h.
A technical course exploring the digital tools used in the graphic design industry. Students are exposed to the function, theory, and use of industry-standard computer hardware, software, and basic digital design principles utilized in the production of graphic design.

ARTS1710 Graphic Design 2 - 3 s.h.
Covers basic principles of typography, such as type anatomy, type fonts and families, communication with typography and an introduction to layout and grid structures. Typography as medium and message and conceptual solutions are emphasized. Additional fee required. Prerequisite: ARTS1680 Computer Graphic Design 1.

ARTS1900 Topics in Art - 1-3 s.h.
Special topics in art. May be repeated for credit as topics vary. Content and semester hours will vary. Prerequisites may apply. Additional fee may be required.

ARTS2000 Individual Study - 1-3 s.h.

ARTS2240 Art for Social Change - 3 s.h.
This course aims to create social and political change through collaboration with individuals, communities, and institutions through the creation of participatory art. This discipline often values process over final product and become lifelong pursuits. Some examples include artistic activism, community-based art, creative placemaking, cultural organizing, performance, participatory art, social engagement, and social sculpture. No prior art experience necessary. ELO5 Arts - World Citizenship, ELO5 Arts - Equality and Peace

ARTS2250 Painting - 3 s.h.
This course serves as an introduction to the materials, philosophies, techniques, and processes of painting. Students will work with acrylic paint and mediums and approach the creative experience of painting through the study of subject matter, form, and content. Color theory, sketching, and different painting techniques and styles will be emphasized. An emphasis on interdisciplinary and contemporary approaches will be stressed. Studio Fee required.

ARTS2330 Art History: Innovation and Politics - 3 s.h.

Theme-based art history course exploring topics such as innovation, power, politics, architecture, entertainment, sacred spaces, sustainability, and eco art throughout art history to the present. ELO5 Arts - Innovation, GE3A Liberal Learning-Arts.

ARTS2900 Topics in Art - 1-3 s.h.

Special topics in art. May be repeated for credit as topics vary. Content and semester hours will vary. Prerequisites may apply. Additional fee required.

ARTS3000 Individual Study - 1-3 s.h.

ARTS3110 Art History: Activism, Empathy and Justice - 3 s.h.

Theme-based art history course that explores topics such as activism, empathy, justice, disability, mental illness, feminism, sexuality, queer art, social and civic engagement, labor, and race throughout art history to the present. ELO5 Arts - Equality, ELO5 Arts - Equality and Peace, GE3A Liberal Learning-Arts.

ARTS3200 Printmaking - 3 s.h.

This introductory printmaking making course introduces students to non-toxic printmaking techniques including relief printing, monotype, silkscreen, and other contemporary processes. The course explores how these traditional methods have been used as a means for informing, gathering, protesting, and celebration. Studio Fee required. ELO5 Arts - Innovation

ARTS3220 Photography - 3 s.h.

An exploration into visual story telling through digital photography, imaging, and editing. Course will focus on capturing high quality images to use in professional design work. Studio Fee required.

ARTS3240 Eco Art & Ceramics - 3 s.h.

Contemporary and traditional approaches to clay with emphasis on wheel-throwing and hand-building techniques. Exploration of sustainable production practices will also address surface decoration and responsible firing processes. Studio fee required. ELO5 Arts - Sustainability

ARTS3280 Sculpture and New Genres - 3 s.h.

In this course students explore basic methods of creating physical objects. Develops the integration of sculptural concept and practice, and the critical analysis of completed sculpture through a series of projects that investigate sculptural processes and issues. Lectures on directions in sculpture, technical demonstrations, and group critiques are scheduled. Studio fee required.

ARTS3300 Art for the Elementary Schools - 3 s.h.

Development of knowledge and skills to plan, organize, and facilitate meaningful art curricula for elementary art students, with attention to lesson preparation, child artistic development, material discovery and integration with other subjects. Additional fee required. Prerequisite: admittance into Teacher Education, unless part of an approved Liberal Studies Program, junior standing. +This course is only offered every other year.

ARTS3620 Introduction to Animation and Motion Graphics - 3 s.h.

Exploration into motion graphics and visual story telling with an emphasis in concept art, blending digital and traditional technology. Additional fee required. Prerequisites: ARTS1210, ARTS1680 and ARTS1710.

ARTS3630 Graphic Design 3 - 3 s.h.

Study of the integration of type and image through multi-level designs, such as multi page layouts, and identity systems. Additional fee required. Prerequisite: ARTS1680 and ARTS1710.

ARTS3640 UX and UI Fundamentals - 3 s.h.

Introduction into the principles of interactivity through interface, web, and information design. Additional fee required. Prerequisite: ARTS1210, ARTS1680 and ARTS1710.

ARTS3840 Interdisciplinary Studio - 3 s.h.

Focuses on generating interdisciplinary theories, practices and works within a studio-based format. The course allows for collaborative learning opportunities for students working in different disciplines to approach themes and develop personal bodies of work. May be repeated for credit. Prerequisite: Any lower-level studio art course.

ARTS3900 Topics in Art - 1-3 s.h.

Study of topics in studio art or commercial design. May be repeated for credit as topics vary. Content and semester hours will vary. Additional studio fee may be required. Prerequisites may apply.

ARTS4350 Art for the Secondary School - 3 s.h.

Development of knowledge and skills to plan, organize, and facilitate meaningful art curricula for secondary art students with attention to lesson preparation and material discovery. Additional fee required. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program. +This course is only offered every other year.

ARTS4450 Graphic Design Internship - 3 s.h.

Advanced work intended for graphic design experiences in a real world environment. The majority of graphic design internships will occur off-campus in organizations such as advertising agencies, commercial art studios, commercial printing art departments, corporate in-house art departments or any site deemed appropriate by the instructor. Some internships may be available on campus in the CMC. Repeatable once for credit. (Graded on a Pass/Fail basis.) Prerequisite: At least two courses from the Graphic Design offerings.

ARTS4700 Senior Exhibition - 3 s.h.

A required senior- level course where students identify and critically reflect on a theme that intersects with their own studio practice, or discipline. This course supplements preparations for the capstone exhibition through the analysis of area exhibitions, providing hands-on experience in the mechanics of exhibition production. Portfolio development and professional practices will be emphasized. Permission from instructor required.

Business Management Degree

Graceland's C.H. Sandage School of Business offers a Bachelor of Arts in Business Management degree.



BA Degree — Business Management Major

In addition to the essential education requirements, majors in Business Management must complete a **concentration of 36 semester hours** in Accounting, Business, Economics, and Computer Science Information Technology including:

ACCT2310 Financial Accounting – 3 s.h.

BUAD1100 Introduction to Business – 3 s.h.

BUAD2320 Principles of Management – 3 s.h.

BUAD2380 Principles of Business Finance – 3 s.h.

BUAD3230 Introduction to Change Management – 3 s.h.

BUAD3490 Human Resource Management – 3 s.h.

BUAD4340 Business Law and Ethics – 3 s.h.

BUAD4410/5410 Operations and Supply Chain Management – 3 s.h.

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation – 3 s.h.

ECON1300 Principles of Macroeconomics – 3 s.h.

ECON2100 Introductory Economic Data Analysis – 3 s.h.

Upper Division School of Business Elective (Strongly recommended BUAD3450 Organizational Behavior) – 3 s.h.

Courses Required for General Education:

ECON1320 Principles of Microeconomics – 3 s.h.

MATH1280 College Algebra – 3 s.h.

MATH1370 Statistics for Sciences – 3 s.h.

Recommended in addition to required courses for Business Management:

Internship in Business Management

Other Recommendations:

Leadership Academy Certificate

Courses Offered

ACCT2310 Financial Accounting

BUAD1100 Introduction to Business

BUAD2320 Principles of Management

BUAD2380 Principles of Business Finance

BUAD3230 Introduction to Change Management

BUAD3450 Organizational Behavior

BUAD3490 Human Resource Management

BUAD4220 Seminar in Accounting and Finance

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation

ECON1300 Principles of Macroeconomics

ECON1320 Principles of Microeconomics

ECON2100 Introductory Economic Data Analysis

MATH1280 College Algebra

MATH1360 Statistics for Critical Thinking

Course Descriptions

ACCT2310 Financial Accounting - 3 s.h.

An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

BUAD1100 Introduction to Business - 3 s.h.

Introduction to Business is designed to expose students to the many functions of modern business including topics such as management, finance accounting, marketing, production, computers, international business, small business, investments and other areas of general business interest.

BUAD2320 Principles of Management - 3 s.h.

Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing.

BUAD2380 Principles of Business Finance - 3 s.h.

A study of principles and problems basic to a business firm's decisions in planning for and managing financial resources for the purpose of maximizing the value of these resources. Prerequisites: ECON1320.

BUAD3230 Introduction to Change Management - 3 s.h.

This course is a fundamental exploration into the dynamic field of organizational change. This course gives students a comprehensive understanding of the theories, methodologies, and best practices (change, AI, machine learning) IoT (Internet of Things) and modern innovations) essential for managing organizational change. Participants delve into case studies,

practical applications, and interactive discussions, gaining insights into the complexities of change and the strategies to navigate them successfully.

BUAD3450 Organizational Behavior - 3 s.h.

Human aspects of business organization, as distinguished from economic and technical aspects, and how they influence efficiency, morale, and management practice. Offered Fall even years. +This course is only offered every other year.

BUAD3490 Human Resource Management - 3 s.h.

A comprehensive review of essential personnel management concepts, laws, controversies, and techniques for success currently being used in business. Offered for online Organizational Leadership major only. +This course is only offered every other year.

BUAD4220 Seminar in Accounting and Finance - 3 s.h.

A comprehensive capstone course for students majoring in Finance that integrates material from previous courses taken in the major and explores a wide range of finance-related topics, including the ethical issues affecting the current financial environment of business firms. Pre-requisites: BUAD3370, BUAD3380.

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation - 3 s.h.

This is the capstone course for Business Management, Marketing, and Agricultural Business Majors. The Senior Seminar in Design Thinking for Strategic Innovation is structured with a rigorous approach, emphasizing practical application and critical analysis of design thinking principles to solve real-world strategic challenges. Students engage in advanced problem-solving frameworks, including empathy-driven research, ideation, prototyping, and iterative testing, requiring them to think innovatively and strategically. Throughout the course, they apply design thinking methodologies to complex business scenarios, work on team-based projects, and receive continuous feedback to refine their solutions. The course rigor is reflected in its demand for creativity, strategic foresight, and the ability to navigate ambiguity, preparing students to lead innovation within dynamic business environments. Prerequisites: BUAD2380, BUAD3320, BUAD3330, and MATH1360.

ECON1300 Principles of Macroeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, national income, international trade and finance, fiscal policy, monetary policy,

money, and banking. Prerequisite: 1 year high school algebra; geometry recommended. ELO5 Social Science - World Citizenship, ELO5 Social Science - Innovation

ECON1320 Principles of Microeconomics - 3 s.h.
Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

ECON2100 Introductory Economic Data Analysis - 3 s.h.
An introduction to economic data and statistical techniques commonly applied in business settings. Topics include understanding the basics of data interpretation, manipulation, and visualization. Students will learn how to carry out and interpret basic linear regression and other methods of statistical analysis in Excel.

MATH1280 College Algebra - 3 s.h.
Solutions of polynomial, rational and radical equations, systems of equations, matrices, sequences, series, functions, exponentials.. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1360 Statistics for Critical Thinking - 3 s.h.
A critical thinking approach to data analysis, measures of central tendency, dispersion, correlation, probability, estimation and hypothesis testing. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

Business Management Minor

A minor in Business Management consists of 18 semester hours or more in Accounting, Business Management, Economics, and Computer Science Information Technology including:

- ACCT2310 Financial Accounting – 3 s.h.
- BUAD1100 Introduction to Business – 3 s.h.
- BUAD2320 Principles of Management – 3 s.h.
- BUAD3230 Introduction to Change Management – 3 s.h.
- ECON1320 Principles of Microeconomics – 3 s.h.
- ECON2100 Introductory Economic Data Analysis – 3 s.h.

Courses Offered

ACCT2310 Financial Accounting

BUAD2320 Principles of Management

ECON1320 Principles of Microeconomics

ECON2100 Introductory Economic Data Analysis

Course Descriptions

ACCT2310 Financial Accounting - 3 s.h.
An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

BUAD2320 Principles of Management - 3 s.h.
Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing.

ECON1320 Principles of Microeconomics - 3 s.h.
Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

ECON2100 Introductory Economic Data Analysis - 3 s.h.
An introduction to economic data and statistical techniques commonly applied in business settings. Topics include understanding the basics of data interpretation, manipulation, and visualization. Students will learn how to carry out and interpret basic linear regression and other methods of statistical analysis in Excel.

Business Scholars' Certificate Program

Students wishing to earn a Business Scholars' certificate can be admitted to the program by meeting the admission requirement: Two years high school algebra or two years accounting experience or Financial Accounting (official transcripts required).

Completion of the certificate requires:

Development of an electronic career portfolio that includes: the student's resume, evidence of effective written and oral communication, evidence of effective leadership and collaborative problem-solving, evidence of ethical decision-

making, evidence of technological competency, and reflection statements on special events attended. When complete, the portfolio must be approved by the Program Director.

and

24 semester hours, including:

- ACCT2310 Financial Accounting – 3 s.h.
- BUAD3650 Business Connections – 3 s.h.
- ECON1300 Principles of Macroeconomics – 3 s.h.
- ECON1320 Principles of Microeconomics – 3 s.h.

One of the following:

- 3 s.h. internship* or
- 3 s.h. travel course or
- 3 s.h. BUAD2350/3350 Free Market Practicum

Nine s.h. electives from one of the below areas**:

Marketing

- BUAD2330 Principles of Marketing – 3 s.h.
- BUAD3210 Social Media Marketing – 3 s.h.
- BUAD3430 Digital Marketing Foundations and Strategy – 3 s.h.
- SPMT3300 Sport Marketing – 3 s.h.

Management

- BUAD2320 Principles of Management – 3 s.h.
- BUAD3400 Small Business Ventures and Entrepreneurship – 3 s.h.
- BUAD3450 Organizational Behavior – 3 s.h.
- BUAD4410 Operations and Supply Chain Management – 3 s.h.

Entrepreneurship

- ACCT2320 Managerial Accounting- 3 s.h.

BUAD2330 Principles of Marketing – 3 s.h.

BUAD3400 Small Business Ventures and Entrepreneurship – 3 s.h.

General Business

ACCT2320 Managerial Accounting – 3 s.h.

BUAD2330 Principles of Marketing – 3 s.h.

BUAD2380 Principles of Business Finance – 3 s.h.

BUAD3320 Principles of Management – 3 s.h.

BUAD4340 Business Law and Ethics – 3 s.h.

*For students with a minimum of one year of full-time work experience, the internship requirement may be waived upon request. The nature of this experience should be documented carefully in the portfolio and be shown to have developed the student's career skills.

**For students with a major or minor in the School of Business, the elective coursework must be in addition to courses already required for their major or minor. For example, a student with a BUAD major takes Principles of Management as required and Social Media Marketing as one of their BUAD electives. These courses may not count towards the certificate's electives.

Residency Requirement:
Fifty percent (50%) of the semester hours in the certificate program are required to be taken from Graceland University.

Courses Offered

ACCT2310 Financial Accounting

ACCT2320 Managerial Accounting

BUAD2320 Principles of Management

BUAD2350 Free Market Practicum

BUAD2380 Principles of Business Finance

BUAD3210 Social Media Marketing

BUAD3350 Free Market Practicum

BUAD3400 Small Business Ventures and Entrepreneurship

BUAD3430 Digital Marketing Foundations and Strategy

BUAD3650 Business Connections

BUAD4410 Operations and Supply Chain Management

ECON1300 Principles of Macroeconomics

ECON1320 Principles of Microeconomics

SPMT3300 Sport Marketing

Course Descriptions

ACCT2310 Financial Accounting - 3 s.h.

An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

ACCT2320 Managerial Accounting - 3 s.h.

The selection and analysis of accounting information for internal use by management. Prerequisite: ACCT2310.

BUAD2320 Principles of Management - 3 s.h.

Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing.

BUAD2350 Free Market Practicum - 0-2 s.h.

An experiential course in which students develop and conduct outreach programs to teach and promote free enterprise to various publics. Students will develop greater understanding of and appreciation for the concept of freedom as it applies to the marketplace. May be repeated, although only 4 s.h. may be counted toward any graduation requirement.

BUAD2380 Principles of Business Finance - 3 s.h.

A study of principles and problems basic to a business firm's decisions in planning for and managing financial resources for the purpose of maximizing the value of these resources. Prerequisites: ECON1320.

BUAD3210 Social Media Marketing - 3 s.h.

This course provides a comprehensive overview, with hands-on experience, of Social Media Marketing. The most basic objectives of the course are to provide students with a broad introduction to social media marketing concepts and techniques using the latest online tools combined with practical "real world" application. There will be an emphasis on

strategic use of tools, effective design and contemporary marketing techniques. Students will build and maintain real world marketing campaigns.

BUAD3350 Free Market Practicum - 0-2 s.h.

An experiential course in which students develop and conduct outreach programs to teach and promote free enterprise to various publics. Students will develop greater understanding of and appreciation for the concept of freedom as it applies to the marketplace. May be repeated, although only 4 s.h. may be counted toward any graduation requirement.

BUAD3400 Small Business Ventures and Entrepreneurship - 3 s.h.

Provides an opportunity to develop a business plan for a new venture or expansion of an existing company. Students are expected to acquire skills in evaluating business ventures, learn alternative financing sources, develop ideas for differentiating products, and to develop an understanding of what is required to harvest the profits in a growing business. Prerequisites: ACCT2320 and ECON1320. +This course is only offered every other year.

BUAD3430 Digital Marketing Foundations and Strategy - 3 s.h.

This course introduces students to the fundamental concepts, tools, and strategies of digital marketing in today's technology-driven business environment. Students will explore core topics such as website optimization, search engine marketing (SEM/SEO), social media, email campaigns, mobile platforms, content creation, and data analytics. Emphasis is placed on developing a strategic mindset-integrating digital channels into cohesive marketing plans, aligning tactics with organizational goals, and leveraging analytics to measure performance and refine decision-making. By the end of the course, students will gain both a theoretical foundation and practical skills to design, implement, and evaluate digital marketing strategies across diverse industries and audiences.

BUAD3650 Business Connections - 3 s.h.

A project-based course in which students connect content from one of the certificate program's Business Administration courses with a course in their major. If the student's major is in the School of Business, the project will connect one of the certificate courses with a liberal arts course they are taking concurrently. For non-degree seeking students, the project will connect one of their certificate courses with a life experience or previously completed liberal arts course. Wherever appropriate, the topic must be approved by the instructors of both courses being linked in the project. Prerequisite: Instructor's consent.

BUAD4410 Operations and Supply Chain Management - 3 s.h.
The planning, organizing, staffing, directing and controlling of all the activities of production systems. Prerequisites: MATH1360. Offered Fall odd years. +This course is only offered every other year.

ECON1300 Principles of Macroeconomics - 3 s.h.
Analysis of the fundamental principles of the American economic system, centering on price, national income, international trade and finance, fiscal policy, monetary policy, money, and banking. Prerequisite: 1 year high school algebra; geometry recommended. ELO5 Social Science - World Citizenship, ELO5 Social Science - Innovation

ECON1320 Principles of Microeconomics - 3 s.h.
Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

SPMT3300 Sport Marketing - 3 s.h.
An analysis of the field of marketing from a sports perspective with focus on the elements of and development of a marketing plan. Prerequisite: ECON1320.

Data Analytics for Business Management Certificate

Students wishing to earn the Data Analytics for Business Management certificate must complete the following 18 credit hours with Graceland University.

- BUAD2320 Principles of Management – 3 s.h.
- BUAD3450 Organizational Behavior – 3 s.h.
- CSIT1100 Principles of Computing (Python Programming) – 3 s.h.
- DSCI1500 Principles of Data Science and Analytics – 3 s.h.
- DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.
- ECON2100 Introductory Economic Data Analysis – 3 s.h.

Courses Offered

BUAD2320 Principles of Management

CSIT1100 Principles of Computing (Python Programming)

DSCI1500 Principles of Data Science and Analytics

DSCI4700 Capstone for Data Analytics Certificates

ECON2100 Introductory Economic Data Analysis

Course Descriptions

BUAD2320 Principles of Management - 3 s.h.

Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing.

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

ECON2100 Introductory Economic Data Analysis - 3 s.h.

An introduction to economic data and statistical techniques commonly applied in business settings. Topics include understanding the basics of data interpretation, manipulation, and visualization. Students will learn how to carry out and interpret basic linear regression and other methods of statistical analysis in Excel.

Teacher Certification in Business

FOR BUSINESS MANAGEMENT MAJORS WHO WANT A SECONDARY BUSINESS ENDORSEMENT (5-12):
Students majoring in Business Management who desire Iowa Teacher Certification with a Business (5-12) endorsement must complete the Secondary Education Major (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sec-educ-pro/) (with BUAD3800 Methods of Teaching Business as the appropriate methods course), and the following areas:

3 s.h. in Accounting:

ACCT2320 Managerial Accounting – 3 s.h. **or**

ACCT3220 Ag Accounting and Taxation – 3 s.h.

6 s.h. in Marketing:

BUAD2330 Principles of Marketing – 3 s.h.

One of the 3 credit hour electives from the following:

BUAD3210 Social Media Marketing – 3 s.h. **or**

BUAD4450 Integrated Marketing Communications – 3 s.h. **or**

SPMT3300 Sport Marketing – 3 s.h.

3 s.h. in Entrepreneurship:

BUAD1400 Personal Finance – 3 s.h. **or**

BUAD2350/3350 Free Market Practicum – 1-2 s.h. **or**

BUAD3210 Social Media Marketing – 3 s.h. (if not used for Marketing) **or**

BUAD/ECON3130 Investment Analysis – 3 s.h. **or**

Approved entrepreneurship elective

3 s.h. in Financial Literacy

BUAD1400 Personal Finance – 3 s.h. (if not counted as Entrepreneurship) **or**

BUAD2380 Principles of Business Finance – 3 s.h. **or**

AGRI3100 Agricultural Finance and Resource Allocation – 3 s.h. **or**

BUAD/ECON3130 Investment Analysis – 3 s.h. (if not counted as Entrepreneurship)

FOR NON-BUSINESS MAJORS WHO WANT A SECONDARY BUSINESS ENDORSEMENT (5-12)

Non-business majors desiring a secondary Business endorsement (5-12) in Iowa must complete the Secondary Education Major (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sec-educ-pro/) (with BUAD3800 Methods of Teaching Business as the appropriate methods course), and the following courses:

6 s.h. in Accounting:

ACCT2310 Financial Accounting – 3 s.h.

ACCT2320 Managerial Accounting – 3 s.h. **or**

ACCT3220 Ag Accounting and Taxation – 3 s.h.

3 s.h. in Business Law (to include contract law)

BUAD4340 Business Law and Ethics – 3 s.h.

3 s.h. in Computer and Technical Applications in Business:

UNIV1100 Digital Fluency and Citizenship – 3 s.h. **or**

ECON2100 Introduction to Economic Data Analysis – 3 s.h.

6 s.h. in Marketing (to include consumer studies):

BUAD2330 Principles of Marketing – 3 s.h.

One of the following 3 credit hour electives:

BUAD3210 Social Media Marketing – 3 s.h. **or**

BUAD4450 Integrated Marketing Communications – 3 s.h. **or**

SPMT3300 Sport Marketing – 3 s.h.

3 s.h. in Management

BUAD2320 Principles of Management – 3.sh.

6 s.h. in Economics

ECON1300 Principles of Macroeconomics – 3 s.h.

ECON1320 Principles of Microeconomics – 3 s.h.

3 s.h. in Business Communication (to include formatting, language usage, and oral presentation)

BUAD4450 Integrated Marketing Communications – 3 s.h.
or
BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation – 3 s.h.

3 s.h. in Entrepreneurship (which may be a part of, or in addition to, coursework listed above):

BUAD1400 Personal Finance – 3 s.h. **or**
BUAD2350/3350 Free Market Practicum – 1-2 s.h. **or**
BUAD3210 Social Media Marketing – 3 s.h. (if not used for Marketing) **or**
BUAD/ECON3130 Investment Analysis – 3 s.h. **or**
Approved entrepreneurship elective

3 s.h. in Financial Literacy (which may be a part of, or in addition to, coursework listed above):

BUAD1400 Personal Finance – 3 s.h. **or**
BUAD2380 Principles of Business Finance – 3 s.h. **or**
AGRI3100 Agricultural Finance and Resource Allocation – 3 s.h. **or**
BUAD/ECON3130 Investment Analysis – 3 s.h.

Courses Offered

ACCT2310 Financial Accounting

ACCT2320 Managerial Accounting

ACCT3220 Agricultural Accounting and Taxation

AGRI3100 Agricultural Finance and Resource Allocation

BUAD1400 Personal Finance

BUAD2320 Principles of Management

BUAD2330 Principles of Marketing

BUAD2350 Free Market Practicum

BUAD2380 Principles of Business Finance

BUAD3130 Investment Analysis (also ECON3130)

BUAD3210 Social Media Marketing

BUAD3350 Free Market Practicum

BUAD3430 Digital Marketing Foundations and Strategy

BUAD3800 Methods of Teaching Business

BUAD4450 Integrated Marketing Communication

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation

ECON1300 Principles of Macroeconomics

ECON1320 Principles of Microeconomics

ECON2100 Introductory Economic Data Analysis

ECON3130 Investment Analysis (also BUAD3130)

SPMT3300 Sport Marketing

UNIV1100 Digital Fluency and Citizenship

Course Descriptions

ACCT2310 Financial Accounting - 3 s.h.

An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

ACCT2320 Managerial Accounting - 3 s.h.

The selection and analysis of accounting information for internal use by management. Prerequisite: ACCT2310.

ACCT3220 Agricultural Accounting and Taxation - 3 s.h.

Exposure to accounting methods and taxation policies specific to agricultural producers and businesses. Prerequisite: ACCT2310 Financial Accounting.

AGRI3100 Agricultural Finance and Resource Allocation - 3 s.h.

Application of economics and financial resource allocation to agricultural businesses from producer to distributor to the end consumer. Content includes equity and credit practices for operations and for capital investments. Prerequisite: ECON1320 Microeconomics.

BUAD1400 Personal Finance - 3 s.h.

An overview of personal financial management, including investment, taxation, insurance and credit.

BUAD2320 Principles of Management - 3 s.h.

Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing.

BUAD2330 Principles of Marketing - 3 s.h.

A decision-oriented overview of marketing management in modern organizations. The most basic objectives of the course are to provide students with a broad introduction to marketing concepts, the role of marketing in society and in the firm, and the various factors that influence marketing decision-making. Students will be exposed to and expected to learn the "language of marketing" (that is, terms, concepts, and frameworks) used by practicing marketing managers. Prerequisite: ECON1320.

BUAD2350 Free Market Practicum - 0-2 s.h.

An experiential course in which students develop and conduct outreach programs to teach and promote free enterprise to various publics. Students will develop greater understanding of and appreciation for the concept of freedom as it applies to the marketplace. May be repeated, although only 4 s.h. may be counted toward any graduation requirement.

BUAD2380 Principles of Business Finance - 3 s.h.

A study of principles and problems basic to a business firm's decisions in planning for and managing financial resources for the purpose of maximizing the value of these resources. Prerequisites: ECON1320.

BUAD3130 Investment Analysis (also ECON3130) - 3 s.h.

A study of the fundamental principles underlying the analysis of investments. Prerequisites: ACCT2320, BUAD3120, BUAD2380, and ECON1320. +This course is only offered every other year.

BUAD3210 Social Media Marketing - 3 s.h.

This course provides a comprehensive overview, with hands-on experience, of Social Media Marketing. The most basic objectives of the course are to provide students with a broad introduction to social media marketing concepts and techniques using the latest online tools combined with practical "real world" application. There will be an emphasis on strategic use of tools, effective design and contemporary marketing techniques. Students will build and maintain real world marketing campaigns.

BUAD3350 Free Market Practicum - 0-2 s.h.

An experiential course in which students develop and conduct outreach programs to teach and promote free enterprise to various publics. Students will develop greater understanding of and appreciation for the concept of freedom as it applies to the marketplace. May be repeated, although only 4 s.h. may be counted toward any graduation requirement.

BUAD3430 Digital Marketing Foundations and Strategy - 3 s.h.

This course introduces students to the fundamental concepts, tools, and strategies of digital marketing in today's technology-driven business environment. Students will explore core topics such as website optimization, search engine marketing (SEM/SEO), social media, email campaigns, mobile platforms, content creation, and data analytics. Emphasis is placed on developing a strategic mindset-integrating digital channels into cohesive marketing plans, aligning tactics with organizational goals, and leveraging analytics to measure performance and refine decision-making. By the end of the course, students will gain both a theoretical foundation and practical skills to design, implement, and evaluate digital marketing strategies across diverse industries and audiences.

BUAD3800 Methods of Teaching Business - 3 s.h.

A study of standards, objectives, and curriculum of business in the secondary school. Emphasis on instructional strategies, methods, materials/resources, and techniques of evaluation embedded within the business classroom. Prerequisites: 20 s.h. of business coursework listed above and admittance into the Teacher Education Program, unless part of an approved Interdisciplinary Studies Program.

BUAD4450 Integrated Marketing Communication - 3 s.h.

This course stands as a pivotal cornerstone in the realm of modern marketing strategies, which every marketing student must understand and know its applied science. This comprehensive course examines various marketing channels, emphasizing the harmonious and balanced integration of

advertising, public relations, digital marketing, and brand communication. Students are challenged with a rich learning experience, exploring the synergistic relationship between different communication platforms and their collective impact on building strong, cohesive brand narratives. Prerequisite: BUAD4320

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation - 3 s.h.

This is the capstone course for Business Management, Marketing, and Agricultural Business Majors. The Senior Seminar in Design Thinking for Strategic Innovation is structured with a rigorous approach, emphasizing practical application and critical analysis of design thinking principles to solve real-world strategic challenges. Students engage in advanced problem-solving frameworks, including empathy-driven research, ideation, prototyping, and iterative testing, requiring them to think innovatively and strategically. Throughout the course, they apply design thinking methodologies to complex business scenarios, work on team-based projects, and receive continuous feedback to refine their solutions. The course rigor is reflected in its demand for creativity, strategic foresight, and the ability to navigate ambiguity, preparing students to lead innovation within dynamic business environments. Prerequisites: BUAD2380, BUAD3320, BUAD3330, and MATH1360.

ECON1300 Principles of Macroeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, national income, international trade and finance, fiscal policy, monetary policy, money, and banking. Prerequisite: 1 year high school algebra; geometry recommended. ELO5 Social Science - World Citizenship, ELO5 Social Science - Innovation

ECON1320 Principles of Microeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

ECON2100 Introductory Economic Data Analysis - 3 s.h.

An introduction to economic data and statistical techniques commonly applied in business settings. Topics include understanding the basics of data interpretation, manipulation, and visualization. Students will learn how to carry out and interpret basic linear regression and other methods of statistical analysis in Excel.

ECON3130 Investment Analysis (also BUAD3130) - 3 s.h.

A study of the fundamental principles underlying the analysis of investments. Prerequisites: ACCT2320, BUAD3120, BUAD2380, and ECON1320. +This course is only offered every other year.

SPMT3300 Sport Marketing - 3 s.h.

An analysis of the field of marketing from a sports perspective with focus on the elements of and development of a marketing plan. Prerequisite: ECON1320.

UNIV1100 Digital Fluency and Citizenship - 3 s.h.

An introduction to the concepts of responsible activity and practices in the digital world, important software tools, and understanding the use of data and data analytics in the digital economy. The course teaches students relevant skills necessary to analyze data, prepare visualizations of data, and engage in the digital economy.

Course list - Business Administration

Courses Offered

BUAD1100 Introduction to Business

BUAD1400 Personal Finance

BUAD2000 Individual Study

BUAD2320 Principles of Management

BUAD2350 Free Market Practicum

BUAD2380 Principles of Business Finance

BUAD3000 Individual Study

BUAD3120 Financial Statement Analysis

BUAD3130 Investment Analysis (also ECON3130)

BUAD3200 Business Ethics

BUAD3210 Social Media Marketing

BUAD3230 Introduction to Change Management

BUAD3240 Marketing Research and Analytics

BUAD3350 Free Market Practicum

BUAD3360 Entrepreneurial Leadership

BUAD3370 Corporate Finance and Financial Modeling

BUAD3400 Small Business Ventures and Entrepreneurship

BUAD3420 International Finance

BUAD3430 Digital Marketing Foundations and Strategy

BUAD3490 Human Resource Management

BUAD3650 Business Connections

BUAD3800 Methods of Teaching Business

BUAD4000 Individual Study

BUAD4110 Internship in Entrepreneurship

BUAD4120 Internship in Finance

BUAD4130 Internship in International Business

BUAD4140 Internship in Management

BUAD4150 Internship in Marketing

BUAD4170 Internship in Human Resource Management

BUAD4180 Internship in Social Media Marketing

BUAD4190 Innovations in Finance

BUAD4220 Seminar in Accounting and Finance

BUAD4240 Derivative Securities and Fixed Income

BUAD4320 Strategic Brand Management

BUAD4410 Operations and Supply Chain Management

BUAD4411 Strategic Sales Management

BUAD4450 Integrated Marketing Communication

BUAD4480 International Marketing & Advertising

BUAD4700 Internship in Business Administration

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation

Course Descriptions

BUAD1100 Introduction to Business - 3 s.h.

Introduction to Business is designed to expose students to the many functions of modern business including topics such as management, finance accounting, marketing, production, computers, international business, small business, investments and other areas of general business interest.

BUAD1400 Personal Finance - 3 s.h.

An overview of personal financial management, including investment, taxation, insurance and credit.

BUAD2000 Individual Study - 1-3 s.h.

BUAD2320 Principles of Management - 3 s.h.

Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing.

BUAD2350 Free Market Practicum - 0-2 s.h.

An experiential course in which students develop and conduct outreach programs to teach and promote free enterprise to various publics. Students will develop greater understanding of and appreciation for the concept of freedom as it applies to the marketplace. May be repeated, although only 4 s.h. may be counted toward any graduation requirement.

BUAD2380 Principles of Business Finance - 3 s.h.

A study of principles and problems basic to a business firm's decisions in planning for and managing financial resources for the purpose of maximizing the value of these resources. Prerequisites: ECON1320.

BUAD3000 Individual Study - 1-3 s.h.

BUAD3120 Financial Statement Analysis - 3 s.h.

A focus on the development of skills in evaluating company performance and risk through the analysis of financial reports. Students use data analytics tools to apply industry standard curriculum concepts, including earnings quality, ratio analysis, forecasting, and cash flow evaluation, and to generate insights for investment, credit, and valuation decisions, while comparing GAAP and IFRS. Prerequisite: ACCT2310

BUAD3130 Investment Analysis (also ECON3130) - 3 s.h.

A study of the fundamental principles underlying the analysis of investments. Prerequisites: ACCT2320, BUAD3120, BUAD2380, and ECON1320. +This course is only offered every other year.

BUAD3200 Business Ethics - 3 s.h.

An introduction to various ethical theories and their application to business situations. Students should gain greater awareness of ethical dilemmas as they occur, examine their own morals and their implications in various business settings, and become acquainted with some of the philosophical background of ethics.

BUAD3210 Social Media Marketing - 3 s.h.

This course provides a comprehensive overview, with hands-on experience, of Social Media Marketing. The most basic objectives of the course are to provide students with a broad introduction to social media marketing concepts and techniques using the latest online tools combined with practical "real world" application. There will be an emphasis on strategic use of tools, effective design and contemporary marketing techniques. Students will build and maintain real world marketing campaigns.

BUAD3230 Introduction to Change Management - 3 s.h.

This course is a fundamental exploration into the dynamic field of organizational change. This course gives students a comprehensive understanding of the theories, methodologies, and best practices (change, AI, machine learning) IoT (Internet of Things) and modern innovations) essential for managing organizational change. Participants delve into case studies, practical applications, and interactive discussions, gaining insights into the complexities of change and the strategies to navigate them successfully.

BUAD3240 Marketing Research and Analytics - 3 s.h.

A focus on the practice of studying and managing marketing metrics data in order to enhance decision making for marketing efforts including calls-to-action (CTAs), blog posts, channel performance, and thought leadership pieces, and to identify opportunities for improvement and maximize marketing outcomes. Students will learn how marketing analytics professionals serve as liaisons between those who make marketing decisions and those who work with the data.

BUAD3350 Free Market Practicum - 0-2 s.h.

An experiential course in which students develop and conduct outreach programs to teach and promote free enterprise to various publics. Students will develop greater understanding of and appreciation for the concept of freedom as it applies to the marketplace. May be repeated, although only 4 s.h. may be counted toward any graduation requirement.

BUAD3360 Entrepreneurial Leadership - 3 s.h.

Emphasis is placed on: learning skills for taking risks and thriving in a changing environment; discovering individual passion; learning about the system in which we exist; and becoming action oriented. In addition to being academically challenging, this course will also be physically challenging due to the service projects, team-building and risk-taking activities. Prerequisites: BUAD3350 and instructor's consent.

BUAD3370 Corporate Finance and Financial Modeling - 3 s.h.

An introduction to the fundamental issues of modern finance facing firms, including investment and financing decisions, interactions with capital markets, financial analysis, and business forecasting. Topics are taught with a focus on a code of ethics and professional standards guided by industry best practices.

BUAD3400 Small Business Ventures and Entrepreneurship - 3 s.h.

Provides an opportunity to develop a business plan for a new venture or expansion of an existing company. Students are expected to acquire skills in evaluating business ventures, learn alternative financing sources, develop ideas for differentiating products, and to develop an understanding of what is required to harvest the profits in a growing business. Prerequisites: ACCT2320 and ECON1320. +This course is only offered every other year.

BUAD3420 International Finance - 3 s.h.

An examination of the financial techniques utilized in global organizations and the international financial markets with which they interact. A focus is placed on how financial leaders can make ethically grounded decisions, while navigating the strategic and financial challenges facing global businesses today. +This course is only offered every other year.

BUAD3430 Digital Marketing Foundations and Strategy - 3 s.h.

This course introduces students to the fundamental concepts, tools, and strategies of digital marketing in today's technology-driven business environment. Students will explore core topics such as website optimization, search engine marketing

(SEM/SEO), social media, email campaigns, mobile platforms, content creation, and data analytics. Emphasis is placed on developing a strategic mindset-integrating digital channels into cohesive marketing plans, aligning tactics with organizational goals, and leveraging analytics to measure performance and refine decision-making. By the end of the course, students will gain both a theoretical foundation and practical skills to design, implement, and evaluate digital marketing strategies across diverse industries and audiences.

BUAD3490 Human Resource Management - 3 s.h.
A comprehensive review of essential personnel management concepts, laws, controversies, and techniques for success currently being used in business. Offered for online Organizational Leadership major only. +This course is only offered every other year.

BUAD3650 Business Connections - 3 s.h.
A project-based course in which students connect content from one of the certificate program's Business Administration courses with a course in their major. If the student's major is in the School of Business, the project will connect one of the certificate courses with a liberal arts course they are taking concurrently. For non-degree seeking students, the project will connect one of their certificate courses with a life experience or previously completed liberal arts course. Wherever appropriate, the topic must be approved by the instructors of both courses being linked in the project. Prerequisite: Instructor's consent.

BUAD3800 Methods of Teaching Business - 3 s.h.
A study of standards, objectives, and curriculum of business in the secondary school. Emphasis on instructional strategies, methods, materials/resources, and techniques of evaluation embedded within the business classroom. Prerequisites: 20 s.h. of business coursework listed above and admittance into the Teacher Education Program, unless part of an approved Interdisciplinary Studies Program.

BUAD4000 Individual Study - 1-3 s.h.

BUAD4110 Internship in Entrepreneurship - 1-3 s.h.
An internship that allows students to work with professionals who are in career areas relating to the field of entrepreneurship. The student will play an active role in identifying potential field sponsors. (Graded on a Pass/Fail basis.) Prerequisite: Instructor’s consent.

BUAD4120 Internship in Finance - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of finance. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/ Fail basis.) Prerequisite: Instructor's consent.

BUAD4130 Internship in International Business - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of international business. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BUAD4140 Internship in Management - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of management. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BUAD4150 Internship in Marketing - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of marketing. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/ Fail basis.) Prerequisite: Instructor's consent.

BUAD4170 Internship in Human Resource Management - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of human resource management. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BUAD4180 Internship in Social Media Marketing - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of social media marketing. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BUAD4190 Innovations in Finance - 3 s.h.

An exploration of new technologies that are disrupting the financial services industry, including artificial intelligence, deep learning, blockchain technology and open APIs. Includes an

examination of fintech start-ups that are driving change in business models, products, applications and customer user interface.

BUAD4220 Seminar in Accounting and Finance - 3 s.h.

A comprehensive capstone course for students majoring in Finance that integrates material from previous courses taken in the major and explores a wide range of finance-related topics, including the ethical issues affecting the current financial environment of business firms. Pre-requisites: BUAD3370, BUAD3380.

BUAD4240 Derivative Securities and Fixed Income - 3 s.h.

An examination of derivative securities, including options, futures, forwards, and swaps, and fixed-income instruments, such as bonds and mortgage-backed securities. Topics include valuation, yield curves, duration, credit risk, and hedging, with an application of quantitative analytics and real company data to evaluate strategies within the professional code of ethics. Prerequisite: BUAD3130

BUAD4320 Strategic Brand Management - 3 s.h.

The course is aimed at both students focusing on brand management as it relates to a career and those intellectually curious about branding. Brand management is transforming, and the course tackles various aspects of brand management and the shifting roles of brand managers. The critical learning for this course is framed around four questions: 1. How are these concepts relevant to the real world? 2. How do we know that this is true? 3. Do we have any evidence that this phenomenon exists or is true? 4. How can the frameworks proposed here be helpful to practicing decision-making? This course is designed to provide students with an applied understanding of Strategic Brand Management: 1) brands, brand architecture, and brand management, 2) developing a brand strategy, 3) designing and implementing brand marketing programs, 4) measuring and interpreting brand performance, and 5) growing and sustaining brand equity. Prerequisites: BUAD2330 Principles of Marketing or SPMT330 Sport Marketing.

BUAD4410 Operations and Supply Chain Management - 3 s.h.

The planning, organizing, staffing, directing and controlling of all the activities of production systems. Prerequisites: MATH1360. Offered Fall odd years. +This course is only offered every other year.

BUAD4411 Strategic Sales Management - 3 s.h.

The Strategic Sales Management course emphasizes the strategic leadership aspects of sales and revenue generation. It includes sales forecasting, customer relationship management, sales team management, and negotiation strategies. Students learn to align sales efforts with overall business objectives, maximizing revenue while maintaining strong customer relationships.

BUAD4450 Integrated Marketing Communication - 3 s.h.

This course stands as a pivotal cornerstone in the realm of modern marketing strategies, which every marketing student must understand and know its applied science. This comprehensive course examines various marketing channels, emphasizing the harmonious and balanced integration of advertising, public relations, digital marketing, and brand communication. Students are challenged with a rich learning experience, exploring the synergistic relationship between different communication platforms and their collective impact on building strong, cohesive brand narratives. Prerequisite: BUAD4320

BUAD4480 International Marketing & Advertising - 3 s.h.

The aim of the course is to give the students a deeper understanding of marketing on a global basis. The students examine the international similarities and differences in marketing functions as related to the cultural, economic, political, social, and physical dimensions of the environment. This course is designed to provide students with an applied understanding of international marketing activities based on real-life examples.

BUAD4700 Internship in Business Administration - 1-3 s.h.

nternship that allows students to work with professionals in a business setting. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor’s consent.

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation - 3 s.h.

This is the capstone course for Business Management, Marketing, and Agricultural Business Majors. The Senior Seminar in Design Thinking for Strategic Innovation is structured with a rigorous approach, emphasizing practical application and critical analysis of design thinking principles to solve real-world strategic challenges. Students engage in

advanced problem-solving frameworks, including empathy-driven research, ideation, prototyping, and iterative testing, requiring them to think innovatively and strategically. Throughout the course, they apply design thinking methodologies to complex business scenarios, work on team-based projects, and receive continuous feedback to refine their solutions. The course rigor is reflected in its demand for creativity, strategic foresight, and the ability to navigate ambiguity, preparing students to lead innovation within dynamic business environments. Prerequisites: BUAD2380, BUAD3320, BUAD3330, and MATH1360.

Criminal Justice Degree Program



Matt Schneider lectures on the juvenile court and waivers of jurisdiction during his Criminal Justice class in Briggs Hall.

BA Degree - Criminal Justice Major

In addition to the essential education requirements, students majoring in Criminal Justice must **complete 36 semester hours** as prescribed below:

Required Courses (21 semester hours)

- CRMJ1200 Introduction to Criminal Justice – 3 s.h.
- CRMJ2460 Multicultural Policing – 3 s.h.
- CRMJ3100 Law and the Justice System – 3 s.h.
- CRMJ3220 Criminal Investigation – 3 s.h.
- PSYC1300 Introductory Psychology – 3 s.h.

SOCI1300 Introduction to Sociology – 3 s.h.

PSYC3510 Research Methods* – 3 s.h.

*It is recommended that MATH1370 Statistics for Sciences be taken prior to enrolling for PSYC3510 Research Methods.

And 15 semester hours from courses listed below:

CRMJ/HIST2100 History of Terrorism – 3 s.h.

CRMJ3240 Terrorism and Homeland Security – 3 s.h.

CRMJ3351 Community-Based Corrections – 3 s.h.

CRMJ3420 Drugs in Society – 3 s.h.

CRMJ/POLS3500 Criminal Law – 3 s.h.

CRMJ3520 Juvenile Delinquency and Juvenile Justice – 3 s.h.

CRMJ4700 Criminal Justice Internship** – 1-3 s.h.

**Internships must be approved by instructor prior to enrollment.

Criminal Justice majors are strongly recommended to choose CHEM1340 Forensic Chemistry with Lab (4 s.h.), for their Natural Sciences class in General Education.

Courses Offered

CRMJ1200 Introduction to Criminal Justice

CRMJ2100 History of Terrorism (also HIST2100)

CRMJ2460 Multicultural Policing

CRMJ3100 Law and the Justice System

CRMJ3220 Criminal Investigation

CRMJ3240 Terrorism and Homeland Security

CRMJ3351 Community-Based Corrections

CRMJ3420 Drugs in Society

CRMJ3500 Criminal Law (also POLS3500)

CRMJ3520 Juvenile Delinquency and Juvenile Justice

CRMJ4700 Criminal Justice Internship

HIST2100 History of Terrorism (also CRMJ2100)

MATH1370 Statistics for Sciences

POLS3500 Criminal Law (also CRMJ3500)

PSYC1300 Introductory Psychology

PSYC3510 Research Methods

SOCI1300 Introduction to Sociology

Course Descriptions

CRMJ1200 Introduction to Criminal Justice - 3 s.h.

A survey of the structure and process of the criminal justice system, including the study of law enforcement, criminal courts, and correctional agencies. ELO5 Social Science - Peace, ELO5 Social Science - Equality and Peace

CRMJ2100 History of Terrorism (also HIST2100) - 3 s.h.

A survey of the concept of terrorism, from the French Revolution to present day. Students will critically interrogate the varied meanings of the term, the use of the term to delegitimize opponents, and the problematic nature of the concept of terrorism.

CRMJ2460 Multicultural Policing - 3 s.h.

This course focuses on the challenges present in policing multicultural settings. Issues pertaining to understanding diverse cultures and effective communication across cultures from the standpoint of law enforcement are explored in detail. Recommended prerequisite: CRMJ1200.

CRMJ3100 Law and the Justice System - 3 s.h.

An overview of Constitutional law that impacts the American justice system from arrest through trial, punishment to release. Key legal cases and precedents for policing, prosecution, sentencing, and corrections will be covered in depth. Prerequisite: CRMJ2400.

CRMJ3220 Criminal Investigation - 3 s.h.

This course is a comprehensive approach to the examination and treatment of physical evidence as it relates to the criminal justice system. Students will be involved in an interactive learning experience tied to the securing and preserving of crime scenes and maintaining the integrity of trace evidence for future court proceedings. Prerequisite: CRMJ1200.

CRMJ3240 Terrorism and Homeland Security - 3 s.h.

A theoretical and conceptual framework of how domestic and international terrorism arises and functions. Topics discussed will include theories of the world's best terrorist analysts, the historical background on the phenomenon of terrorism, the roots of contemporary conflicts, current conflicts shaping the world stage, emerging groups, and US Homeland Security organizations—including controversies surrounding human rights and protecting civil liberties.

CRMJ3351 Community-Based Corrections - 3 s.h.

Study of the history and design of community-based correctional programs, including probation and parole. The nature and variety of community corrections programs are examined and analyzed. +This course is only offered every other year.

CRMJ3420 Drugs in Society - 3 s.h.

This course provides students with an understanding of United States drug policy, its evolution and current status, and alternatives from throughout the world. Updated with the latest data and research, this course also presents expanded material on cannabis, hallucinogens, the illegal drug business, and global drug policy. This course will explore addiction from a psychological and physiological lens and introduce diversion strategies and restorative justice concepts.

CRMJ3500 Criminal Law (also POLS3500) - 3 s.h.

Survey of the history, scope, and nature of criminal law in the United States. Includes study of the legal process and rules of evidence.

CRMJ3520 Juvenile Delinquency and Juvenile Justice - 3 s.h.

Includes an examination of the nature, extent, and patterns of juvenile delinquency, evaluation of theories and causal explanations of delinquency and investigation of delinquent subcultures, as well as an examination of legal processing and treatment programs for young offenders. PREREQUISITE: SOCI1300 Introduction to Sociology. +This course is only offered every other year.

CRMJ4700 Criminal Justice Internship - 1-3 s.h.

An intensive internship program in appropriate agencies or departments directly related to criminal justice, law enforcement, or corrections. Placements will be supervised by department faculty and developed in conjunction with the interests of the student. (Graded on a Pass/Fail basis.) Prerequisites: CRMJ2400, minimum 3 s.h. upper division

Criminal Justice course, major in Criminal Justice, junior/senior status, a minimum GPA of 2.75 or better in the major, and instructor's consent.

HIST2100 History of Terrorism (also CRMJ2100) - 3 s.h.
A survey of the concept of terrorism, from the French Revolution to present day. Students will critically interrogate the varied meanings of the term, the use of the term to delegitimize opponents, and the problematic nature of the concept of terrorism.

MATH1370 Statistics for Sciences - 3 s.h.
Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

POLS3500 Criminal Law (also CRMJ3500) - 3 s.h.
Survey of the history, scope, and nature of criminal law in the United States. Includes study of the legal process and rules of evidence.

PSYC1300 Introductory Psychology - 3 s.h.
An introductory survey of psychological methods and thoughts as they relate to human experience and behavior. Topics include the role of the central nervous system in mediating behavior, learning and memory, states of awareness, motivation and emotion, personality, psychological disorders, and therapy. ELO5 Social Science – Innovation, GE3E Liberal Learning-Social Sciences.

PSYC3510 Research Methods - 3 s.h.
A survey of the principles and practices of social research, including research ethics, experimental design, surveys, in-depth interviews, content analysis, participant observation, and field studies. Students also learn to write in scientific journal style. Prerequisite: 6 additional hours of psychology, sociology, or criminal justice.

SOCI1300 Introduction to Sociology - 3 s.h.
Introduction to the perspective of sociology, its basic concepts and principles and an overview of the field.Includes study of social classes, sex roles, crime and deviance, socialization, social movements and others. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace

Criminal Justice - Minor

A minor in Criminal Justice consists of 18 semester hours in criminal justice, including:

CRMJ1200 Introduction to Criminal Justice – 3 s.h.

CRMJ2460 Multicultural Policing – 3 s.h.

CRMJ3100 Law and the Justice System – 3 s.h.

CRMJ3220 Criminal Investigation – 3 s.h.

and 6 additional semester hours of criminal justice electives.

Courses Offered

CRMJ1200 Introduction to Criminal Justice

CRMJ2460 Multicultural Policing

CRMJ3100 Law and the Justice System

CRMJ3220 Criminal Investigation

Course Descriptions

CRMJ1200 Introduction to Criminal Justice - 3 s.h.

A survey of the structure and process of the criminal justice system, including the study of law enforcement, criminal courts, and correctional agencies. ELO5 Social Science - Peace, ELO5 Social Science - Equality and Peace

CRMJ2460 Multicultural Policing - 3 s.h.

This course focuses on the challenges present in policing multicultural settings. Issues pertaining to understanding diverse cultures and effective communication across cultures from the standpoint of law enforcement are explored in detail. Recommended prerequisite: CRMJ1200.

CRMJ3100 Law and the Justice System - 3 s.h.

An overview of Constitutional law that impacts the American justice system from arrest through trial, punishment to release. Key legal cases and precedents for policing, prosecution, sentencing, and corrections will be covered in depth. Prerequisite: CRMJ2400.

CRMJ3220 Criminal Investigation - 3 s.h.

This course is a comprehensive approach to the examination and treatment of physical evidence as it relates to the criminal justice system. Students will be involved in an interactive

learning experience tied to the securing and preserving of crime scenes and maintaining the integrity of trace evidence for future court proceedings. Prerequisite: CRMJ1200.

Course list - Criminal Justice

Courses Offered

CRMJ1200 Introduction to Criminal Justice

CRMJ1400 Introduction to Forensic Psychology (also PSYC1400)

CRMJ2100 History of Terrorism (also HIST2100)

CRMJ2460 Multicultural Policing

CRMJ3100 Law and the Justice System

CRMJ3220 Criminal Investigation

CRMJ3240 Terrorism and Homeland Security

CRMJ3351 Community-Based Corrections

CRMJ3420 Drugs in Society

CRMJ3500 Criminal Law (also POLS3500)

CRMJ3520 Juvenile Delinquency and Juvenile Justice

CRMJ3900 Advanced Topics in Criminal Justice

CRMJ4700 Criminal Justice Internship

Course Descriptions

CRMJ1200 Introduction to Criminal Justice - 3 s.h.
A survey of the structure and process of the criminal justice system, including the study of law enforcement, criminal courts, and correctional agencies. ELO5 Social Science - Peace, ELO5 Social Science - Equality and Peace

CRMJ1400 Introduction to Forensic Psychology (also PSYC1400) - 3 s.h.

Explores the differing, yet varied facets of the field of forensic psychology including landmark legal cases relevant to psychology, potential careers in forensic psychology, police psychology, expert testimony, forensic psychological assessment, psychopathy, homeland security, ethics, correctional psychology, and issues in working in the juvenile justice system.

CRMJ2100 History of Terrorism (also HIST2100) - 3 s.h.

A survey of the concept of terrorism, from the French Revolution to present day. Students will critically interrogate the varied meanings of the term, the use of the term to delegitimize opponents, and the problematic nature of the concept of terrorism.

CRMJ2460 Multicultural Policing - 3 s.h.

This course focuses on the challenges present in policing multicultural settings. Issues pertaining to understanding diverse cultures and effective communication across cultures from the standpoint of law enforcement are explored in detail. Recommended prerequisite: CRMJ1200.

CRMJ3100 Law and the Justice System - 3 s.h.

An overview of Constitutional law that impacts the American justice system from arrest through trial, punishment to release. Key legal cases and precedents for policing, prosecution, sentencing, and corrections will be covered in depth. Prerequisite: CRMJ2400.

CRMJ3220 Criminal Investigation - 3 s.h.

This course is a comprehensive approach to the examination and treatment of physical evidence as it relates to the criminal justice system. Students will be involved in an interactive learning experience tied to the securing and preserving of crime scenes and maintaining the integrity of trace evidence for future court proceedings. Prerequisite: CRMJ1200.

CRMJ3240 Terrorism and Homeland Security - 3 s.h.

A theoretical and conceptual framework of how domestic and international terrorism arises and functions. Topics discussed will include theories of the world's best terrorist analysts, the historical background on the phenomenon of terrorism, the roots of contemporary conflicts, current conflicts shaping the world stage, emerging groups, and US Homeland Security organizations—including controversies surrounding human rights and protecting civil liberties.

CRMJ3351 Community-Based Corrections - 3 s.h.

Study of the history and design of community-based correctional programs, including probation and parole. The nature and variety of community corrections programs are examined and analyzed. +This course is only offered every other year.

CRMJ3420 Drugs in Society - 3 s.h.

This course provides students with an understanding of United States drug policy, its evolution and current status, and alternatives from throughout the world. Updated with the latest data and research, this course also presents expanded material on cannabis, hallucinogens, the illegal drug business, and global drug policy. This course will explore addiction from a psychological and physiological lens and introduce diversion strategies and restorative justice concepts.

CRMJ3500 Criminal Law (also POLS3500) - 3 s.h.

Survey of the history, scope, and nature of criminal law in the United States. Includes study of the legal process and rules of evidence.

CRMJ3520 Juvenile Delinquency and Juvenile Justice - 3 s.h.

Includes an examination of the nature, extent, and patterns of juvenile delinquency, evaluation of theories and causal explanations of delinquency and investigation of delinquent subcultures, as well as an examination of legal processing and treatment programs for young offenders. PREREQUISITE: SOCI1300 Introduction to Sociology. +This course is only offered every other year.

CRMJ3900 Advanced Topics in Criminal Justice - 3 s.h.

An in-depth study of topics from the fields of criminal justice, law enforcement, or corrections. Courses may be repeated as topics vary. Prerequisites: CRMJ2400.cr

CRMJ4700 Criminal Justice Internship - 1-3 s.h.

An intensive internship program in appropriate agencies or departments directly related to criminal justice, law enforcement, or corrections. Placements will be supervised by department faculty and developed in conjunction with the interests of the student. (Graded on a Pass/Fail basis.) Prerequisites: CRMJ2400, minimum 3 s.h. upper division Criminal Justice course, major in Criminal Justice, junior/senior status, a minimum GPA of 2.75 or better in the major, and instructor's consent.

BA Degree - Digital Content Creation Major



BA Degree — Digital Content Creation Major

The digital media landscape is rapidly and constantly changing, and students need more than just the skills to produce a single type of content; they need to understand the way that a variety of media platforms can work synergistically and can produce compelling content across a range of digital media. In addition to classroom-based skills development and knowledge acquisition, students in the Digital Content Creation major will receive industry experience during their time at Graceland through a content creation internship and graduate with a professional portfolio.

The Digital Content Creation major requires 37-39 hours of coursework as outlined below.

- ARTS1210: Making and Meaning – 3 s.h.
- ARTS1680: Graphic Design 1 – 3 s.h.
- ARTS1710: Graphic Design 2 – 3 s.h.
- ARTS3220: Photography – 3 s.h.
- COMM2220: Communication and Advocacy – 3 s.h.
- COMM2500: Introduction to Mass Media – 3 s.h.
- COMM3500: Digital Discourses in Media – 3 s.h.
- ENGL2510 Introduction to Film – 3 s.h.
- ENGL3320: Creative Writing: Nonfiction – 3 s.h.
- ENGL3480: Cultural Studies – 3 s.h.
- ENGL3530: Digital Filmmaking – 3 s.h.

Capstone Course/Practicum – 3 s.h.:

ARTS4700: Senior Exhibition or

BUAD3210: Social Media Marketing or

COMM4150: Senior Seminar

Students will complete an Internship in addition to a Senior Project, and they should sign up for:

COMM4300 Internship in Communication or

ENGL4300 Internship in English – 1-3 s.h.

Courses Offered

ARTS1210 Making and Meaning

ARTS1680 Graphic Design 1

ARTS1710 Graphic Design 2

ARTS3220 Photography

ARTS4700 Senior Exhibition

BUAD3210 Social Media Marketing

COMM2220 Communication and Advocacy

COMM2500 Introduction to Mass Media

COMM3500 Digital Discourses in Media

COMM4150 Senior Seminar

COMM4300 Internship in Communication

ENGL2510 Introduction to Film

ENGL3320 Creative Writing: Nonfiction

ENGL3480 Cultural Studies

ENGL3530 Digital Filmmaking

ENGL4300 Internship in English

Course Descriptions

ARTS1210 Making and Meaning - 3 s.h.

Students will explore a variety of techniques and concepts that focus on the generation, development, and communication of new ideas through exploration of the principles and elements of design in relation two-dimensional design and color theory. This course explores the relationship of material, method, and process in the construction of meaning in art. Students experiment with interdisciplinary research methods to generate projects reflecting current topics of interest. Studio fee required. ELO5 Arts - Innovation

ARTS1680 Graphic Design 1 - 3 s.h.

A technical course exploring the digital tools used in the graphic design industry. Students are exposed to the function, theory, and use of industry-standard computer hardware, software, and basic digital design principles utilized in the production of graphic design.

ARTS1710 Graphic Design 2 - 3 s.h.

Covers basic principles of typography, such as type anatomy, type fonts and families, communication with typography and an introduction to layout and grid structures. Typography as medium and message and conceptual solutions are emphasized. Additional fee required. Prerequisite: ARTS1680 Computer Graphic Design 1.

ARTS3220 Photography - 3 s.h.

An exploration into visual story telling through digital photography, imaging, and editing. Course will focus on capturing high quality images to use in professional design work. Studio Fee required.

ARTS4700 Senior Exhibition - 3 s.h.

A required senior- level course where students identify and critically reflect on a theme that intersects with their own studio practice, or discipline. This course supplements preparations

for the capstone exhibition through the analysis of area exhibitions, providing hands-on experience in the mechanics of exhibition production. Portfolio development and professional practices will be emphasized. Permission from instructor required.

BUAD3210 Social Media Marketing - 3 s.h.

This course provides a comprehensive overview, with hands-on experience, of Social Media Marketing. The most basic objectives of the course are to provide students with a broad introduction to social media marketing concepts and techniques using the latest online tools combined with practical "real world" application. There will be an emphasis on strategic use of tools, effective design and contemporary marketing techniques. Students will build and maintain real world marketing campaigns.

COMM2220 Communication and Advocacy - 3 s.h.

An examination of rhetorical and political communication theories and practices that are fundamental to social change advocacy. Students will become familiar with basic tools of organizing and advocating for social change, with hands-on application of various communication theories and approaches. +This course is only offered every other year.

COMM2500 Introduction to Mass Media - 3 s.h.

An examination of the various landmark theories, such as rhetorical, Marxist, and feminist to analyze popular culture, with an emphasis on the importance of communication in the production and consumption of culture. Students will study the development of culture by applying different theories or 'lenses' to cultural artifacts including music, movies, advertisements, clothing, etc. GE3C Liberal Learning-Humanities +This course is only offered every other year.

COMM3500 Digital Discourses in Media - 3 s.h.

An exploration of the emergence of new communication practices as well as their social, political, cultural, and economic impact in personal, community, cultural, social, institutional, and international life. Specific attention will be given to the ways social media influence and shape matters of ethics and privacy, how we see ourselves and others, how we interact formally and informally, and how we do business. ELO4 Global Learning - Innovation +This course is only offered every other year.

COMM4150 Senior Seminar - 3 s.h.

Allows students to synthesize knowledge across the communication studies major through the exploration and presentation of original research. Offered every spring.

COMM4300 Internship in Communication - 1-3 s.h.
Off-campus practical experience in a communication related professional setting. Offers an opportunity for application of communication skills and knowledge in monitored individual learning setting related to student's academic and career interests. Pass/fail only. Prerequisite: Permission of instructor. Repeatable to a maximum of six hours.

ENGL2510 Introduction to Film - 3 s.h.
Study of cinema as an artistic endeavor, form of rhetoric, cultural mirror, and purveyor of ideology. Introduces the fundamentals of the discipline, to include vocabulary, concepts of film production, film reception, film analysis, film interpretation, and film criticism. Exploration of the artistic, commercial, entertainment, and ideological relationships between cinema and American culture, along with practice in the film literacy skills needed to qualitatively assess and communicate cinema's artistic and cultural contributions. ELO5 Humanities - Innovation.

ENGL3320 Creative Writing: Nonfiction - 3 s.h.
Study of nonfiction writing through the lens of sustainability. Investigates the maintenance of various systems that meet human needs (e.g. emotional, physical, social, environmental) through extensive nonfiction writing and class discussion. Emphasis on nonfiction as a means of self-discovery as well as an art form. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities.

ENGL3480 Cultural Studies - 3 s.h.
Explores cultural systems of meaning and attendant issues of power, particularly in terms of class, gender, nation, race, nature, and sexuality. Emphasis on commercial and media culture. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL3530 Digital Filmmaking - 3 s.h.
A hands-on introduction to digital film production and editing. Introduces the technical knowledge need to investigate the creative possibilities of composition, light, motion, color and sound in shooting digital film. Examines the fundamentals of nonlinear editing, including continuity development, logging clips, audio tracks, and transitions. Additional fee required. Prerequisites: ENGL2510 or instructor consent. +This course is only offered every other year.

ENGL4300 Internship in English - 1-3 s.h.

Off-campus practical experience in a communication related professional setting. Offers an opportunity for application of communication skills and knowledge in monitored individual learning setting related to student's academic and career interests. Pass/Fail only. Prerequisite: Permission of instructor. Repeatable to a maximum of six hours.

Education Degree Programs



Accreditation

The Teacher Education Programs of Graceland University have been approved by the Iowa Department of Education.

Teacher Education Programs

The Teacher Education Programs of Graceland University have been approved by the Iowa Department of Education. Information about the Graceland Teacher Education Program Title II Report is here (https://pubdocs.graceland.edu/Registrar/GUTitleIIProgramReport20180609.pdf). When planning to teach in a state other than Iowa, students will plan their programs in accordance with the requirements of the other state. The following endorsements are available:

- Elementary Education (K-6 grade levels)

Secondary Education (5-12 grade levels)

Combination Education (K-8 and 5-12 grade levels)

Specific requirements for these programs can be found in the education section of the catalog and in the appropriate departmental sections for major and second teaching area requirements at the secondary level. Students enrolling at Graceland University to complete requirements for teacher licensure in Iowa or to add an additional endorsement(s) to a current Iowa teaching license will receive an official transfer credit evaluation and program of study from the Registrar. Students, who do not plan to complete education courses leading to licensure or an approved teaching endorsement, will be considered as being enrolled for personal enrichment and will not be eligible for an institutional recommendation from Graceland.

The student teaching field experience required for individuals who already have teacher licensure and are adding a mild/moderate special education endorsement is fulfilled with EDUC3450 K-6 Mild Moderate Special Education Practicum or EDUC3550 7-12 Mild Moderate Special Education Practicum.

Coaching Endorsement (K-12 levels)

Students in Elementary, Secondary, or Combination Programs (see above) may seek a coaching endorsement. Requirements are listed in the Physical Education (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/physical-education/) section of the catalog.

Admission to Teacher Education

Students will apply for admission to the Teacher Education Program after successfully meeting all EDUC2420 Entry Workshop requirements; application for admission will be completed as part of course requirements. Acceptance into the program is approved by the Teacher Education Committee.

EDUC2420 Course requirements:

1. Complete an entrance pre-assessment and Content Area Preparation Plan.
2. Complete the GSOE technology and diversity surveys
3. Submit a graduation plan approved by their advisor
4. Submit one professional reference

In addition, applicants must:

1. Earn a minimum Graceland University GPA of 2.75
2. Earn a grade of "C" or higher in all education courses and successful completion of EDUC1300 Introduction to Education OR an approved Introduction to Education and EDUC1410 Clinical Experience Lab
3. Submit and disclose revoked or suspended education-related licenses (e.g. para-educator, coaching, etc.) and/or any criminal convictions
4. Undergo periodic state background checks

5. Submit two additional professional references (for a total of 3; two of which must come from GSOE faculty)

Admission to Student Teaching

Candidates seeking admission to Student Teaching are required to complete the following prior to March 1 of the year prior to when student teaching is to begin. Applicants must have:

1. been admitted to the Teacher Education Program,
2. completed required Education courses with e-portfolio assessed,
3. maintained a 2.75 cumulative GPA,
4. earned a "C" or higher grade in all required Education classes,
5. completed a successful practicum or internship,
6. removed incomplete grades in required Education courses or other courses. If completion of an incomplete grade is pending, submit a plan for completion before participation in student teaching, and
7. taken the Foundations of Reading Assessment, if an Elementary Education major.

Teacher Licensure

At the close of their final semester, students normally apply to the state for licensure. Teaching certificates are then issued by Iowa to applicants who meet these requirements:

1. a cumulative grade point average of 2.75 or higher and "C" or higher grades in all education courses,
2. specific program completion with a "Pass" grade for student teaching,
3. completion of program surveys and assessments,
4. successful completion of e-portfolio, and
5. university recommendation.

When planning to teach in a state other than Iowa, students will plan their programs in accordance with the requirements of the other state. They will in turn be recommended by the university for those certificates for which they qualify.

BA Degree - Elementary Education (K-6 grade level)

In addition to the general education requirements, **majors in Elementary Education must complete the Education requirements and one approved concentration**:

Education Requirements:

SCIE1200 Integrated Science with Lab – 4 s.h.

Science elective 2-4 s.h.

ENGL1100 Composition I: Introduction to Writing Skills **or**
HONR1010 Honors 101 – 3 s.h.

COMM1100 Foundations of Public Speaking **or**
HONR2010 Honors 201 – 3 s.h.

MATH1310 Mathematical Concepts – 3 s.h.

*Mathematics elective (MATH1360 Statistics for Critical Thinking recommended) – 3 s.h.

HIST1320 World Civilizations II **or**
HIST2420 U.S. History since 1877 – 3 s.h.

POLS1300 United States Government or an approved United States Government with civic literacy class – 3 s.h.

EDUC1300 Introduction to Education – 3 s.h. **or**

a School of Education approved Introduction to Education course and EDUC1410 Clinical Experience Lab – 1 s.h.

EDUC2120 Human Relations – 3 s.h.

EDUC2160 Early Literacy, Language Acquisition, and Collaboration (EDUC2160) – 3 s.h.

EDUC2300 Children's and Adolescent Literature in Elementary Education – 3 s.h.

EDUC2420 Teacher Education Entry Workshop – 0 s.h.

EDUC3300 Foundations of Literacy Instruction – 3 s.h.

EDUC3475 Social Studies Methods and Content Reading Strategies – 3 s.h.

EDUC3481 Language Arts, Reading, and Writing Methods – 3 s.h.

EDUC3511 Science Methods for Elementary Educators – 3 s.h.

EDUC3530 Math Methods for Elementary Educators – 3 s.h.

EDUC3540 Elementary Education Methods Lab – 1 s.h.

EDUC3580 Education of Exceptional Children and Adults – 3 s.h.

EDUC3590 Educational Psychology and Measurement – 3 s.h.

EDUC3710 K-6 Elementary Education Practicum
(may be met by electing EDUC3280, EDUC3290, EDUC3330, or EDUC3450).
Students with concentrations in Art, Music, or Physical Education must conduct the internship in the appropriate subject area – 1-2 s.h.

EDUC4250 Professional Practice Seminar – 3 s.h.

** EDUC4400 Elementary Student Teaching – 14 s.h.

PSYC2250 Developmental Psychology – 3 s.h.

EDUC2500 Teaching PK/Elementary Physical Education, Health/Wellness, Visual and Performance Arts – 1-3 s.h. **or**
Methods courses in

1. Elementary Physical Education

2. Health/Wellness
3. Visual Arts
4. Performance Arts (Music or Creative Drama)

EDUC4380 Capstone Seminar – 0 s.h.

*A Computer Science course will not meet the mathematics elective.

**Students with majors in Elementary Education and another teaching discipline who are seeking endorsements at both the elementary and secondary levels should substitute EDUC4450 Combination Student Teaching. Students with a concentration in K-8 Mild/Moderate Special Education should substitute EDUC4460 Elementary and Mild/Moderate Student Teaching.

Courses Offered

COMM1100 Foundations of Public Speaking

EDUC1300 Introduction to Education

EDUC1410 Clinical Experience Lab

EDUC2120 Human Relations

EDUC2160 Early Literacy, Language Acquisition, and Collaboration

EDUC2300 Children's and Adolescent Literature in Elementary Education

EDUC2420 Teacher Education Entry Workshop

EDUC2500 Teaching PK/Elementary Physical Education, Health/Wellness, Visual and Performance Arts

EDUC3280 Middle School Practicum

EDUC3290 Early Childhood Practicum

EDUC3300 Foundations of Literacy Instruction

EDUC3330 K-6 Reading Practicum

EDUC3450 K–6 Mild/Moderate Special Education Practicum

EDUC3475 Social Studies Methods and Content Reading Strategies

EDUC3481 Language Arts, Reading, and Writing

EDUC3511 Science Methods for Elementary Educators

EDUC3530 Math Methods for Elementary Educators

EDUC3540 Elementary Education Methods Lab

EDUC3580 Education of Exceptional Child and Adult

EDUC3590 Educational Psychology

EDUC3710 K-6 Elementary Education Practicum

EDUC4250 Professional Practice Seminar

EDUC4380 Capstone Seminar

EDUC4400 Elementary Student Teaching (K-6)

EDUC4450 Combination K-6 and 7-12 Student Teaching

EDUC4460 Elementary and Mild/Moderate Student Teaching

ENGL1100 Composition I: Introduction to Writing

HIST1320 World Civilizations II

HIST2420 United States History Since 1877

HONR1010 Honors 101

HONR2010 Honors 201

MATH1310 Mathematical Concepts

MATH1360 Statistics for Critical Thinking

POLS1300 United States Government

PSYC2250 Developmental Psychology

SCIE1200 Integrated Science with Lab

Course Descriptions

COMM1100 Foundations of Public Speaking - 3 s.h.

Foundations of Public Speaking focuses on practices in the speech processes of writing, delivery, listening, audience analysis, criticism, and performance of introductory, informative, persuasive, and mediated speeches. The course introduces foundations of academic research and provides students with the skillset to expand their critical thinking and speaking to meet the dynamic demands of public communication. The emphasis of the course is on learning through performance and application of communication principles and tools. ELO1B Communications, GE1B Foundational Skills-Writing and Communication.

EDUC1300 Introduction to Education - 3 s.h.

Emphasis is upon social, historical, and philosophical foundations of education; ethics; reflection; and professional development. Includes a series of observation and teaching activities in a variety of P-12 classroom settings monitored by licensed professional educators as well as university faculty. Students must earn a grade of C or higher in this class for admittance into Teacher Education and to enroll in junior-level education classes. (Additional background check fee required.)

EDUC1410 Clinical Experience Lab - 1 s.h.

A robust series of well-sequenced early clinical field experiences that connect to and integrate the content of EDUC1400. Students will observe and participate in teaching activities in a variety of P-12 classroom settings monitored by licensed professional educators as well as university faculty. (Graded on a Pass/Fail basis.)

EDUC2120 Human Relations - 3 s.h.

Analysis of various societal subgroups and how such groups recognize and deal with dehumanizing biases. Students learn to relate effectively to various groups to foster understanding and respect for equity, diversity, and inclusion. Emphasis on self-awareness in human relations issues and how this awareness can be translated into positive relationships. Introduction to ethnographic analysis and pedagogical, curricular, and social considerations involved in working with and educating various societal subgroups. ELO3 Ethical Thinking and Action - Equality, ELO3 Ethical Thinking and Action - Equality and Peace, GE3E Liberal Learning-Social Sciences

EDUC2160 Early Literacy, Language Acquisition, and Collaboration - 3 s.h.

Study of the psychological, socio-cultural, and linguistic foundations of reading and writing processes and instruction. Apply knowledge of language development, reading acquisition (birth through third grade), and the variations related to culture and linguistic diversity to provide effective instruction in reading and writing. Acquire knowledge of the unique needs and backgrounds of students with language differences and delays and uses effective strategies for facilitating the learning of standard English by all learners. A study of methods and strategies for working with parents, support services personnel, regular classroom teachers, paraprofessionals, and other individuals involved in an education setting.

EDUC2300 Children's and Adolescent Literature in Elementary Education - 3 s.h.

A survey of literature for children. Prepare to use knowledge of children's literature for modeling the reading and writing of varied genres, fiction and nonfiction, technology- and media-based information, and non-print materials; for motivating through the use of texts at multiple levels, representing broad interests, and reflecting varied cultures, linguistic backgrounds, and perspectives; and for matching text complexities to the proficiencies and needs of readers. Includes a brief survey of literature for the adolescent. Does not apply toward literature for general education.

EDUC2420 Teacher Education Entry Workshop - 0.0 s.h.

Acquire information pertaining to teacher education requirements and candidate responsibilities for the program assessment system. Take the GSOE required content area pre-assessment, among other requirements for program participation. Required for all transfer students during their first semester or term at Graceland. (Additional E-Portfolio fee required. Graded on a Pass/Fail basis.)

EDUC2500 Teaching PK/Elementary Physical Education, Health/Wellness, Visual and Performance Arts - 1-3 s.h.

Development of skills and abilities related to learning physical education, health/wellness, visual and performance arts methods for teaching in the preschool and elementary classroom.

EDUC3280 Middle School Practicum - 1-2 s.h.

A two-week practicum in a middle school classroom. Prerequisites: EDUC3560. Admittance into Teacher Education required. (Graded on a Pass/Fail basis).

EDUC3290 Early Childhood Practicum - 1-2.5 s.h.

A pre-student teaching practicum of at least 100 clock hours. Work with three age levels: (1) infant and toddler, (2) preprimary, and (3) primary students in two different settings such as rural and urban, and encompassing differing socioeconomic status, ability levels, cultural and linguistic diversity and program types and sponsorship. Prerequisites: EDUC3200, EDUC3310. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3300 Foundations of Literacy Instruction - 3 s.h.

Study a range of research pertaining to reading, writing, and learning, including scientifically-based reading research, and knowledge of histories of reading. Examine major components of reading. Use a variety of assessment strategies to identify reading proficiencies and evaluating needs for planning and instruction and communicating results of assessments. Match text complexities to the proficiencies and needs of readers. Use knowledge of a range of research-based strategies and instructional technology for designing and delivering effective instruction across the curriculum, for grouping students, and for selecting materials appropriate for learners at various stages of reading and writing development and from varied cultural and linguistic backgrounds. Prerequisite EDUC1300.

EDUC3330 K-6 Reading Practicum - 1-3 s.h.

A three-week practicum in elementary school literacy programs for struggling students. Work with a licensed professional who observes, evaluates, and provides feedback on knowledge, dispositions, and performance of the teaching of reading and writing. Effectively use reading and writing strategies, materials, and assessments based upon appropriate reading and writing research and work with colleagues and families in the support of reading and writing development. Pre or Corequisite: EDUC3390. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3450 K–6 Mild/Moderate Special Education Practicum - 1-2 s.h.

A two-week practicum in Mild/Moderate Special Education Programs in elementary schools. Prerequisites: EDUC3200, EDUC3220. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3475 Social Studies Methods and Content Reading Strategies - 3 s.h.

Best-practice, research-based instructional methods for teaching social studies in an elementary classroom including citizenship, history, geography, civic literacy, and economics. Strategies for integrating content reading strategies, technology and classroom management with social studies are incorporated. Prerequisite: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program.

EDUC3481 Language Arts, Reading, and Writing - 3 s.h.

Curriculum and strategies for instructing language arts, reading, and writing in the elementary school. Use knowledge and assessment of reading-writing-speaking connections, listening and viewing, the writing process, the stages of spelling development, writing genres and the connections between oral and written language development to effectively teach writing as communication and integrating within the content areas. Technology and classroom management as it applies to literacy methods is included. Prerequisite: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program and EDUC3300.

EDUC3511 Science Methods for Elementary Educators - 3 s.h.

An introduction to best-practice, research-based methods of inquiry-based teaching and learning of science. Curriculum and strategies introduced for instructing in the areas of physical, earth/space, and life science. Integration of content reading strategies, technology and classroom management as it applies to science methods included. Prerequisite: EDUC1300, admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program.

EDUC3530 Math Methods for Elementary Educators - 3 s.h.

An introduction to best-practice, research-based methods of teaching and learning mathematical processes to include problem solving, reasoning, communication, making connections and representations to the real life experiences for student learning. Curriculum, instruction, assessment, diagnosis and evaluation strategies introduced in the areas of numbers/operations, algebra, geometry, measurement, data analysis, and probability. Integration of content reading strategies, technology and classroom management as it applies to math methods included. Prerequisites: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program. Co-requisite: EDUC3540.

EDUC3540 Elementary Education Methods Lab - 1 s.h.

Students apply curriculum planning and instructional strategies for teaching literacy and mathematics in a pre-student teaching clinical experience. Students are placed in two different grade levels to include one primary and one intermediate placement. Prerequisite: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program. Co-requisite: EDUC3530.

EDUC3580 Education of Exceptional Child and Adult - 3 s.h.

Examine the philosophical, historical and legal bases for special education, including the definitions and etiologies of individuals with disabilities and exceptional learning needs. Study gifted individuals and those with exceptional needs from culturally and linguistically diverse backgrounds. Prerequisites: EDUC1300.

EDUC3590 Educational Psychology - 3 s.h.

An introduction to the theories and practices connecting psychology and education. The course addresses the social contexts of child development (0-adult), classroom culture, learning, individual differences, social-emotional learning, and their implications related to physical, emotional, and cognitive development of children and the impact on learning. Measurement strategies are introduced and provide an understanding of classroom, local, state, and national assessments. Prerequisite: EDUC1300

EDUC3710 K-6 Elementary Education Practicum - 1-2 s.h.

A required two-week internship for Elementary Education majors. Interns with endorsements in English/Language Arts, Health, Mathematics, Science, and Social Studies have full-day placements in regular elementary classroom programs. Interns with endorsements in Art, Music and Physical Education have placements in these specialty-area classrooms. Elementary majors may substitute PHED3400. Prerequisites: admittance into Teacher Education. (Graded on a Pass/Fail basis.)

EDUC4250 Professional Practice Seminar - 3 s.h.

Designed for Elementary and Secondary Education teacher candidates with a focus on preparation for professional practice. The integrated study of professional ethics, legal frameworks, and pedagogical responsibilities in and out of the classroom. Emphasis on the assessment of students' diverse needs and application of effective and culturally relevant instructional and classroom management strategies. An introduction to the Model Code of Ethics for Educators and the Iowa Code of Professional Conduct and Ethics frameworks and their role in professional decision-making. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program. Enroll during the semester that precedes student teaching.

EDUC4380 Capstone Seminar - 0.0 s.h.

The seminar is designed to promote a successful transition to student teaching and to provide a forum for peer support. Topics will center on discussions and assignments that merge education program coursework knowledge and teaching practice. The seminar is also designed to assist candidates as they apply for an initial Iowa teaching license and begin the job search. (Graded on a Pass/Fail basis.)

EDUC4400 Elementary Student Teaching (K-6) - 6-14 s.h.

Elementary Education Majors complete 14 weeks of elementary student teaching in accordance with the policies in the Teacher Education Handbook. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.) * If a candidate with more than one teaching major completes 14 semester hours of student teaching for one major (or endorsements that require student teaching), an additional six semester hours of student teaching will meet the student teaching requirement for the asterisked second teaching major.

EDUC4450 Combination K-6 and 7-12 Student Teaching - 6-14 s.h.

Candidates with majors in art, music, and physical education complete 14 weeks of student teaching in art, music, or physical education. Half (7 s.h.) of the experience is secondary level and half is elementary level. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.)

EDUC4460 Elementary and Mild/Moderate Student Teaching - 6-14 s.h.

Elementary Education Majors complete 14 weeks of student teaching. Will include a mild/moderate special education setting and a mainstream elementary classroom. This course substitutes for EDUC4400. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.) ** This is the only student teaching course required for elementary majors completing the K-12 Mild/Moderate Special Education endorsement.

ENGL1100 Composition I: Introduction to Writing - 3 s.h.

This is a writing-intensive course preparing students to become stronger, more confident writers as they develop their writing process habits and their ability to think critically about arguments around them. Students can expect to produce, deliver, and analyze college-level, written texts in addition to learning about grammar-use in context with an emphasis on meaning within the editing process. ELO1A Communication, GE1A Foundational Skills-Writing and Communication.

HIST1320 World Civilizations II - 3 s.h.

An introductory survey of selected world civilizations from the emergence of Western Europe as a center of world power. The impact of Western civilizations upon the development of other world civilizations and the contemporary emergence of a global perspective will be stressed. ELO5 Histories - World Citizenship, ELO5 Histories - Innovation

HIST2420 United States History Since 1877 - 3 s.h.

A survey of the personalities, events, and ideas that have shaped United States history since the Civil War and Reconstruction. Emphasis upon the rise of the industrial United States, 20th century adjustments to prosperity, depression and world war, and the political, social, and economic changes since World War II. ELO5 Histories - Innovation, GE3B Liberal Learning-Histories.

HONR1010 Honors 101 - 3 s.h.

Interdisciplinary first-year seminar provides a common intellectual experience for new Honors students and introduces them to the culture and opportunities of a small liberal arts institution. Designed to help exceptional students produce, deliver, and, analyze written and oral texts and learn how written and oral

performances function together in specific discourse communities. Substitutes for ENGL1100. Admission by selection only. ELO1A Communication, GE1B Foundational Skills-Writing and Communication.

HONR2010 Honors 201 - 3 s.h.

The second of two sequenced interdisciplinary Honors seminars focused on developing the skills of written and oral communication, critical inquiry, and research. Students produce, deliver, and analyze college-level written and oral texts based on sustained academic research, and continue to develop their understanding of critical discourse analysis and critical language awareness in the context of a range of discursive forms (written, oral, visual and/or multimedia). Reinforces the common intellectual experience of the Honors program and further exposes students to the culture and opportunities of a small liberal arts institution. Admission by selection only. Substitutes for COMM1100. Prerequisite: HONR1010. ELO1B Communication, GE1A Foundational Skills-Writing and Communication.

MATH1310 Mathematical Concepts - 3 s.h.

A systematic development of whole number systems, geometry, set theory, counting, measurement, and algebra.. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1360 Statistics for Critical Thinking - 3 s.h.

A critical thinking approach to data analysis, measures of central tendency, dispersion, correlation, probability, estimation and hypothesis testing. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

POLS1300 United States Government - 3 s.h.

The nature, philosophy, and history of the United States federal system with major consideration given to the national government, its organization, and the interrelation and functions of its component parts. A consideration of the political processes and legal concepts implicit in the American government. ELO5 Social Science - Innovation.

PSYC2250 Developmental Psychology - 3 s.h.

The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

SCIE1200 Integrated Science with Lab - 4 s.h.

A broad overview of concepts from earth and space science (e.g., physical and historical geology, structure and processes of the hydrosphere, and astronomy), life sciences (e.g., structure and function of cells, levels of organization, genetics, evolution, classification and characteristics of the major groups of organisms, structures and functions of plant organs and systems, anatomy and physiology of animals (including human body systems), and ecology), and physical sciences (e.g., structure and properties of matter, relationships between energy and matter, chemical reactions, mechanics, electricity, magnetism, waves, and optics). Not intended for science majors. Additional fee required. Fulfills liberal learning science course. GE3D Liberal Learning-Natural Sciences

Elementary Education Concentrations

Concentrations

Art (K-8)

ARTS1210 Making and Meaning – 3 s.h.

ARTS1220 Surface, Space, and Time – 3 s.h.

ARTS1230 Drawing – 3 s.h.

ARTS2330 Art History: Innovation and Politics – 3 s.h.

ARTS3110 Art History: Activism, Empathy and Justice – 3 s.h.

Approved Art electives (not to include ARTS4350) – 9 s.h.

- ARTS2240 Art for Social Change – 3 s.h.
- ARTS2250 Painting – 3 s.h.
- ARTS3200 Printmaking – 3 s.h.
- ARTS3220 Photography – 3 s.h.
- ARTS3240 Eco Art and Ceramics – 3 s.h.
- ARTS3280 Sculpture and New Genres – 3 s.h.
- ARTS3840 Interdisciplinary Studio – 3 s.h.
- ARTS3900 Topics in Art – 1-3 s.h.

ARTS3300 Art for Elementary School – 3 s.h.

EDUC3710 K-6 Elementary Education Practicum (in Art) – 2 s.h.

English/Language Arts (K-8)

EDUC2160 Early Literacy, Language Acquisition, and Collaboration – 3 s.h.

EDUC2300 Children's and Adolescent Literature in Elementary Education – 3 s.h.

EDUC3300 Foundations of Literacy Instruction – 3 s.h.

EDUC3481 Language Arts, Reading, and Writing Methods – 3 s.h.

ENGL1100 Composition I: Introduction to Writing Skills **or**
HONR1010 Honors 101 – 3 s.h.

COMM1100 Foundations of Public Speaking **or**
HONR2010 Honors 201 – 3 s.h.

ENGL2110 Composition II: Research Writing and Argumentation – 3 s.h.

ENGL2380 Our Bondage and Our Freedom: Literatures of the Americas, 1491-Pres – 3 s.h.

THTR1230 Theatre and Society – 3 s.h.

*Health (K-8)

EDUC3710 K-6 Elementary Education Practicum (in Health) – 1 s.h.

HLTH1100 CPR and First Aid – 1 s.h.

HLTH2400 Children's Health and Development – 3 s.h.

HLTH2560 Nutrition – 3 s.h.

HLTH3100 Drugs Education and Behavior – 3 s.h.

HLTH3220 Personal and Community Health – 3 s.h.

PHED0490 Relaxation and Stress Management – 1 s.h.

PHED3333 Methods and Assessment of Teaching K-12 PE/Health **or** EDUC2500 Teaching PK/Elementary Physical Education, Health/Wellness, Visual and Performance Arts – 3 s.h.

PSYC2250 Developmental Psychology – 3 s.h.

PSYC/SOCI2320 Marriage and the Family – 3 s.h.

UNIV1200 Health and Wholeness – 3 s.h.

1 s.h. of HLTH or PHED electives

Mathematics (K-8)

Approved Computer Programming Elective – 3 s.h.

EDUC3530 Math Methods for Elementary Educators – 3 s.h.

MATH1280 College Algebra – 3 s.h.

MATH1310 Mathematical Concepts – 3 s.h.

MATH1360 Statistics for Critical Thinking – 3 s.h.

Approved Mathematics Electives (MATH prefix) – 12 s.h.

**K-8 Mild and Moderate Special Education:

EDUC2160 Early Literacy, Language Acquisition, and Collaboration – 3 s.h.

EDUC3200 Introduction to Mild/Moderate Disabilities K-12 – 3 s.h.

EDUC3220 K-8 Methods and Strategies for Mild/Moderate Learners – 3 s.h.

EDUC3350 Behavior Management for Mild/Moderate Disabilities – 3 s.h.

EDUC3390 Analysis and Correction of Reading Disabilities – 3 s.h.

EDUC3450 K-6 Mild/Moderate Special Education Practicum – 2 s.h.

EDUC3580 Education of Exceptional Children and Adults – 3 s.h.

EDUC3630 Assessment, Diagnosis, and Evaluation Strategies – 3 s.h.

EDUC4250 Professional Practice Seminar – 3 s.h.

EDUC4460 Elementary and Mild/Moderate Student Teaching – 14 s.h.

**Licensed teachers may meet student teaching requirement with EDUC3450 K-6 Mild/Moderate Special Education Practicum – 1-2 s.h.

***5-12 Mild and Moderate Special Education

EDUC3200 Introduction to Mild/Moderate Disabilities K-12 – 3 s.h.

EDUC3230 5-12 Methods and Strategies for Mild/Moderate Learners – 3 s.h.

EDUC3261 Transition Programming and Collaboration – 3 s.h.

EDUC3350 Behavior Management for Mild/Moderate Disabilities – 3 s.h.

EDUC3390 Analysis and Correction of Reading Disabilities **or**
EDUC3520 General Secondary Methods and Content Reading – 3 s.h.

EDUC3550 7-12 Mild/Moderate Special Education Practicum – 2 s.h.

EDUC3580 Education of Exceptional Children & Adults – 3 s.h.

EDUC3630 Assessment, Diagnosis, and Evaluation Strategies – 3 s.h.

EDUC4250 Professional Practice Seminar – 3 s.h.

EDUC4470 Secondary and Mild/Moderate Student Teaching **or**
EDUC4480 Elementary and Secondary Mild/Moderate Student Teaching – 14 s.h.

***Licensed teachers may meet student teaching requirement with EDUC3550 7-12 Mild/Moderate Special Education Practicum – 1-2 s.h.

Music (K-8)

MUSC1150 Music Theory I – 3 s.h.

MUSC1160 Music Theory II – 3 s.h.

MUSC1230 Aural Skills I – 1 s.h.

MUSC2200 Music History I – 3 s.h.

MUSC2400 Music History II – 3 s.h.

MUSC3390 Music in the Elementary School – 3 s.h.

MUSC3400 Vocal Methods and Pedagogy – 2 s.h.

MUSC3320 Percussion Methods and Pedagogy – 2 s.h.

6 s.h. in applied and ensemble music (2 s.h. minimum in each area required)

Must pass a piano proficiency

Physical Education (K-8)

BIOL2300 Anatomy and Physiology I with Lab – 3 s.h.

EDUC3710 K-6 Elementary Education Practicum (in P.E.) – 1 s.h.

HLTH1100 CPR and First Aid – 1 s.h.

HLTH2400 Children's Health and Development – 3 s.h.

HLTH3220 Personal and Community Health – 3 s.h.

PHED1500 Introduction to Kinesiology – 3 s.h.

PHED2390 Teaching Team and Individual Sports – 3 s.h.

PHED3220 Motor Learning – 3 s.h.

PHED3333 Methods and Assessment of Teaching K-12 PE/Health **or** EDUC2500 Teaching PK/Elementary Physical Education, Health/Wellness, Visual and Performance Arts – 3 s.h.

PHED3430 Adaptive Physical Education – 3 s.h.

UNIV1200 Health and Wholeness – 3 s.h.

Reading (K-8)

EDUC2160 Early Literacy, Language Acquisition, and Collaboration – 3 s.h.

EDUC2300 Children's and Adolescent Literature in Elementary Education – 3 s.h.

EDUC3300 Foundations of Literacy Instruction – 3 s.h.

EDUC3330 K-6 Reading Practicum – 2 s.h.

EDUC3390 Analysis and Correction of Reading Disabilities – 3 s.h.

EDUC3475 Social Studies Methods and Content Reading Strategies – 3 s.h.

EDUC3481 Language Arts, Reading, and Writing Methods – 3 s.h.

EDUC3630 Assessment, Diagnosis and Evaluation Strategies – 3 s.h.

EDUC3540 Methods Lab – 1 s.h.

Science-Basic (K-8)

BIOL/CHEM1200 Environmental Science with Lab – 4 s.h.

PHYS1410 Elements of Physics I with Lab – 4 s.h.

PHYS1420 Elements of Physics II with Lab – 4 s.h.

EDUC3511 Science Methods for Elementary Educators – 3 s.h.

SCIE1200 Integrated Science with Lab – 4 s.h.

Six hours of chemistry from the following:

CHEM1330 Introduction to General, Organic, and Biochemistry with Lab – 4 s.h.

CHEM1340 Forensic Chemistry with Lab – 4 s.h.

CHEM1410 General Chemistry I Workshop with Lab – 4 s.h.

CHEM1420 General Chemistry II Workshop with Lab – 4 s.h.

CHEM1450 Introduction to Organic and Biochemistry – 1 s.h.

Six hours of biology from the following:

BIOL1500 Biology I with Lab – 4 s.h.

BIOL1200 Biology II with Lab – 4 s.h.

BIOL2100 Cell Biology and Genetics with Lab – 4 s.h. (CHEM1410 and CHEM1450 or CHEM1330 are prerequisites)

BIOL2300 Anatomy and Physiology I with Lab – 3 s.h.

BIOL3430 Animal Biology with Lab – 4 s.h.

BIOL3450 Plant Biology with Lab – 4 s.h.

Social Science-History (K-8)

EDUC3475 Social Studies Methods and Content Reading Strategies – 3 s.h.

HIST1310 World Civilizations I – 3 s.h.

HIST1320 World Civilizations II – 3 s.h.

HIST2400 Historical Inquiry – 3 s.h.

HIST2410 United States History to 1877 – 3 s.h.

HIST2420 United States History Since 1877 – 3 s.h.

United States History Electives – 3 s.h.

World History Electives – 3 s.h.

History Electives – 3 s.h.

Social Science-Social Studies (K-8)

ECON1300 Principles of Macroeconomics – 3 s.h.

EDUC3475 Social Studies Methods and Content Reading Strategies – 3 s.h.

HIST1310 World Civilizations I – 3 s.h.

HIST1320 World Civilizations II – 3 s.h.

HIST2410 United States History to 1877 – 3 s.h.

HIST2420 United States History Since 1877 – 3 s.h.

History Elective – 3 s.h.

POLS1300 United States Government – 3 s.h.

PSYC2250 Developmental Psychology – 3 s.h.

SOCI1300 Introduction to Sociology – 3 s.h.

Courses Offered

ARTS1210 Making and Meaning

ARTS1220 Surface, Space, and Time

ARTS1230 Drawing

ARTS2240 Art for Social Change

ARTS2250 Painting

ARTS2330 Art History: Innovation and Politics

ARTS3110 Art History: Activism, Empathy and Justice

ARTS3200 Printmaking

ARTS3240 Eco Art & Ceramics

ARTS3280 Sculpture and New Genres

ARTS3300 Art for the Elementary Schools

ARTS3840 Interdisciplinary Studio

ARTS3900 Topics in Art

ATHT3100 Prevention and Care of Athletic Injuries

BIOL1200 Environmental Science with Lab (also CHEM1200)

BIOL1500 Biology I with Lab

BIOL2100 Cell Biology and Genetics with Lab

BIOL2300 Anatomy and Physiology I with Lab (3-2)

BIOL2310 Anatomy and Physiology II (2-2)

BIOL2350 Introduction to Microbiology

BIOL2360 Microbiology with Lab

BIOL3420 Human Anatomy with Lab

BIOL3430 Animal Biology with Lab

BIOL3440 Human Physiology with Lab

BIOL3450 Plant Biology with Lab

CHEM1200 Environmental Science with Lab (also BIOL1200)

CHEM1330 Introduction to General, Organic, and Biochemistry with Lab

CHEM1340 Forensic Chemistry with Lab

CHEM1410 General Chemistry I Workshop with Lab

CHEM1420 General Chemistry II Workshop with Lab

CHEM1450 Introduction to Organic and Biochemistry (1-0)

COMM1100 Foundations of Public Speaking

ECON1300 Principles of Macroeconomics

EDUC2160 Early Literacy, Language Acquisition, and Collaboration

EDUC2300 Children's and Adolescent Literature in Elementary Education

EDUC2500 Teaching PK/Elementary Physical Education, Health/Wellness, Visual and Performance Arts

EDUC3200 Introduction to Mild/Moderate Disabilities K-12

EDUC3220 K–8 Methods and Strategies for Mild/Moderate Special Education

EDUC3230 5-12 Methods and Strategies for Mild/Moderate Special Education

EDUC3261 Transition Programming and Collaboration

EDUC3290 Early Childhood Practicum

EDUC3300 Foundations of Literacy Instruction

EDUC3310 Early Childhood Education (Pre-primary/Kindergarten)

EDUC3330 K-6 Reading Practicum

EDUC3350 Behavior Management for Mild/Moderate Disabilities

EDUC3390 Analysis and Correction of Reading Disabilities

EDUC3450 K–6 Mild/Moderate Special Education Practicum

EDUC3470 Collaborative Consultation

EDUC3475 Social Studies Methods and Content Reading Strategies

EDUC3481 Language Arts, Reading, and Writing

EDUC3511 Science Methods for Elementary Educators

EDUC3520 General Secondary Methods and Content Reading

EDUC3530 Math Methods for Elementary Educators

EDUC3540 Elementary Education Methods Lab

EDUC3550 7–12 Mild/Moderate Special Education Practicum

EDUC3580 Education of Exceptional Child and Adult

EDUC3620 Administration of Early Childhood Programs

EDUC3630 Assessment, Diagnosis, and Evaluation

EDUC3710 K-6 Elementary Education Practicum

EDUC4250 Professional Practice Seminar

EDUC4440 Early Childhood Student Teaching

EDUC4460 Elementary and Mild/Moderate Student Teaching

EDUC4470 Secondary and Mild/Moderate Student Teaching

EDUC4480 Elementary and Secondary Mild/Moderate Student Teaching

ENGL1100 Composition I: Introduction to Writing

ENGL2380 Our Bondage and Our Freedom: Literature of the Americas, 1491-Present

HIST1310 World Civilizations I

HIST1320 World Civilizations II

HIST2400 Historical Inquiry

HIST2410 United States History to 1877

HIST2420 United States History Since 1877

HLTH1100 CPR and First Aid

HLTH2400 Children's Health and Development

HLTH2560 Nutrition

HLTH3100 Drugs Education and Behavior

HLTH3120 Human Sexuality

HLTH3220 Personal and Community Health

HLTH3900 Advanced Topics in Health and Human Performance

HONR1010 Honors 101

HONR2010 Honors 201

MATH1280 College Algebra

MATH1310 Mathematical Concepts

MATH1360 Statistics for Critical Thinking

MUSC1150 Music Theory I

MUSC1160 Music Theory II

MUSC1230 Aural Skills I

MUSC2200 Music History I: Antiquity to Baroque

MUSC2400 Music History II: Classical to Present Day

MUSC3320 Percussion Methods and Pedagogy

MUSC3390 Music in the Elementary School

MUSC3400 Vocal Methods and Pedagogy

PHED0490 Relaxation and Stress Management

PHED1100 New Games

PHED1500 Introduction to Kinesiology

PHED2380 Creative Rhythm and Movement

PHED2390 Teaching Team and Individual Sports

PHED3220 Motor Learning

PHED3280 The Foundations of Physical Education

PHED3333 Methods and Assessment of Teaching K-12 Health and Physical Education

PHED3340 Biomechanics

PHED3430 Adaptive Physical Education

PHYS1410 Elements of Physics I with Lab

PHYS1420 Elements of Physics II with Lab

POLS1300 United States Government

PSYC2250 Developmental Psychology

PSYC2320 Marriage and the Family (also SOCI2320)

SCIE1200 Integrated Science with Lab

SCIE3030 The Nature of Science

SOCI1300 Introduction to Sociology

SOCI2320 Marriage and the Family (also PSYC2320)

THTR1230 Theatre and Society

UNIV1200 Health and Wholeness

Course Descriptions

ARTS1210 Making and Meaning - 3 s.h.

Students will explore a variety of techniques and concepts that focus on the generation, development, and communication of new ideas through exploration of the principles and elements of design in relation two-dimensional design and color theory. This course explores the relationship of material, method, and process in the construction of meaning in art. Students experiment with interdisciplinary research methods to generate projects reflecting current topics of interest. Studio fee required. ELO5 Arts - Innovation

ARTS1220 Surface, Space, and Time - 3 s.h.

Introduction to surface, space, and time as an artistic medium. Lectures, readings, demonstrations, and hands-on projects help students identify and understand surface, space, and time-based principles in art and design. Emphasis will be places on three-dimensional and four-dimensional narrative and visual storytelling practices. Studio Fee required. ELO5 Arts - Innovation

ARTS1230 Drawing - 3 s.h.

This introductory course considers drawing as a form of communication and a sustaining practice. Various drawing materials, observation, memory training, and composition are stressed to give the student a wide experience and solid base in the art, skill, and history of drawing. Contemporary and non-traditional drawing methods will be explored. Studio fee required. ELO5 Arts - Sustainability

ARTS2240 Art for Social Change - 3 s.h.

This course aims to create social and political change through collaboration with individuals, communities, and institutions through the creation of participatory art. This discipline often values process over final product and become lifelong pursuits. Some examples include artistic activism, community-based art, creative placemaking, cultural organizing, performance, participatory art, social engagement, and social sculpture. No prior art experience necessary. ELO5 Arts - World Citizenship, ELO5 Arts - Equality and Peace

ARTS2250 Painting - 3 s.h.

This course serves as an introduction to the materials, philosophies, techniques, and processes of painting. Students will work with acrylic paint and mediums and approach the creative experience of painting through the study of subject matter, form, and content. Color theory, sketching, and different painting techniques and styles will be emphasized. An emphasis on interdisciplinary and contemporary approaches will be stressed. Studio Fee required.

ARTS2330 Art History: Innovation and Politics - 3 s.h.

Theme-based art history course exploring topics such as innovation, power, politics, architecture, entertainment, sacred spaces, sustainability, and eco art throughout art history to the present. ELO5 Arts - Innovation, GE3A Liberal Learning-Arts.

ARTS3110 Art History: Activism, Empathy and Justice - 3 s.h.

Theme-based art history course that explores topics such as activism, empathy, justice, disability, mental illness, feminism, sexuality, queer art, social and civic engagement, labor, and race throughout art history to the present. ELO5 Arts - Equality, ELO5 Arts - Equality and Peace, GE3A Liberal Learning-Arts.

ARTS3200 Printmaking - 3 s.h.

This introductory printmaking making course introduces students to non-toxic printmaking techniques including relief printing, monotype, silkscreen, and other contemporary processes. The course explores how these traditional methods have been used as a means for informing, gathering, protesting, and celebration. Studio Fee required. ELO5 Arts - Innovation

ARTS3240 Eco Art & Ceramics - 3 s.h.

Contemporary and traditional approaches to clay with emphasis on wheel-throwing and hand-building techniques. Exploration of sustainable production practices will also address surface decoration and responsible firing processes. Studio fee required. ELO5 Arts - Sustainability

ARTS3280 Sculpture and New Genres - 3 s.h.

In this course students explore basic methods of creating physical objects. Develops the integration of sculptural concept and practice, and the critical analysis of completed sculpture through a series of projects that investigate sculptural processes and issues. Lectures on directions in sculpture, technical

demonstrations, and group critiques are scheduled. Studio fee required.

ARTS3300 Art for the Elementary Schools - 3 s.h.

Development of knowledge and skills to plan, organize, and facilitate meaningful art curricula for elementary art students, with attention to lesson preparation, child artistic development, material discovery and integration with other subjects. Additional fee required. Prerequisite: admittance into Teacher Education, unless part of an approved Liberal Studies Program, junior standing. +This course is only offered every other year.

ARTS3840 Interdisciplinary Studio - 3 s.h.

Focuses on generating interdisciplinary theories, practices and works within a studio-based format. The course allows for collaborative learning opportunities for students working in different disciplines to approach themes and develop personal bodies of work. May be repeated for credit. Prerequisite: Any lower-level studio art course.

ARTS3900 Topics in Art - 1-3 s.h.

Study of topics in studio art or commercial design. May be repeated for credit as topics vary. Content and semester hours will vary. Additional studio fee may be required. Prerequisites may apply.

ATHT3100 Prevention and Care of Athletic Injuries - 3 s.h.

Techniques of injury prevention and caring for athletic injuries. A grade of C or higher required to count toward the Allied Health major. Prerequisites: PHED1500 or BIOL2300 or BIOL3420

BIOL1200 Environmental Science with Lab (also CHEM1200) - 4 s.h.

An exploration of the biotic and abiotic components of the environment, including the biological, physical, and chemical processes that shape natural ecosystems (e.g., biogeochemical cycles). The course will also examine the impact of human population growth, resource use, emissions production, and technological innovations on the environment. Current environmental issues, such as loss of biodiversity, ecosystem degradation, air and water pollution, and climate change, will be considered. Additional fee required. ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences

BIOL1500 Biology I with Lab - 4 s.h.

A study of the diversity of life (prokaryotes, protists, fungi, plants, and animals), focusing on the key characteristics of life, the evolutionary processes that shape life, and the ecological interactions among organisms and their physical environments. Includes a lab. Additional fee required.

BIOL2100 Cell Biology and Genetics with Lab - 4 s.h.

A study of the various patterns and mechanisms of heredity, changes in the genetic material and the consequences of these genetic changes. The course will also give an introduction to cellular structures, macromolecules, and processes, including DNA replication, transcription, translation and cellular signaling. Additional fee required. Prerequisite: CHEM1330, CHEM3410, or (CHEM1410 and CHEM1450). (C or better strongly recommended).

BIOL2300 Anatomy and Physiology I with Lab (3-2) - 4 s.h.

The study of structure and function of the human body. Topics will include: cells and homeostasis, muscles, bones, respiratory, nervous and cardiovascular. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) GE3D Liberal Learning-Natural Sciences

BIOL2310 Anatomy and Physiology II (2-2) - 3 s.h.

The study of structure and function of the human body. Topics will include: endocrine, digestive, excretory, reproductive, skin, lymphatic system, and blood. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.)

BIOL2350 Introduction to Microbiology - 4 s.h.

Students will learn about immunology, bacteriology, mycology, and virology. Emphasis will be placed on the cellular mechanisms and role of microbial pathogens (bacteria) and agents (viruses, prions) affecting human health and how they are treated. Credit is not allowed for this course and BIOL2360. Prerequisites: CHEM1330 or BIOL2100 or instructors consent or enrollment in the RN to BSN program.

BIOL2360 Microbiology with Lab - 4 s.h.

Students will learn about immunology, bacteriology, mycology, and virology. Emphasis will be placed on the cellular mechanism and role of microbial pathogens (bacteria) and agents (viruses, prions) affecting human health and how they are treated. Additional fee required. Prerequisite: BIOL2100 or instructor's consent.

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3430 Animal Biology with Lab - 4 s.h.

A survey of the major groups in the animal kingdom, including sponges, cnidarians, molluscs, arthropods, echinoderms, vertebrates, etc. Within each group, taxonomy, internal and external form, reproduction, nutrition, and habitat will be considered. Prerequisite: BIOL1500 or BIOL1520 or instructor's consent. +This course is only offered every other year.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

BIOL3450 Plant Biology with Lab - 4 s.h.

A survey of the major groups in the plant kingdom, including nonvascular plants, ferns and fern allies, gymnosperms, and angiosperms. Within each group, taxonomy, internal and external form, and reproductive life cycles will be considered. In addition, plant growth and metabolism, algae, and fungi will be covered. Prerequisite: BIOL1500 or BIOL1520 or instructor's consent. +This course is only offered every other year.

CHEM1200 Environmental Science with Lab (also BIOL1200) - 4 s.h.

An exploration of the biotic and abiotic components of the environment, including the biological, physical, and chemical processes that shape natural ecosystems (e.g., biogeochemical cycles). The course will also examine the impact of human population growth, resource use, emissions production, and technological innovations on the environment. Current environmental issues, such as loss of biodiversity, ecosystem degradation, air and water pollution, and climate change, will be considered. Additional fee required. ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences.

CHEM1330 Introduction to General, Organic, and Biochemistry with Lab - 4 s.h.

An introduction to the principles of inorganic, organic and biochemistry, including a study of atoms, chemical bonding, types of chemical reactions (focusing on ones in the cell), solution chemistry, introduction of biological molecules (proteins, lipids, carbohydrates, and nucleic acids). This course is intended for students desiring a general education in chemistry, those majoring in nursing or allied health fields and those that need it to fulfill the chemistry requirement for cell biology and genetics course. Prerequisite: MATH1280 or one year of high school algebra (C or better strongly recommended). Additional fees required. GE3D Liberal Learning-Natural Sciences

CHEM1340 Forensic Chemistry with Lab - 4 s.h.

This course will expose students to the field of forensic science primarily using chemical forensics and testing. Topics include evidence collection and preservation, drugs and drug chemistry, heat and explosions, poisons and others. The course will cover basic chemical concepts needed to plan, execute, and interpret forensic results. All necessary scientific concepts will be developed in the context of forensic science. Additional fee required. ELO6 Science - World Citizenship, ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences

CHEM1410 General Chemistry I Workshop with Lab - 4 s.h.

General Chemistry I Workshop is appropriate for any student interested in developing a strong background in chemistry. It is intended to be the first university chemistry course for science majors. As such, it will be fairly rigorous and will draw upon previous experience in mathematics and science. Major areas to be covered include atomic and molecular structures, chemical bonding, stoichiometric relationships, and chemical reactions. Laboratory activities and experiments are closely related to concepts introduced in class discussions and will allow students to develop their laboratory skills. Good safety practices and experimental record keeping will be stressed. Students are expected to actively participate in class activities and discussions in addition to homework assignments, individual/group study and preparation for exams. Course is intended for biology, chemistry, and some allied health majors. Additional fee required. Fulfills liberal learning science course. Prerequisites: Two years high school algebra and one year geometry (plane trigonometry recommended) or 1 year of high school calculus or one higher-level college math course (college algebra (MATH1280) or college calculus (MATH1510)), and one year of high school chemistry or any college level chemistry course. EL06 Science, GE3D Liberal Learning-Natural Sciences.

CHEM1420 General Chemistry II Workshop with Lab - 4 s.h.

General Chemistry II Workshop is appropriate for any student interested in developing a strong background in chemistry. It is the continuation of CHEM1430. Students will gain a deeper understanding of basic chemical principles and will emphasize problem solving. It is fairly rigorous and will draw upon previous chemistry experience as well as mathematics and other science fields. Major areas to be covered include physical properties of solids, liquids, and solutions, intermolecular forces, energy changes in chemical reactions, thermodynamics, gas-phase equilibrium, and aqueous acid/base equilibrium. Laboratory activities and experiments are closely related to concepts introduced in class discussions and will allow students to develop their laboratory skills. Good safety practices and experimental record keeping will be stressed. Students are expected to actively participate in class activities and discussions in addition to homework assignments, individual/group study and preparation for exams. Prerequisite: CHEM1410.

CHEM1450 Introduction to Organic and Biochemistry (1-0) - 1 s.h.

An introduction to the principles of organic and biochemistry, including a study of chemical reactions (condensation and hydrolysis reactions), solution chemistry (hypotonic/hypertonic, isotonic solution), functional groups, organic molecule representation, introduction of biological molecules (proteins, lipids,

carbohydrates and nucleic acids). This course is intended for students who need to help fulfill the chemistry requirement for fundamentals of cell biology and genetics course (BIOL2100). Pre or Corequisite: CHEM1410.

COMM1100 Foundations of Public Speaking - 3 s.h.

Foundations of Public Speaking focuses on practices in the speech processes of writing, delivery, listening, audience analysis, criticism, and performance of introductory, informative, persuasive, and mediated speeches. The course introduces foundations of academic research and provides students with the skillset to expand their critical thinking and speaking to meet the dynamic demands of public communication. The emphasis of the course is on learning through performance and application of communication principles and tools. ELO1B Communications, GE1B Foundational Skills-Writing and Communication.

ECON1300 Principles of Macroeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, national income, international trade and finance, fiscal policy, monetary policy, money, and banking. Prerequisite: 1 year high school algebra; geometry recommended. ELO5 Social Science - World Citizenship, ELO5 Social Science - Innovation

EDUC2160 Early Literacy, Language Acquisition, and Collaboration - 3 s.h.

Study of the psychological, socio-cultural, and linguistic foundations of reading and writing processes and instruction. Apply knowledge of language development, reading acquisition (birth through third grade), and the variations related to culture and linguistic diversity to provide effective instruction in reading and writing. Acquire knowledge of the unique needs and backgrounds of students with language differences and delays and uses effective strategies for facilitating the learning of standard English by all learners. A study of methods and strategies for working with parents, support services personnel, regular classroom teachers, paraprofessionals, and other individuals involved in an education setting.

EDUC2300 Children's and Adolescent Literature in Elementary Education - 3 s.h.

A survey of literature for children. Prepare to use knowledge of children's literature for modeling the reading and writing of varied genres, fiction and nonfiction, technology- and media-based information, and non-print materials; for motivating through the use of texts at multiple levels, representing broad interests, and reflecting varied cultures, linguistic backgrounds, and perspectives; and for matching text complexities to the proficiencies and needs of readers. Includes a brief survey of literature for the adolescent. Does not apply toward literature for general education.

EDUC2500 Teaching PK/Elementary Physical Education, Health/Wellness, Visual and Performance Arts - 1-3 s.h.

Development of skills and abilities related to learning physical education, health/wellness, visual and performance arts methods for teaching in the preschool and elementary classroom.

EDUC3200 Introduction to Mild/Moderate Disabilities K-12 - 3 s.h.

Understand the general developmental, academic, social, career, and functional characteristics of individuals with mild and moderate disabilities. Examine educational alternatives and related services, including the role of the multidisciplinary team in studying etiologies of disabilities and providing appropriate educational programming. Prerequisites: EDUC1300. Co- or prerequisites: EDUC3580.

EDUC3220 K–8 Methods and Strategies for Mild/Moderate Special Education - 3 s.h.

Learn to facilitate instructional methodologies for elementary-level learners with exceptional needs, including learning, behavioral, emotional, mental, and language disabilities in a mild/moderate setting. Prepare to plan individual educational programs and to implement curricula for the development of

cognitive, academic, language, and functional life skills. Address remedial methods and techniques, including alternative methods for teaching skills and strategies, as well as appropriate assistive technology. One semester hour of this course is a supervised field experience. Prerequisites: EDUC3200, EDUC3580.

EDUC3230 5-12 Methods and Strategies for Mild/Moderate Special Education - 3 s.h.

Learn to facilitate instructional methodologies for secondary-level learners with exceptional needs, including learning, behavior, emotional, mental, and language disabilities in a mild/moderate setting. Prepare to plan individual educational programs and to implement curricula for the development of cognitive, academic, language, and functional life skills. Address remedial methods and techniques, including alternative methods for teaching skills and strategies, as well as appropriate assistive technology. One semester hour of this course is a supervised field experience. Prerequisites: EDUC3200, EDUC3580.

EDUC3261 Transition Programming and Collaboration - 3 s.h.

An introduction to organizing and implementing career-vocational programs for secondary students with mild disabilities. A study of methods and strategies for working with parents, support services personnel, regular classroom teachers, paraprofessionals, and other individuals involved in an education setting. Prerequisites: EDUC3580

EDUC3290 Early Childhood Practicum - 1-2.5 s.h.

A pre-student teaching practicum of at least 100 clock hours. Work with three age levels: (1) infant and toddler, (2) preprimary, and (3) primary students in two different settings such as rural and urban, and encompassing differing socioeconomic status, ability levels, cultural and linguistic diversity and program types and sponsorship. Prerequisites: EDUC3200, EDUC3310. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3300 Foundations of Literacy Instruction - 3 s.h.

Study a range of research pertaining to reading, writing, and learning, including scientifically-based reading research, and knowledge of histories of reading. Examine major components of reading. Use a variety of assessment strategies to identify reading proficiencies and evaluating needs for planning and instruction and communicating results of assessments. Match text complexities to the proficiencies and needs of readers. Use knowledge of a range of research-based strategies and instructional technology for designing and delivering effective instruction across the curriculum, for grouping students, and for selecting materials appropriate for learners at various stages of reading and writing development and from varied cultural and linguistic backgrounds. Prerequisite EDUC1300.

EDUC3310 Early Childhood Education (Pre-primary/Kindergarten) - 3 s.h.

Focuses on the development and the implementation of integrated learning experiences for typical and atypical preprimary and kindergarten children with focus on multicultural and nonsexist content that includes, aesthetic, physical, cognitive, social and emotional development and developmentally appropriate adaptations for children at risk or have exceptional needs. Co-requisite: EDUC3620. +This course is only offered every other year.

EDUC3330 K-6 Reading Practicum - 1-3 s.h.

A three-week practicum in elementary school literacy programs for struggling students. Work with a licensed professional who observes, evaluates, and provides feedback on knowledge, dispositions, and performance of the teaching of reading and writing. Effectively use reading and writing strategies, materials, and assessments based upon appropriate reading and writing research and work with colleagues and families in the support of reading and writing development. Pre or Corequisite: EDUC3390. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3350 Behavior Management for Mild/Moderate Disabilities - 3 s.h.

Preparation in behavior management theories, methods, and techniques for K-12 students with mild/moderate learning, behavior, emotional, mental, and language disabilities. Address use of diagnostic instruments and non-aversive techniques for controlling targeted behaviors and attention deficits. Prepare to design, implement, and evaluate instructional programs that enhance an individual's social participation in family, school, and community activities.

EDUC3390 Analysis and Correction of Reading Disabilities - 3 s.h.

Use knowledge of assessment instruments, procedures, and practices for the identification of students' reading proficiencies and needs, for planning and revising instruction for all students as well as those with reading difficulties. Examine policies and procedures related to special programs, including Title I. Use knowledge of a range of research-based strategies and instructional technology for designing and delivering effective instruction and for selecting materials appropriate for learners at various stages of reading and writing development and from varied cultural and linguistic backgrounds. Prerequisites: EDUC3300.

EDUC3450 K–6 Mild/Moderate Special Education Practicum - 1-2 s.h.

A two-week practicum in Mild/Moderate Special Education Programs in elementary schools. Prerequisites: EDUC3200, EDUC3220. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3470 Collaborative Consultation - 3 s.h.

A study of methods and strategies for working with parents, support services personnel, regular classroom teachers, paraprofessionals, and other individuals involved in an education setting.

EDUC3475 Social Studies Methods and Content Reading Strategies - 3 s.h.

Best-practice, research-based instructional methods for teaching social studies in an elementary classroom including citizenship, history, geography, civic literacy, and economics. Strategies for integrating content reading strategies, technology and classroom management with social studies are incorporated. Prerequisite: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program.

EDUC3481 Language Arts, Reading, and Writing - 3 s.h.

Curriculum and strategies for instructing language arts, reading, and writing in the elementary school. Use knowledge and assessment of reading-writing-speaking connections, listening and viewing, the writing process, the stages of spelling development, writing genres and the connections between oral and written language development to effectively teach writing as communication and integrating within the content areas. Technology and classroom management as it applies to literacy methods is included. Prerequisite: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program and EDUC3300.

EDUC3511 Science Methods for Elementary Educators - 3 s.h.

An introduction to best-practice, research-based methods of inquiry-based teaching and learning of science. Curriculum and strategies introduced for instructing in the areas of physical, earth/space, and life science. Integration of content reading strategies, technology and classroom management as it applies to science methods included. Prerequisite: EDUC1300, admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program.

EDUC3520 General Secondary Methods and Content Reading - 3 s.h.

Study of theory and research related to content area reading in the secondary school. Apply techniques for evaluating textbooks, assessing achievement, improving comprehension and critical thinking, enhancing study skills, and developing vocabulary. Prerequisite: Admittance into Teacher Education, unless part of an approved Liberal Studies Program, EDUC3590.

EDUC3530 Math Methods for Elementary Educators - 3 s.h.

An introduction to best-practice, research-based methods of teaching and learning mathematical processes to include problem solving, reasoning, communication, making connections and representations to the real life experiences for student learning. Curriculum, instruction, assessment, diagnosis and evaluation strategies introduced in the areas of numbers/operations, algebra, geometry, measurement, data analysis, and probability. Integration of content reading strategies, technology and classroom management as it applies to math methods included. Prerequisites: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program. Co-requisite: EDUC3540.

EDUC3540 Elementary Education Methods Lab - 1 s.h.

Students apply curriculum planning and instructional strategies for teaching literacy and mathematics in a pre-student teaching clinical experience. Students are placed in two different grade levels to include one primary and one intermediate placement. Prerequisite: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program. Co-requisite: EDUC3530.

EDUC3550 7–12 Mild/Moderate Special Education Practicum - 1-2 s.h.

A two-week practicum in Mild/Moderate Special Education Programs in secondary schools. Prerequisites: EDUC3200, EDUC3230. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3580 Education of Exceptional Child and Adult - 3 s.h.

Examine the philosophical, historical and legal bases for special education, including the definitions and etiologies of individuals with disabilities and exceptional learning needs. Study gifted individuals and those with exceptional needs from culturally and linguistically diverse backgrounds. Prerequisites: EDUC1300.

EDUC3620 Administration of Early Childhood Programs - 2 s.h.

Examines principles of administration, organization and operation of programs for ages 0-8 and their families, including staff and program development, supervision and evaluation of staff, and continuing improvement of programs and services. Examine legal aspects, historical, philosophical, and social foundations of early childhood education. Co-requisite: EDUC3310. +This course is only offered every other year.

EDUC3630 Assessment, Diagnosis, and Evaluation - 3 s.h.

Examine legal provisions, regulations and guidelines of assessments and use of psychometric instruments. Review and discuss classroom assessments and instructional assessment measures for students with disabilities (infant through high school age). Study a variety of instruments, procedures, and practices that range from individual, group, formal, informal, and alternative assessments. Assessments utilized for the identification of students' reading proficiencies/needs, planning and revising instruction, planning and placement decisions, and communicating results of ongoing assessment to all stakeholders. Prerequisite: EDUC1300.

EDUC3710 K-6 Elementary Education Practicum - 1-2 s.h.

A required two-week internship for Elementary Education majors. Interns with endorsements in English/Language Arts, Health, Mathematics, Science, and Social Studies have full-day placements in regular elementary classroom programs. Interns with endorsements in Art, Music and Physical Education

have placements in these specialty-area classrooms. Elementary majors may substitute PHED3400. Prerequisites: admittance into Teacher Education. (Graded on a Pass/Fail basis.)

EDUC4250 Professional Practice Seminar - 3 s.h.

Designed for Elementary and Secondary Education teacher candidates with a focus on preparation for professional practice. The integrated study of professional ethics, legal frameworks, and pedagogical responsibilities in and out of the classroom. Emphasis on the assessment of students' diverse needs and application of effective and culturally relevant instructional and classroom management strategies. An introduction to the Model Code of Ethics for Educators and the Iowa Code of Professional Conduct and Ethics frameworks and their role in professional decision-making. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program. Enroll during the semester that precedes student teaching.

EDUC4440 Early Childhood Student Teaching - 6-14 s.h.

Elementary Education Majors complete 14 weeks of student teaching. Will include a placement with preprimary children and a placement from kindergarten to grade three. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.) * If a candidate with more than one teaching major completes 14 semester hours of student teaching for one major (or endorsements that require student teaching), an additional six semester hours of student teaching will meet the student teaching requirement for the asterisked second teaching major.

EDUC4460 Elementary and Mild/Moderate Student Teaching - 6-14 s.h.

Elementary Education Majors complete 14 weeks of student teaching. Will include a mild/moderate special education setting and a mainstream elementary classroom. This course substitutes for EDUC4400. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.) ** This is the only student teaching course required for elementary majors completing the K-12 Mild/Moderate Special Education endorsement.

EDUC4470 Secondary and Mild/Moderate Student Teaching - 6-14 s.h.

Secondary Education Candidates complete 14 weeks of student teaching to include placements in a mild/moderate special education setting and a secondary subject area classroom. This course substitutes for EDUC4420. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.) ***This is the only student teaching course required for secondary majors completing the K-12 Mild/Moderate Special Education endorsement.

EDUC4480 Elementary and Secondary Mild/Moderate Student Teaching - 6-14 s.h.

Elementary Education Majors complete 14 weeks of student teaching. Will include a placement in a secondary mild/moderate special education setting and a mainstream elementary classroom. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.)

ENGL1100 Composition I: Introduction to Writing - 3 s.h.

This is a writing-intensive course preparing students to become stronger, more confident writers as they develop their writing process habits and their ability to think critically about arguments around them. Students can expect to produce, deliver, and analyze college-level, written texts in addition to learning about grammar-use in context with an emphasis on meaning within the editing process. ELO1A Communication, GE1A Foundational Skills-Writing and Communication.

ENGL2380 Our Bondage and Our Freedom: Literature of the Americas, 1491-Present - 3 s.h.

Survey of American Literature stretching from the advent of European colonization in the Western Hemisphere to the present. The course will pay special attention to the legacies of colonialism and slavery, the history of social movements for freedom and equality, the making (and unmaking) of U.S. national mythologies, the major formal transformations that have taken place in U.S. Literature, and the function of literature as an innovative and adaptive technology that expands human capacities. GE3C Liberal Learning-Humanities

HIST1310 World Civilizations I - 3 s.h.

An introductory survey of selected world civilizations from earliest times to approximately 1500 A.D., combining broad chronological coverage with intensive concentration on a small number of selected topics. Those social, political, economic and intellectual themes which have a direct bearing upon contemporary culture and society will be stressed. ELO5 Histories - World Citizenship, ELO5 Histories - Sustainability

HIST1320 World Civilizations II - 3 s.h.

An introductory survey of selected world civilizations from the emergence of Western Europe as a center of world power. The impact of Western civilizations upon the development of other world civilizations and the contemporary emergence of a global perspective will be stressed. ELO5 Histories - World Citizenship, ELO5 Histories - Innovation

HIST2400 Historical Inquiry - 3 s.h.

An exploration of the nature, uses, and methodologies of historical inquiry. Designed to help students with an interest in history to better understand the discipline. Students formulate historical questions, engage in basic research, review literature, and investigate the nature of historical interpretation. Prerequisite: 9 semester hours of history courses or instructor permission.

HIST2410 United States History to 1877 - 3 s.h.

A survey of the personalities, events, and ideas which have shaped United States history from the earliest colonial settlements to the Civil War and Reconstruction. Emphasis upon the struggle for independence, the establishment of government under the Constitution, and the succeeding political, social, and economic movements that culminated in the Civil War. ELO5 Histories - Innovation

HIST2420 United States History Since 1877 - 3 s.h.

A survey of the personalities, events, and ideas that have shaped United States history since the Civil War and Reconstruction. Emphasis upon the rise of the industrial United States, 20th century adjustments to prosperity, depression and world war, and the political, social, and economic changes since World War II. ELO5 Histories - Innovation, GE3B Liberal Learning-Histories.

HLTH1100 CPR and First Aid - 1 s.h.

The development of practical skills in the emergency treatment of the injured. Some attention will be given to the prevention of injuries. The content to be covered will include the Standard and Advanced levels of the First Aid program sponsored by the National Red Cross. Students holding current, equivalent certifications will receive an automatic waiver for the class. This is to be verified by the instructor of the class or the Health and Movement Science Division Chair. A grade of C or higher required to count toward the Allied Health major. Additional fee required.

HLTH2400 Children’s Health and Development - 3 s.h.

Course will focus on the lifelong development of the human from infancy and continuing through adulthood. It will explore the ways of development and learning within physical, cognitive, emotional, and social health, including family environment.

HLTH2560 Nutrition - 3 s.h.

A study the principles of nutrition as it relates to health, exercise, sports and disease. Students will be presented with applied content that includes research-based guidelines meant to help students differentiate between nutrition recommendations that are backed by science and the overabundance of false and misleading information. A grade of C or higher required to count toward the Allied Health major.

HLTH3100 Drugs Education and Behavior - 3 s.h.

This course will prepare the student to become an effective drug educator with emphasis on historical and current drug use and trends and its effects on society and human behavior. (Goal is for students to make positive decisions to protect their own health but also higher understanding of effects to social health/life when others use or abuse drugs.)

HLTH3120 Human Sexuality - 3 s.h.

Discussion of sexual biology, psychology, and sociocultural dimension of human sexual health and behavior. A grade of C or higher required to count toward the Allied Health major.

HLTH3220 Personal and Community Health - 3 s.h.

A foundational course designed for students to become informed about health as well as becoming responsible and active participants in the maintenance of their personal health and affecting the health of their community. The course is intended to provide coverage of health promotion, mental health, stress management, afflictions and diseases, aging, environmental health, consumerism and health care and promotion. A grade of C or higher required to count toward the Allied Health major. ELO4 Global Learning - Sustainability.

HLTH3900 Advanced Topics in Health and Human Performance - 3 s.h.

A study of selected topics in health to be announced prior to the semester when the course is offered. Probable topics to be addressed include: human diseases, environmental health, human sexuality, substance abuse, death education, aging, and etc. May be repeated for credit as topics change.

HONR1010 Honors 101 - 3 s.h.

Interdisciplinary first-year seminar provides a common intellectual experience for new Honors students and introduces them to the culture and opportunities of a small liberal arts institution. Designed to help exceptional students produce, deliver, and, analyze written and oral texts and learn how written and oral performances function together in specific discourse communities. Substitutes for ENGL1100. Admission by selection only. ELO1A Communication, GE1B Foundational Skills-Writing and Communication.

HONR2010 Honors 201 - 3 s.h.

The second of two sequenced interdisciplinary Honors seminars focused on developing the skills of written and oral communication, critical inquiry, and research. Students produce, deliver, and analyze college-level written and oral texts based on sustained academic research, and continue to develop their understanding of critical discourse analysis and critical language awareness in the context of a range of discursive forms (written, oral, visual and/or multimedia). Reinforces the common intellectual experience of the Honors program and further exposes students to the culture and opportunities of a small liberal arts institution. Admission by selection only. Substitutes for COMM1100. Prerequisite: HONR1010. ELO1B Communication, GE1A Foundational Skills-Writing and Communication.

MATH1280 College Algebra - 3 s.h.
Solutions of polynomial, rational and radical equations, systems of equations, matrices, sequences, series, functions, exponentials.. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1310 Mathematical Concepts - 3 s.h.
A systematic development of whole number systems, geometry, set theory, counting, measurement, and algebra.. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1360 Statistics for Critical Thinking - 3 s.h.
A critical thinking approach to data analysis, measures of central tendency, dispersion, correlation, probability, estimation and hypothesis testing. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MUSC1150 Music Theory I - 3 s.h.
Encompasses the study of intervals, scales, and triads combined with sight singing and dictation of the same elements, as well as rhythmic dictation.

MUSC1160 Music Theory II - 3 s.h.
Continuation of Music Theory I. Study of diatonic chords in major and minor keys, principles of voice leading and part writing, harmonic progressions, and cadences. Continued sight singing of tonal music and modal melodies, identification and dictation of intervals, melodies, rhythms, chords, and harmonic progressions. Dictation of up to two voices. Prerequisite: MUSC1150 Fundamental Musicianship I with a grade of C or higher.

MUSC1230 Aural Skills I - 1 s.h.
Aural Skills I focuses on beginning study of sight singing, rhythmic performance, dictation (melodic, harmonic, rhythmic), and related skills, all designed to develop the student's musical ear to the highest degree possible. This course is intended to be taken concurrently with Music Theory I. In the case of transfer students, an aural proficiency exam will be administered to determine placement.

MUSC2200 Music History I: Antiquity to Baroque - 3 s.h.
Detailed examination of music from the beginnings of Western Civilization through the conclusion of the Baroque period. Emphasis is placed on the listening and study of musical examples. +This course is only offered every other year.

MUSC2400 Music History II: Classical to Present Day - 3 s.h.
Study of music from the Classical period through the present day, with attention to the evolution of styles and forms during these eras. Emphasis is placed on listening to examples of the music studied. +This course is only offered every other year.

MUSC3320 Percussion Methods and Pedagogy - 2 s.h.
For music education students. Methods of teaching percussion instruments and development of a minimal playing proficiency on each. Survey of materials for both private and class instruction. +This course is only offered every other year.

MUSC3390 Music in the Elementary School - 3 s.h.
To provide the music major with the necessary knowledge, methods, and skills to build and administer an effective general music program in grades K-6. In addition to the fundamental learnings of the elementary classroom teacher, there is exploration of dominant trends in music teaching, current learning theories,

and measurement and evaluation. Survey of materials, observation, and teaching of actual music classes in the elementary schools. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program. +This course is only offered every other year.

MUSC3400 Vocal Methods and Pedagogy - 3 s.h.

Basic principles and practical methods underlying the teaching of singing and the mechanism of the vocal instrument which can be applied to both one-on-one teaching (singing lessons, vocal coaching) and group situations (choral music, class voice).

PHED0490 Relaxation and Stress Management - 1 s.h.

This course is designed to develop knowledge of and skill in basic posture enhancement and relaxation techniques, and to provide motivation for further self-improvement. A grade of C or higher required to count toward the Allied Health major.

PHED1100 New Games - 1 s.h.

Development and participation of new games for the K-12 learner, lifelong learner, and leisure.

PHED1500 Introduction to Kinesiology - 3 s.h.

This course is designed to introduce students to the musculoskeletal system and its relationship to anatomical movements in the body. Students will examine the skeletal system, muscular system, cardiovascular system, respiratory system, endocrine system, and their relationships with exercise science. A grade of C or higher required to count toward the Allied Health major.

PHED2380 Creative Rhythm and Movement - 3 s.h.

The study and understanding of movement concepts as they relate to special awareness, effort, and rhythm through movement education, dance, and educational gymnastics.

PHED2390 Teaching Team and Individual Sports - 3 s.h.

Teaching technique, analysis of skills, and principles of skill development in areas such as soccer, basketball, volleyball, softball, golf, bowling, disc golf, and racquet sports. Prerequisite: Health and Physical Education major, Elementary Education major (PE Concentration), or consent of instructor.

PHED3220 Motor Learning - 3 s.h.

Introduction to the principles involved in learning and teaching motor skills. A grade of C or higher required to count toward the Allied Health major. Prerequisites: PHED1500.

PHED3280 The Foundations of Physical Education - 3 s.h.

An introduction to the body of knowledge encompassing the discipline of physical education and the role of the professional physical educator. The course includes the historic philosophies, biologic, anatomic, psychologic, sociologic, and anthropologic foundations of physical education and their impact on human performance and values in sport.

PHED3333 Methods and Assessment of Teaching K-12 Health and Physical Education - 4 s.h.

Methods, theory, and development of teaching competence for prospective teachers of health and physical education at K-12 levels. Implementation of assessment and evaluation techniques through classroom and practical experiences.

PHED3340 Biomechanics - 3 s.h.

A systematic study of the bones, joints, and muscles of the human body as well as internal external forces initiating and modifying movement. Prerequisite: BIOL2300 or BIOL3420 with a grade of "C" or higher. A grade of C or higher required to count toward the Allied Health major.

PHED3430 Adaptive Physical Education - 3 s.h.

Theory and techniques of adaptive, corrective and developmental activities to meet the needs of "special persons."

PHYS1410 Elements of Physics I with Lab - 4 s.h.

An elementary physics course emphasizing the fundamental concepts associated with the physical universe. Topics include Newtonian mechanics, fluids, heat thermodynamics, wave motion, and sound. Designed to meet the needs of biology majors and students preparing for the medical profession and related fields. Prerequisites: Two years high school algebra and one year geometry (plane trigonometry recommended) or one year of high school calculus or one higher-level college math course (college algebra (MATH1280) or college calculus (MATH1510)).

PHYS1420 Elements of Physics II with Lab - 4 s.h.

A continuation of PHYS1410. Topics included are electricity, magnetism, electromagnetic waves, light, relativity, quantum mechanics, and nuclear physics. Prerequisite: PHYS1410.

POLS1300 United States Government - 3 s.h.

The nature, philosophy, and history of the United States federal system with major consideration given to the national government, its organization, and the interrelation and functions of its component parts. A consideration of the political processes and legal concepts implicit in the American government. ELO5 Social Science - Innovation.

PSYC2250 Developmental Psychology - 3 s.h.

The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

PSYC2320 Marriage and the Family (also SOCI2320) - 3 s.h.

A social science approach to relationships and attraction with a focus on marriage and the family unit. Topics include dating, marital roles, parenting, and interaction patterns. Explores disruptions such as divorce and domestic violence as well as clinical and community-level interventions from a systems perspective. +This course is only offered every other year.

SCIE1200 Integrated Science with Lab - 4 s.h.

A broad overview of concepts from earth and space science (e.g., physical and historical geology, structure and processes of the hydrosphere, and astronomy), life sciences (e.g., structure and function of cells, levels of organization, genetics, evolution, classification and characteristics of the major groups of organisms, structures and functions of plant organs and systems, anatomy and physiology of animals (including human body systems), and ecology), and physical sciences (e.g., structure and properties of matter, relationships between energy and matter, chemical reactions, mechanics, electricity, magnetism, waves, and optics). Not intended for science majors. Additional fee required. Fulfills liberal learning science course. GE3D Liberal Learning-Natural Sciences

SCIE3030 The Nature of Science - 3 s.h.

An overview of the history and philosophy of science and an investigation of contemporary problems, issues, and concepts in the sciences. A study of the interrelatedness of the several fields of science as well as the relation of science to other areas of scholarship. Prerequisite: Any college biological or physical science course.

SOCI1300 Introduction to Sociology - 3 s.h.
Introduction to the perspective of sociology, its basic concepts and principles and an overview of the field.Includes study of social classes, sex roles, crime and deviance, socialization, social movements and others. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace

SOCI2320 Marriage and the Family (also PSYC2320) - 3 s.h.
A social science approach to relationships and attraction with a focus on marriage and the family unit. Topics include dating, marital roles, parenting, and interaction patterns. Explores disruptions such as divorce and domestic violence as well as clinical and community-level interventions from a systems perspective.

THTR1230 Theatre and Society - 3 s.h.
Designed to develop an understanding of how Theatre and society coexist in our world. Course fosters an appreciation for the theatre artist's skills and expertise. In this course students experience acting, design, and playwriting through collaborative group projects and interactive assignments. Students will explore the complex relationship between Theatre and society from the past to the present through presentations and class discussions. ELO5 Arts - Equality, ELO5 Arts - Equality and Peace, GE3A Liberal Learning-Arts.

UNIV1200 Health and Wholeness - 3 s.h.
Introduces students to foundational concepts in health and wellness as well as practices that promote life-long wholeness, including physical and mental health risk assessment and mitigation.

BA Degree - Secondary Education (5-12 grade level)

Secondary Education Requirements:

EDUC1300 Introduction to Education – 3 s.h. **or**
a School of Education approved Introduction to Education course and EDUC1410 Clinical Experience Lab – 1 s.h.

EDUC2120 Human Relations – 3 s.h.

EDUC2420 Teacher Education Entry Workshop – 0 s.h.

EDUC3520 General Secondary Methods and Content Reading – 3 s.h.

EDUC3542 Secondary Education Methods Lab – 1 s.h.

EDUC3580 Education of Exceptional Children and Adults – 3 s.h.

EDUC3590 Educational Psychology and Measurement – 3 s.h.

*EDUC3720 7-12 Secondary Education Practicum – 1-2 s.h.

EDUC4250 Professional Practice Seminar – 3 s.h.

EDUC4380 Capstone Seminar – 0 s.h.

**EDUC4420 Secondary Student Teaching – 14 s.h.

PSYC2250 Developmental Psychology – 3 s.h.

The appropriate methods course 3-5 s.h.

*Majors in Secondary Education with a 5-12 Mild/Moderate Special Education Endorsement must substitute EDUC3550 Mild/Moderate Special Education Practicum for EDUC3720. Secondary candidates with more than one 5-12 teaching major should have a practicum for each major to meet the pre-student teaching requirement of the state of Iowa for teaching majors. Candidates with more than one 5-12 teaching major obtaining a 5-12 Mild/Moderate Special Education endorsement will substitute EDUC3550 Mild/Moderate Special Education Practicum for one of the majors.

**Students with a concentration in 5-12 Mild/Moderate Special Education should substitute EDUC4470 Secondary and Mild/Moderate Student Teaching.

Secondary Education Major Requirements

All secondary education major candidates must, in addition, complete at least one teaching major (listed below). If Graceland does not have the major, the candidate must complete requirements necessary for any 5-12 secondary teaching field listed under the Secondary (5-12) Teaching Fields. The University offers the following secondary education teaching major endorsements (see the corresponding departmental section of the catalog for specific major requirements):

Art (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/art)

Biology (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/biology/)

Business (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/business-management/)

Chemistry (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/chemistry/)

English (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/english/)

History (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/history/)

Secondary (5-12) Teaching Fields:

In addition to the secondary education major, students may seek endorsements for the following secondary (5-12) teaching fields:

American History (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/history/)

Art (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/art)

Biological Science (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/biology/)

Business (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/business-management/)

Chemistry (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/chemistry/)

English (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/english/)

General Science (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/science-teacher-certification-in-basic-science/)

Health (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/health-and-physical-education/) (Can only be added as an additional secondary 5-12 field)

Mathematics (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/mathematics-secondary-teacher-education-option/)

Mild/Moderate Special Education (Can only be added as an additional secondary 5-12 field)

Music (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/performing-arts/)

Physical Education (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/health-and-physical-education/)

Psychology (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/psychology/) (Can only be added as an additional secondary 5-12 field)

Social Science Basic (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/history/)

World History (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/history/)

Secondary education students majoring in any teaching major, who desire Iowa Teacher Certification with endorsements in K-8 Mild/Moderate Special Education and/or 5-12 Mild/Moderate Special Education, must complete the Secondary Teacher Education Major and the appropriate concentration.

Combination K-12 Education Major (K-8 and 5-12 grade level)

Combination K-12 Education majors are available in Art, Physical Education/Health, and Music (only the Combo K-12 major). Candidates must follow the Combination K-12 Education major and the respective content area majors/endorsements, as applicable. See Combination K-12 Education Major (K-8 and 5-12 grade levels).

Courses Offered

EDUC1300 Introduction to Education

EDUC1410 Clinical Experience Lab

EDUC2120 Human Relations

EDUC2420 Teacher Education Entry Workshop

EDUC3520 General Secondary Methods and Content Reading

EDUC3542 Secondary Education Methods Lab

EDUC3550 7–12 Mild/Moderate Special Education Practicum

EDUC3580 Education of Exceptional Child and Adult

EDUC3590 Educational Psychology

EDUC3720 7-12 Secondary Education Practicum

EDUC3730 Combination K-6 and 7-12 Education Practicum

EDUC4250 Professional Practice Seminar

EDUC4380 Capstone Seminar

EDUC4420 Secondary Student Teaching (7-12)

EDUC4450 Combination K-6 and 7-12 Student Teaching

EDUC4470 Secondary and Mild/Moderate Student Teaching

EDUC4480 Elementary and Secondary Mild/Moderate Student Teaching

PSYC2250 Developmental Psychology

Course Descriptions

EDUC1300 Introduction to Education - 3 s.h.

Emphasis is upon social, historical, and philosophical foundations of education; ethics; reflection; and professional development. Includes a series of observation and teaching activities in a variety of P-12 classroom settings monitored by licensed professional educators as well as university faculty. Students must earn a grade of C or higher in this class for admittance into Teacher Education and to enroll in junior-level education classes. (Additional background check fee required.)

EDUC1410 Clinical Experience Lab - 1 s.h.

A robust series of well-sequenced early clinical field experiences that connect to and integrate the content of EDUC1400. Students will observe and participate in teaching activities in a variety of P-12 classroom settings monitored by licensed professional educators as well as university faculty. (Graded on a Pass/Fail basis.)

EDUC2120 Human Relations - 3 s.h.

Analysis of various societal subgroups and how such groups recognize and deal with dehumanizing biases. Students learn to relate effectively to various groups to foster understanding and respect for equity, diversity, and inclusion. Emphasis on self-awareness in human relations issues and how this awareness can be translated into positive relationships. Introduction to ethnographic analysis and pedagogical, curricular, and social considerations involved in working with and educating various societal subgroups. ELO3 Ethical Thinking and Action - Equality, ELO3 Ethical Thinking and Action - Equality and Peace, GE3E Liberal Learning-Social Sciences

EDUC2420 Teacher Education Entry Workshop - 0.0 s.h.

Acquire information pertaining to teacher education requirements and candidate responsibilities for the program assessment system. Take the GSOE required content area pre-assessment, among other requirements for program participation. Required for all transfer students during their first semester or term at Graceland. (Additional E-Portfolio fee required. Graded on a Pass/Fail basis.)

EDUC3520 General Secondary Methods and Content Reading - 3 s.h.

Study of theory and research related to content area reading in the secondary school. Apply techniques for evaluating textbooks, assessing achievement, improving comprehension and critical thinking, enhancing study skills, and developing vocabulary. Prerequisite: Admittance into Teacher Education, unless part of an approved Liberal Studies Program, EDUC3590.

EDUC3542 Secondary Education Methods Lab - 1 s.h.

Students apply curriculum planning and instructional strategies within their specified content in a pre-student teaching clinical experience. Students are placed in a content specific classroom to gain experience with classroom instruction. Prerequisite: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program. Co-requisite: EDUC3520.

EDUC3550 7–12 Mild/Moderate Special Education Practicum - 1-2 s.h.

A two-week practicum in Mild/Moderate Special Education Programs in secondary schools. Prerequisites: EDUC3200, EDUC3230. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3580 Education of Exceptional Child and Adult - 3 s.h.

Examine the philosophical, historical and legal bases for special education, including the definitions and etiologies of individuals with disabilities and exceptional learning needs. Study gifted individuals and those with exceptional needs from culturally and linguistically diverse backgrounds. Prerequisites: EDUC1300.

EDUC3590 Educational Psychology - 3 s.h.

An introduction to the theories and practices connecting psychology and education. The course addresses the social contexts of child development (0-adult), classroom culture, learning, individual differences, social-emotional learning, and their implications related to physical, emotional, and cognitive development of children and the impact on learning. Measurement strategies are introduced and provide an understanding of classroom, local, state, and national assessments. Prerequisite: EDUC1300

EDUC3720 7-12 Secondary Education Practicum - 1-2 s.h.

A required two-week internship for Secondary Teacher Education Program. Interns have full-day placements in secondary school subject-area programs. Pre or Corequisite: subject-area methods class or EDUC3520. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3730 Combination K-6 and 7-12 Education Practicum - 1-2 s.h.

Candidates with majors in art, music, and physical education complete two weeks of internship in art, music, or physical education. Interns have full-day placement with half of experience at the secondary level and half at the elementary level. Pre or Corequisite: subject-area methods courses or EDUC3520. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC4250 Professional Practice Seminar - 3 s.h.

Designed for Elementary and Secondary Education teacher candidates with a focus on preparation for professional practice. The integrated study of professional ethics, legal frameworks, and pedagogical responsibilities in and out of the classroom. Emphasis on the assessment of students' diverse needs and application of effective and culturally relevant instructional and classroom management strategies. An introduction to the Model Code of Ethics for Educators and the Iowa Code of Professional Conduct and Ethics frameworks and their role in professional decision-making. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program. Enroll during the semester that precedes student teaching.

EDUC4380 Capstone Seminar - 0.0 s.h.

The seminar is designed to promote a successful transition to student teaching and to provide a forum for peer support. Topics will center on discussions and assignments that merge education program coursework knowledge and teaching practice. The seminar is also designed to assist candidates as they apply for an initial Iowa teaching license and begin the job search. (Graded on a Pass/Fail basis.)

EDUC4420 Secondary Student Teaching (7-12) - 6-14 s.h.

Secondary Education Candidates complete 14 weeks of secondary student teaching in accordance with the policies in the Teacher Education Handbook. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.) * If a candidate with more than one teaching major completes 14 semester hours of student teaching for one major (or endorsements that require student teaching), an additional six semester hours of student teaching will meet the student teaching requirement for the asterisked second teaching major.

EDUC4450 Combination K-6 and 7-12 Student Teaching - 6-14 s.h.

Candidates with majors in art, music, and physical education complete 14 weeks of student teaching in art, music, or physical education. Half (7 s.h.) of the experience is secondary level and half is elementary level. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.)

EDUC4470 Secondary and Mild/Moderate Student Teaching - 6-14 s.h.

Secondary Education Candidates complete 14 weeks of student teaching to include placements in a mild/moderate special education setting and a secondary subject area classroom. This course substitutes for EDUC4420. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.) ***This is the only student teaching course required for secondary majors completing the K-12 Mild/Moderate Special Education endorsement.

EDUC4480 Elementary and Secondary Mild/Moderate Student Teaching - 6-14 s.h.

Elementary Education Majors complete 14 weeks of student teaching. Will include a placement in a secondary mild/moderate special education setting and a mainstream elementary classroom. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.)

PSYC2250 Developmental Psychology - 3 s.h.
The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

BA Degree - Combination Education (K-12 grade level)

Combination K-12 Education Requirements:

EDUC1300 Introduction to Education – 3 s.h. **or**
a School of Education approved Introduction to Education course and EDUC1410 Clinical Experience Lab – 1 s.h.
EDUC2120 Human Relations – 3 s.h.
EDUC2420 Teacher Education Entry Workshop – 0 s.h.
EDUC3520 General Secondary Methods and Content Reading – 3 s.h.
EDUC3542 Secondary Education Methods Lab – 1 s.h.
EDUC3580 Education of Exceptional Children and Adults – 3 s.h.
EDUC3590 Educational Psychology and Measurement – 3 s.h.
*EDUC3730 Combination K-16 and 7-12 Education Practicum – 1 s.h.
EDUC4250 Professional Practice Seminar – 3 s.h.
EDUC4380 Capstone Seminar – 0 s.h.
**EDUC4450 Combination K-12 Student Teaching – 14 s.h.
PSYC2250 Developmental Psychology – 3 s.h.
The appropriate methods course 3-5 s.h.

*Combination K-12 Education Majors with a 5-12 Mild/Moderate Special Education endorsement must substitute EDUC3550 Mild/Moderate Special Education Practicum for EDUC3730. Combination K-12 Education candidates with more than one 5-12 teaching major should have a practicum for each major to meet the pre-student teaching requirement of the state of Iowa for teaching majors. Candidates with more than one 5-12 teaching major obtaining a 5-12 Mild/Moderate Special Education endorsement will substitute EDUC3550 Mild/Moderate Special Education Practicum for one of the majors.

**Students with a concentration in 5-12 Mild/Moderate Special Education should take EDUC4450 Combination K-12 Student Teaching and EDUC4470 Secondary and Mild/Moderate Student Teaching for a total of 14 semester hours of student teaching.

Combination K-12 Education Major Requirements
All combination K-12 education major candidates can earn licensure to teach in K-8 and 5-12 school levels. Candidates must complete at least one teaching major in either **Art** or **Physical Education/Health** in addition to the Combination K-12

Education Major, then add the appropriate endorsements (e.g., K-8 Art and 5-12 Art). To obtain **K-12 Music Education**, candidates major in Combination K-12 Education and add the necessary K-8 Music and 5-12 Music endorsements.

Secondary (5-12) Teaching Fields:
In addition to the combination K-12 education major, students may seek endorsements for the following secondary (5-12) teaching fields:

- American History (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/history/)
- Art (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/art)
- Biological Science (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/biology/)
- Business (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/business-management/)
- Chemistry (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/chemistry/)
- English (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/english/)
- General Science (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/science-teacher-certification-in-basic-science/)
- Health (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/health-and-physical-education/) (Can only be added as an additional secondary 5-12 field)
- Mathematics (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/mathematics-secondary-teacher-education-option/)
- Mild/Moderate Special Education (Can only be added as an additional secondary 5-12 field)
- Music (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/performing-arts/)
- Physical Education (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/health-and-physical-education/)
- Psychology (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/psychology/) (Can only be added as an additional secondary 5-12 field)
- Social Science Basic (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/history/)
- World History (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/history/)

Combination K-12 education students majoring in any teaching major, who desire Iowa Teacher Certification with endorsements in K-8 Mild/Moderate Special Education and/or 5-12 Mild/Moderate Special Education, must complete the combination K-12 teacher education major and the appropriate concentration.

Courses Offered

EDUC1300 Introduction to Education

EDUC1410 Clinical Experience Lab

EDUC2120 Human Relations

EDUC2420 Teacher Education Entry Workshop

EDUC3520 General Secondary Methods and Content Reading

EDUC3542 Secondary Education Methods Lab

EDUC3550 7–12 Mild/Moderate Special Education Practicum

EDUC3580 Education of Exceptional Child and Adult

EDUC3590 Educational Psychology

EDUC3730 Combination K-6 and 7-12 Education Practicum

EDUC4250 Professional Practice Seminar

EDUC4380 Capstone Seminar

EDUC4450 Combination K-6 and 7-12 Student Teaching

EDUC4470 Secondary and Mild/Moderate Student Teaching

PSYC2250 Developmental Psychology

Course Descriptions

EDUC1300 Introduction to Education - 3 s.h.

Emphasis is upon social, historical, and philosophical foundations of education; ethics; reflection; and professional development. Includes a series of observation and teaching activities in a variety of P-12 classroom settings monitored by licensed professional educators as well as university faculty. Students must earn a grade of C or higher in this class for admittance into Teacher Education and to enroll in junior-level education classes. (Additional background check fee required.)

EDUC1410 Clinical Experience Lab - 1 s.h.

A robust series of well-sequenced early clinical field experiences that connect to and integrate the content of EDUC1400. Students will observe and participate in teaching activities in a variety of P-12 classroom settings monitored by licensed professional educators as well as university faculty. (Graded on a Pass/Fail

basis.)

EDUC2120 Human Relations - 3 s.h.

Analysis of various societal subgroups and how such groups recognize and deal with dehumanizing biases. Students learn to relate effectively to various groups to foster understanding and respect for equity, diversity, and inclusion. Emphasis on self-awareness in human relations issues and how this awareness can be translated into positive relationships. Introduction to ethnographic analysis and pedagogical, curricular, and social considerations involved in working with and educating various societal subgroups. ELO3 Ethical Thinking and Action - Equality, ELO3 Ethical Thinking and Action - Equality and Peace, GE3E Liberal Learning-Social Sciences

EDUC2420 Teacher Education Entry Workshop - 0.0 s.h.

Acquire information pertaining to teacher education requirements and candidate responsibilities for the program assessment system. Take the GSOE required content area pre-assessment, among other requirements for program participation. Required for all transfer students during their first semester or term at Graceland. (Additional E-Portfolio fee required. Graded on a Pass/Fail basis.)

EDUC3520 General Secondary Methods and Content Reading - 3 s.h.

Study of theory and research related to content area reading in the secondary school. Apply techniques for evaluating textbooks, assessing achievement, improving comprehension and critical thinking, enhancing study skills, and developing vocabulary. Prerequisite: Admittance into Teacher Education, unless part of an approved Liberal Studies Program, EDUC3590.

EDUC3542 Secondary Education Methods Lab - 1 s.h.

Students apply curriculum planning and instructional strategies within their specified content in a pre-student teaching clinical experience. Students are placed in a content specific classroom to gain experience with classroom instruction. Prerequisite: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program. Co-requisite: EDUC3520.

EDUC3550 7–12 Mild/Moderate Special Education Practicum - 1-2 s.h.

A two-week practicum in Mild/Moderate Special Education Programs in secondary schools. Prerequisites: EDUC3200, EDUC3230. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3580 Education of Exceptional Child and Adult - 3 s.h.

Examine the philosophical, historical and legal bases for special education, including the definitions and etiologies of individuals with disabilities and exceptional learning needs. Study gifted individuals and those with exceptional needs from culturally and linguistically diverse backgrounds. Prerequisites: EDUC1300.

EDUC3590 Educational Psychology - 3 s.h.

An introduction to the theories and practices connecting psychology and education. The course addresses the social contexts of child development (0-adult), classroom culture, learning, individual differences, social-emotional learning, and their implications related to physical, emotional, and cognitive development of children and the impact on learning. Measurement strategies are introduced and provide an understanding of classroom, local, state, and national assessments. Prerequisite: EDUC1300

EDUC3730 Combination K-6 and 7-12 Education Practicum - 1-2 s.h.

Candidates with majors in art, music, and physical education complete two weeks of internship in art, music, or physical education. Interns have full-day placement with half of experience at the secondary level and half at the elementary level. Pre or Corequisite: subject-area methods courses or EDUC3520.

Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC4250 Professional Practice Seminar - 3 s.h.
Designed for Elementary and Secondary Education teacher candidates with a focus on preparation for professional practice. The integrated study of professional ethics, legal frameworks, and pedagogical responsibilities in and out of the classroom. Emphasis on the assessment of students' diverse needs and application of effective and culturally relevant instructional and classroom management strategies. An introduction to the Model Code of Ethics for Educators and the Iowa Code of Professional Conduct and Ethics frameworks and their role in professional decision-making. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program. Enroll during the semester that precedes student teaching.

EDUC4380 Capstone Seminar - 0.0 s.h.
The seminar is designed to promote a successful transition to student teaching and to provide a forum for peer support. Topics will center on discussions and assignments that merge education program coursework knowledge and teaching practice. The seminar is also designed to assist candidates as they apply for an initial Iowa teaching license and begin the job search. (Graded on a Pass/Fail basis.)

EDUC4450 Combination K-6 and 7-12 Student Teaching - 6-14 s.h.
Candidates with majors in art, music, and physical education complete 14 weeks of student teaching in art, music, or physical education. Half (7 s.h.) of the experience is secondary level and half is elementary level. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.)

EDUC4470 Secondary and Mild/Moderate Student Teaching - 6-14 s.h.
Secondary Education Candidates complete 14 weeks of student teaching to include placements in a mild/moderate special education setting and a secondary subject area classroom. This course substitutes for EDUC4420. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.) ***This is the only student teaching course required for secondary majors completing the K-12 Mild/Moderate Special Education endorsement.

PSYC2250 Developmental Psychology - 3 s.h.
The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

Course list - Education (Undergraduate)

Courses Offered

EDUC1300 Introduction to Education

EDUC1410 Clinical Experience Lab

EDUC2000 Individual Study

EDUC2100 Technology Applications in Education

EDUC2120 Human Relations

EDUC2160 Early Literacy, Language Acquisition, and Collaboration

EDUC2300 Children's and Adolescent Literature in Elementary Education

EDUC2420 Teacher Education Entry Workshop

EDUC2500 Teaching PK/Elementary Physical Education, Health/Wellness, Visual and Performance Arts

EDUC3000 Individual Study

EDUC3200 Introduction to Mild/Moderate Disabilities K-12

EDUC3220 K–8 Methods and Strategies for Mild/Moderate Special Education

EDUC3230 5-12 Methods and Strategies for Mild/Moderate Special Education

EDUC3261 Transition Programming and Collaboration

EDUC3280 Middle School Practicum

EDUC3290 Early Childhood Practicum

EDUC3300 Foundations of Literacy Instruction

EDUC3310 Early Childhood Education (Pre-primary/Kindergarten)

EDUC3311 Foundations of Reading Assessment Support

EDUC3330 K-6 Reading Practicum

EDUC3340 7-12 Reading Practicum

EDUC3350 Behavior Management for Mild/Moderate Disabilities

EDUC3390 Analysis and Correction of Reading Disabilities

EDUC3450 K–6 Mild/Moderate Special Education Practicum

EDUC3470 Collaborative Consultation

EDUC3475 Social Studies Methods and Content Reading Strategies

EDUC3481 Language Arts, Reading, and Writing

EDUC3511 Science Methods for Elementary Educators

EDUC3520 General Secondary Methods and Content Reading

EDUC3530 Math Methods for Elementary Educators

EDUC3540 Elementary Education Methods Lab

EDUC3542 Secondary Education Methods Lab

EDUC3550 7–12 Mild/Moderate Special Education Practicum

EDUC3580 Education of Exceptional Child and Adult

EDUC3590 Educational Psychology

EDUC3620 Administration of Early Childhood Programs

EDUC3630 Assessment, Diagnosis, and Evaluation

EDUC3710 K-6 Elementary Education Practicum

EDUC3720 7-12 Secondary Education Practicum

EDUC3730 Combination K-6 and 7-12 Education Practicum

EDUC3800 GSOE International Field Experience

EDUC3900 Topics in Education

EDUC4000 Individual Study

EDUC4250 Professional Practice Seminar

EDUC4380 Capstone Seminar

EDUC4400 Elementary Student Teaching (K-6)

EDUC4420 Secondary Student Teaching (7-12)

EDUC4440 Early Childhood Student Teaching

EDUC4450 Combination K-6 and 7-12 Student Teaching

EDUC4460 Elementary and Mild/Moderate Student Teaching

EDUC4470 Secondary and Mild/Moderate Student Teaching

EDUC4480 Elementary and Secondary Mild/Moderate

Student Teaching

Course Descriptions

EDUC1300 Introduction to Education - 3 s.h.

Emphasis is upon social, historical, and philosophical foundations of education; ethics; reflection; and professional development. Includes a series of observation and teaching activities in a variety of P-12 classroom settings monitored by licensed professional educators as well as university faculty. Students must earn a grade of C or higher in this class for admittance into Teacher Education and to enroll in junior-level education classes. (Additional background check fee required.)

EDUC1410 Clinical Experience Lab - 1 s.h.

A robust series of well-sequenced early clinical field experiences that connect to and integrate the content of EDUC1400. Students will observe and participate in teaching activities in a variety of P-12 classroom settings monitored by licensed professional educators as well as university faculty. (Graded on a Pass/Fail basis.)

EDUC2000 Individual Study - 1-3 s.h.

EDUC2100 Technology Applications in Education - 3 s.h.

A hands-on course with a focus on the effective and appropriate use of technologies commonly used in the professional world and the field of education. This includes use of office applications, developing and working with multimedia such as video, podcasts, and professional audio recording, creating web pages, using cutting edge social media communications tools for marketing and communication, and extensive use of still and video cameras, audio recording tools, smart boards and tablet technologies. ELO4 Global Learning - Innovation.

EDUC2120 Human Relations - 3 s.h.

Analysis of various societal subgroups and how such groups recognize and deal with dehumanizing biases. Students learn to relate effectively to various groups to foster understanding and respect for equity, diversity, and inclusion. Emphasis on self-awareness in human relations issues and how this awareness can be translated into positive relationships. Introduction to ethnographic analysis and pedagogical, curricular, and social considerations involved in working with and educating various societal subgroups. ELO3 Ethical Thinking and Action - Equality, ELO3 Ethical Thinking and Action - Equality and Peace, GE3E Liberal Learning-Social Sciences

EDUC2160 Early Literacy, Language Acquisition, and Collaboration - 3 s.h.

Study of the psychological, socio-cultural, and linguistic foundations of reading and writing processes and instruction. Apply knowledge of language development, reading acquisition (birth through third grade), and the variations related to culture and linguistic diversity to provide effective instruction in reading and writing. Acquire knowledge of the unique needs and backgrounds of students with language differences and delays and uses effective strategies for facilitating the learning of standard English by all learners. A study of methods and strategies for working with parents, support services personnel, regular classroom teachers, paraprofessionals, and other individuals involved in an education setting.

EDUC2300 Children’s and Adolescent Literature in Elementary Education - 3 s.h.

A survey of literature for children. Prepare to use knowledge of children's literature for modeling the reading and writing of varied genres, fiction and nonfiction, technology- and media-based information, and non-print materials; for motivating through the use of texts at multiple levels, representing broad interests, and reflecting varied cultures, linguistic backgrounds, and perspectives; and for matching text complexities to the proficiencies and needs of readers. Includes a brief survey of literature for the adolescent. Does not apply toward literature for general education.

EDUC2420 Teacher Education Entry Workshop - 0.0 s.h.

Acquire information pertaining to teacher education requirements and candidate responsibilities for the program assessment system. Take the GSOE required content area pre-assessment, among other requirements for program participation. Required for all transfer students during their first semester or term at Graceland. (Additional E-Portfolio fee required. Graded on a Pass/Fail basis.)

EDUC2500 Teaching PK/Elementary Physical Education, Health/Wellness, Visual and Performance Arts - 1-3 s.h.

Development of skills and abilities related to learning physical education, health/wellness, visual and performance arts methods for teaching in the preschool and elementary classroom.

EDUC3000 Individual Study - 1-3 s.h.

EDUC3200 Introduction to Mild/Moderate Disabilities K-12 - 3 s.h.

Understand the general developmental, academic, social, career, and functional characteristics of individuals with mild and moderate disabilities. Examine educational alternatives and related services, including the role of the multidisciplinary team in studying etiologies of disabilities and providing appropriate educational programming. Prerequisites: EDUC1300. Co- or prerequisites: EDUC3580.

EDUC3220 K–8 Methods and Strategies for Mild/Moderate Special Education - 3 s.h.

Learn to facilitate instructional methodologies for elementary-level learners with exceptional needs, including learning, behavioral, emotional, mental, and language disabilities in a mild/moderate setting. Prepare to plan individual educational programs and to implement curricula for the development of cognitive, academic, language, and functional life skills. Address remedial methods and techniques, including alternative methods for teaching skills and strategies, as well as appropriate assistive technology. One semester hour of this course is a supervised field experience. Prerequisites: EDUC3200, EDUC3580.

EDUC3230 5-12 Methods and Strategies for Mild/Moderate Special Education - 3 s.h.

Learn to facilitate instructional methodologies for secondary-level learners with exceptional needs, including learning, behavior, emotional, mental, and language disabilities in a mild/moderate setting. Prepare to plan individual educational programs and to implement curricula for the development of cognitive, academic, language, and functional life skills. Address remedial methods and techniques, including alternative methods for teaching skills and strategies, as well as appropriate assistive technology. One semester hour of this course is a supervised field experience. Prerequisites: EDUC3200, EDUC3580.

EDUC3261 Transition Programming and Collaboration - 3 s.h.

An introduction to organizing and implementing career-vocational programs for secondary students with mild disabilities. A study of methods and strategies for working with parents, support services personnel, regular classroom teachers, paraprofessionals, and other individuals involved in an education setting. Prerequisites: EDUC3580

EDUC3280 Middle School Practicum - 1-2 s.h.

A two-week practicum in a middle school classroom. Prerequisites: EDUC3560. Admittance into Teacher Education required. (Graded on a Pass/Fail basis).

EDUC3290 Early Childhood Practicum - 1-2.5 s.h.

A pre-student teaching practicum of at least 100 clock hours. Work with three age levels: (1) infant and toddler, (2) preprimary, and (3) primary students in two different settings such as rural and urban, and encompassing differing socioeconomic status, ability levels, cultural and linguistic diversity and program types and sponsorship. Prerequisites: EDUC3200, EDUC3310. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3300 Foundations of Literacy Instruction - 3 s.h.

Study a range of research pertaining to reading, writing, and learning, including scientifically-based reading research, and knowledge of histories of reading. Examine major components of reading. Use a variety of assessment strategies to identify reading proficiencies and evaluating needs for planning and instruction and communicating results of assessments. Match text complexities to the proficiencies and needs of readers. Use knowledge of a range of research-based strategies and instructional technology for designing and delivering effective instruction across the curriculum, for grouping students, and for selecting materials appropriate for learners at various stages of reading and writing development and from varied cultural and linguistic backgrounds. Prerequisite EDUC1300.

EDUC3310 Early Childhood Education (Pre-primary/Kindergarten) - 3 s.h.

Focuses on the development and the implementation of integrated learning experiences for typical and atypical preprimary and kindergarten children with focus on multicultural and nonsexist content that includes, aesthetic, physical, cognitive, social and emotional development and developmentally appropriate adaptations for children at risk or have exceptional needs. Co-requisite: EDUC3620. +This course is only offered every other year.

EDUC3311 Foundations of Reading Assessment Support - 0-1 s.h.

An overview and remediation of content focused on the Science of Reading and effective reading instruction. Required of all education students that do not meet the qualifying score on the foundations of reading assessment. Prerequisite: Completion of the foundations of reading assessment. (Graded on a Pass/Fail basis)

EDUC3330 K-6 Reading Practicum - 1-3 s.h.

A three-week practicum in elementary school literacy programs for struggling students. Work with a licensed professional who observes, evaluates, and provides feedback on knowledge, dispositions, and performance of the teaching of reading and writing. Effectively use reading and writing strategies, materials, and assessments based upon appropriate reading and writing research and work with colleagues and families in the support of reading and writing development. Pre or Corequisite: EDUC3390. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3340 7-12 Reading Practicum - 1-6 s.h.

A three-week practicum in middle or high school literacy programs for struggling students. Work with a licensed professional who observes, evaluates, and provides feedback on knowledge, dispositions, and performance of the teaching of reading and writing. Effectively use reading and writing strategies, materials, and assessments based upon appropriate reading and writing research and work with colleagues and families in the support of reading and writing development. Pre or Corequisite: EDUC3390. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3350 Behavior Management for Mild/Moderate Disabilities - 3 s.h.

Preparation in behavior management theories, methods, and techniques for K-12 students with mild/moderate learning, behavior, emotional, mental, and language disabilities. Address use of diagnostic instruments and non-aversive techniques for controlling targeted behaviors and attention deficits. Prepare to design, implement, and evaluate instructional programs that enhance an individual's social participation in family, school, and community activities.

EDUC3390 Analysis and Correction of Reading Disabilities - 3 s.h.

Use knowledge of assessment instruments, procedures, and practices for the identification of students' reading proficiencies and needs, for planning and revising instruction for all students as well as those with reading difficulties. Examine policies and procedures related to special programs, including Title I. Use knowledge of a range of research-based strategies and instructional technology for designing and delivering effective instruction and for selecting materials appropriate for learners at various stages of reading and writing development and from varied cultural and linguistic backgrounds. Prerequisites: EDUC3300.

EDUC3450 K–6 Mild/Moderate Special Education Practicum - 1-2 s.h.

A two-week practicum in Mild/Moderate Special Education Programs in elementary schools. Prerequisites: EDUC3200, EDUC3220. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3470 Collaborative Consultation - 3 s.h.

A study of methods and strategies for working with parents, support services personnel, regular classroom teachers, paraprofessionals, and other individuals involved in an education setting.

EDUC3475 Social Studies Methods and Content Reading Strategies - 3 s.h.

Best-practice, research-based instructional methods for teaching social studies in an elementary classroom including citizenship, history, geography, civic literacy, and economics. Strategies for integrating content reading strategies, technology and classroom management with social studies are incorporated. Prerequisite: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program.

EDUC3481 Language Arts, Reading, and Writing - 3 s.h.

Curriculum and strategies for instructing language arts, reading, and writing in the elementary school. Use knowledge and assessment of reading-writing-speaking connections, listening and viewing, the writing process, the stages of spelling development, writing genres and the connections between oral and written language development to effectively teach writing as communication and integrating within the content areas. Technology and classroom management as it applies to literacy methods is included. Prerequisite: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program and EDUC3300.

EDUC3511 Science Methods for Elementary Educators - 3 s.h.

An introduction to best-practice, research-based methods of inquiry-based teaching and learning of science. Curriculum and strategies introduced for instructing in the areas of physical, earth/space, and life science. Integration of content reading strategies, technology and classroom management as it applies to science methods included. Prerequisite: EDUC1300, admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program.

EDUC3520 General Secondary Methods and Content Reading - 3 s.h.

Study of theory and research related to content area reading in the secondary school. Apply techniques for evaluating textbooks, assessing achievement, improving comprehension and critical thinking, enhancing study skills, and developing vocabulary. Prerequisite: Admittance into Teacher Education, unless part of an

approved Liberal Studies Program, EDUC3590.

EDUC3530 Math Methods for Elementary Educators - 3 s.h.

An introduction to best-practice, research-based methods of teaching and learning mathematical processes to include problem solving, reasoning, communication, making connections and representations to the real life experiences for student learning. Curriculum, instruction, assessment, diagnosis and evaluation strategies introduced in the areas of numbers/operations, algebra, geometry, measurement, data analysis, and probability. Integration of content reading strategies, technology and classroom management as it applies to math methods included. Prerequisites: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program. Co-requisite: EDUC3540.

EDUC3540 Elementary Education Methods Lab - 1 s.h.

Students apply curriculum planning and instructional strategies for teaching literacy and mathematics in a pre-student teaching clinical experience. Students are placed in two different grade levels to include one primary and one intermediate placement. Prerequisite: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program. Co-requisite: EDUC3530.

EDUC3542 Secondary Education Methods Lab - 1 s.h.

Students apply curriculum planning and instructional strategies within their specified content in a pre-student teaching clinical experience. Students are placed in a content specific classroom to gain experience with classroom instruction. Prerequisite: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program. Co-requisite: EDUC3520.

EDUC3550 7–12 Mild/Moderate Special Education Practicum - 1-2 s.h.

A two-week practicum in Mild/Moderate Special Education Programs in secondary schools. Prerequisites: EDUC3200, EDUC3230. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3580 Education of Exceptional Child and Adult - 3 s.h.

Examine the philosophical, historical and legal bases for special education, including the definitions and etiologies of individuals with disabilities and exceptional learning needs. Study gifted individuals and those with exceptional needs from culturally and linguistically diverse backgrounds. Prerequisites: EDUC1300.

EDUC3590 Educational Psychology - 3 s.h.

An introduction to the theories and practices connecting psychology and education. The course addresses the social contexts of child development (0-adult), classroom culture, learning, individual differences, social-emotional learning, and their implications related to physical, emotional, and cognitive development of children and the impact on learning. Measurement strategies are introduced and provide an understanding of classroom, local, state, and national assessments. Prerequisite: EDUC1300

EDUC3620 Administration of Early Childhood Programs - 2 s.h.

Examines principles of administration, organization and operation of programs for ages 0-8 and their families, including staff and program development, supervision and evaluation of staff, and continuing improvement of programs and services. Examine legal aspects, historical, philosophical, and social foundations of early childhood education. Co-requisite: EDUC3310. +This course is only offered every other year.

EDUC3630 Assessment, Diagnosis, and Evaluation - 3 s.h.

Examine legal provisions, regulations and guidelines of assessments and use of psychometric instruments. Review and discuss classroom assessments and instructional assessment measures for students with disabilities (infant through high school age). Study a variety of instruments, procedures, and practices that range from individual, group, formal, informal, and alternative assessments. Assessments utilized for the identification of students' reading proficiencies/needs, planning and revising instruction, planning and placement decisions, and communicating results of ongoing assessment to all stakeholders. Prerequisite: EDUC1300.

EDUC3710 K-6 Elementary Education Practicum - 1-2 s.h.

A required two-week internship for Elementary Education majors. Interns with endorsements in English/Language Arts, Health, Mathematics, Science, and Social Studies have full-day placements in regular elementary classroom programs. Interns with endorsements in Art, Music and Physical Education have placements in these specialty-area classrooms. Elementary majors may substitute PHED3400. Prerequisites: admittance into Teacher Education. (Graded on a Pass/Fail basis.)

EDUC3720 7-12 Secondary Education Practicum - 1-2 s.h.

A required two-week internship for Secondary Teacher Education Program. Interns have full-day placements in secondary school subject-area programs. Pre or Corequisite: subject-area methods class or EDUC3520. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3730 Combination K-6 and 7-12 Education Practicum - 1-2 s.h.

Candidates with majors in art, music, and physical education complete two weeks of internship in art, music, or physical education. Interns have full-day placement with half of experience at the secondary level and half at the elementary level. Pre or Corequisite: subject-area methods courses or EDUC3520. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3800 GSOE International Field Experience - 0-1 s.h.

Graceland Teacher Education candidates will participate in an opportunity within an international or US territory school working with K-12 students for a one-week (5-school day) field experience. The Teacher Education candidates will be working one-on-one, mentoring students in the school and teaching lessons in a diverse classroom setting. In addition to working in the school, the teacher candidates will be contributing time and resources toward a service-learning project.

EDUC3900 Topics in Education - 1-3 s.h.

Content may vary and will be announced at time of offering. May be repeated for credit when topics vary. Prerequisite: EDUC1300.

EDUC4000 Individual Study - 1-3 s.h.

EDUC4250 Professional Practice Seminar - 3 s.h.

Designed for Elementary and Secondary Education teacher candidates with a focus on preparation for professional practice. The integrated study of professional ethics, legal frameworks, and pedagogical responsibilities in and out of the classroom. Emphasis on the assessment of students' diverse needs and application of effective and culturally relevant instructional and classroom management strategies. An introduction to the Model Code of Ethics for Educators and the Iowa Code of Professional Conduct and Ethics frameworks and their role in professional decision-making. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program. Enroll during the semester that precedes student teaching.

EDUC4380 Capstone Seminar - 0.0 s.h.

The seminar is designed to promote a successful transition to student teaching and to provide a forum for peer support. Topics will center on discussions and assignments that merge education program coursework knowledge and teaching practice. The seminar is also designed to assist candidates as they apply for an initial Iowa teaching license and begin the job search. (Graded on a Pass/Fail basis.)

EDUC4400 Elementary Student Teaching (K-6) - 6-14 s.h.

Elementary Education Majors complete 14 weeks of elementary student teaching in accordance with the policies in the Teacher Education Handbook. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.) * If a candidate with more than one teaching major completes 14 semester hours of student teaching for one major (or endorsements that require student teaching), an additional six semester hours of student teaching will meet the student teaching requirement for the asterisked second teaching major.

EDUC4420 Secondary Student Teaching (7-12) - 6-14 s.h.

Secondary Education Candidates complete 14 weeks of secondary student teaching in accordance with the policies in the Teacher Education Handbook. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.) * If a candidate with more than one teaching major completes 14 semester hours of student teaching for one major (or endorsements that require student teaching), an additional six semester hours of student teaching will meet the student teaching requirement for the asterisked second teaching major.

EDUC4440 Early Childhood Student Teaching - 6-14 s.h.

Elementary Education Majors complete 14 weeks of student teaching. Will include a placement with preprimary children and a placement from kindergarten to grade three. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.) * If a candidate with more than one teaching major completes 14 semester hours of student teaching for one major (or endorsements that require student teaching), an additional six semester hours of student teaching will meet the student teaching requirement for the asterisked second teaching major.

EDUC4450 Combination K-6 and 7-12 Student Teaching - 6-14 s.h.

Candidates with majors in art, music, and physical education complete 14 weeks of student teaching in art, music, or physical education. Half (7 s.h.) of the experience is secondary level and half is elementary level. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.)

EDUC4460 Elementary and Mild/Moderate Student Teaching - 6-14 s.h.

Elementary Education Majors complete 14 weeks of student teaching. Will include a mild/moderate special education setting and a mainstream elementary classroom. This course substitutes for EDUC4400. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.) ** This is the only student teaching course required for elementary majors completing the K-12 Mild/Moderate Special Education endorsement.

EDUC4470 Secondary and Mild/Moderate Student Teaching - 6-14 s.h.

Secondary Education Candidates complete 14 weeks of student teaching to include placements in a mild/moderate special education setting and a secondary subject area classroom. This course substitutes for EDUC4420. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.) ***This is the only student teaching course required for secondary majors completing the K-12 Mild/Moderate Special Education endorsement.

EDUC4480 Elementary and Secondary Mild/Moderate Student Teaching - 6-14 s.h.

Elementary Education Majors complete 14 weeks of student teaching. Will include a placement in a secondary mild/moderate special education setting and a mainstream elementary classroom. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.)

English

Bachelor of Arts Degree



BA Degree - English Major

In addition to the essential education requirements, majors in English must **complete a program of 36 s.h. (not to include ENGL1100, COMM1100, or ENGL2110.)**

Core Requirements: 21 s.h.

- ENGL2240 Studies in Genres 3 s.h.
- ENGL2380 Our Bondage and Our Freedom: Literatures of the Americas, 1491-Present – 3 s.h.
- ENGL2390 Modernity and the Modern World: Survey of British Literature and Culture 3 s.h.
- ENGL2510 Introduction to Film 3 s.h.
- ENGL2600 Gender and Sexuality 3 s.h.
- ENGL3110 Critical Theory 3 s.h.

ENGL4700 Senior Capstone 3 s.h.

English Electives:students must take 9 s.h. of ENGL electives.

Writing Workshop or Practicum:(choose one course from the following) 3 s.h.

ENGL2410 Creative Writing: Poetry 3 s.h.
ENGL2420 Creative Writing: Fiction 3 s.h.
ENGL3320 Creative Writing: Nonfiction 3 s.h.
ENGL3530 Digital Filmmaking 3 s.h.

Social Change or Sustainability: (choose one course from the following) 3 s.h.

ENGL1200 Environmental Justice 3 s.h.
ENGL2350 American Ethnic Literatures 3 s.h.
ENGL2370 World Literature 3 s.h.
ENGL2540 Global Eco-Cinema 3 s.h.
ENGL3260 American Environmental Literature 3 s.h.
ENGL3420 Language and Culture 3 s.h.
ENGL3480 Cultural Studies 3 s.h.

Courses Offered

ENGL1200 Environmental Justice

ENGL2240 Studies in Genres

ENGL2350 American Ethnic Literatures

ENGL2370 World Literature

ENGL2380 Our Bondage and Our Freedom: Literature of the Americas, 1491-Present

ENGL2390 Modernity and the Modern World: Survey of British Literature and Culture

ENGL2410 Creative Writing: Poetry

ENGL2420 Creative Writing: Fiction

ENGL2510 Introduction to Film

ENGL2540 Global Eco-Cinema

ENGL2600 Gender and Sexuality

ENGL3110 Critical Theory

ENGL3260 American Environmental Literature

ENGL3320 Creative Writing: Nonfiction

ENGL3420 Language and Culture

ENGL3480 Cultural Studies

ENGL3530 Digital Filmmaking

ENGL4700 Senior Capstone

Course Descriptions

ENGL1200 Environmental Justice - 3 s.h.

Who is most hurt by environmental degradation and abuse, and who benefits? This course will examine what contemporary literature from the United States and around the world has to say about environmental racism, ecofeminism, and settler colonialism. We'll also think about the social construction of nature, globalization, food justice, and urban ecological issues. Our guiding question is simple: What is the role of art in the struggle for social change? This course emphasizes critical thinking, historical and socio-political contexts, and diverse aesthetics. GE3C Liberal Learning-Humanities

ENGL2240 Studies in Genres - 3 s.h.

This course provides an in-depth exploration of genre as a critical concept in literature and other cultural forms. Students will familiarize themselves and analyze a range of genres—including prose, poetry, novel, short story, drama, documentary, and film—examining how they function as frameworks for storytelling, expression, and meaning-making. Employing both literary criticism and genre histories, the course will explore the historical development of genres, their conventions, and their transformation across different cultural contexts over time. Through primary texts, critical readings, and discussions, students will investigate the role and forms of genre as well as engage in genre-blurring texts and their importance for both disciplinary and cross-disciplinary thinking. GE3C Liberal Learning-Humanities

ENGL2350 American Ethnic Literatures - 3 s.h.

A survey of multi-ethnic U.S. literature, including African American literature, Latino/a literature, Asian American literature, Native American literature, and American Jewish literature. As a complement to literary texts, students will also examine a range of introductory theoretical texts in the interdisciplinary field of ethnic studies. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. ++ This course is on a four-year cycle.

ENGL2370 World Literature - 3 s.h.

Examines literary works by authors from a broad range of artistic and cultural traditions. Designed to offer students an introduction to literature as a point of access into global communities such as Western European, Middle Eastern, African, Asian, Indigenous, and Latinx. ELO5 Humanities - World Citizenship, ELO5 Humanities - Sustainability. +This course is only offered every other year.

ENGL2380 Our Bondage and Our Freedom: Literature of the Americas, 1491-Present - 3 s.h.

Survey of American Literature stretching from the advent of European colonization in the Western Hemisphere to the present. The course will pay special attention to the legacies of colonialism and slavery, the history of social movements for freedom and equality, the making (and unmaking) of U.S. national mythologies, the major formal transformations that have taken place in U.S. Literature, and the function of literature as an innovative and adaptive technology that expands human capacities. GE3C Liberal Learning-Humanities

ENGL2390 Modernity and the Modern World: Survey of British Literature and Culture - 3 s.h.

The course employs visual and literary texts to examine the various social, cultural, political, artistic, and philosophical movements from modernity to the present. By critically engaging with both colonial and postcolonial texts, the course attempts to understand the ways in which the concepts like modernity, empire, coloniality, postcoloniality, and world-building intersect as well as shape our contemporary world. Considering the influence of modernity and the expanse of British empire, this course aims to enable students to understand their own lives as citizens of a world that has been shaped by these movements. GE3C Liberal Learning-Humanities

ENGL2410 Creative Writing: Poetry - 3 s.h.

Study of poetry writing through the lens of sustainability. Investigates the maintenance of various systems that meet human needs (e.g. emotional, physical, social, environmental) through extensive poetry writing and class discussion.

Emphasis on poetry as a means of self-discovery as well as an art form. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL2420 Creative Writing: Fiction - 3 s.h.

Study of fiction writing through the lens of sustainability. Investigates the maintenance of various systems that meet human needs (e.g. emotional, physical, social, environmental) through extensive fiction writing and class discussion. Emphasis on fiction as a means of self-discovery as well as an art form. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL2510 Introduction to Film - 3 s.h.

Study of cinema as an artistic endeavor, form of rhetoric, cultural mirror, and purveyor of ideology. Introduces the fundamentals of the discipline, to include vocabulary, concepts of film production, film reception, film analysis, film interpretation, and film criticism. Exploration of the artistic, commercial, entertainment, and ideological relationships between cinema and American culture, along with practice in the film literacy skills needed to qualitatively assess and communicate cinema's artistic and cultural contributions. ELO5 Humanities - Innovation.

ENGL2540 Global Eco-Cinema - 3 s.h.

A transnational survey of films that deal with environmental issues and, more broadly, with human relationships to the nonhuman world. An examination of the impact of urbanization on rural communities, the mysterious allure of wild and uncultivated landscapes, the threat of climate change to daily life around the world, and the cinematic representation of environmental apocalypse. Explores different genres and styles, including neo-realism, eco-horror, anime, and avant-garde cinema. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL2600 Gender and Sexuality - 3 s.h.

An exploration of issues of gender and sexuality in literature, with a focus on fiction, drama, and poetry by women and LGBT+ writers. As a complement to literary texts, students will also examine a range of introductory theoretical texts in the interdisciplinary field of gender and sexuality studies. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. ++ This course is on a four-year cycle.

ENGL3110 Critical Theory - 3 s.h.

Advanced study of literary, cultural, and moving image theory, and the application to written and filmic texts. GE3C Liberal Learning-Humanities +This course is only offered every other year.

ENGL3260 American Environmental Literature - 3 s.h.

What makes a work of literature "environmental"? How have humans thought about nature throughout history, and how does that intellectual and artistic history affect us today? Can works of literature help humans prevent environmental catastrophes like climate change and species extinction? We'll seek answers to these questions as we engage with fiction, nonfiction, drama, and poetry. We'll discuss the ways that literary and cultural forms can shape who we are, what we value, and what we imagine for the future. We'll also work to build your skills of critical reading, analytical thinking and persuasive writing, skills that will serve you in the future, in whatever environment you inhabit. ELO5 Humanities - Sustainability.

ENGL3320 Creative Writing: Nonfiction - 3 s.h.

Study of nonfiction writing through the lens of sustainability. Investigates the maintenance of various systems that meet human needs (e.g. emotional, physical, social, environmental) through extensive nonfiction writing and class discussion. Emphasis on nonfiction as a means of self-discovery as well as an art form. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities.

ENGL3420 Language and Culture - 3 s.h.

An introduction to languaging and grammatical structures of the English language. Emphasizes the history and development of English in different cultural communities as a means to understand, rather than prescribe, how English-speakers use language. Students will engage with cultural interpretations of linguistics as a field of study to better understand the relationship between the evolution of languages and how that evolution plays a part in social justice issues. ELO5 Humanities - Innovation, GE3C Liberal Learning-Humanities.

ENGL3480 Cultural Studies - 3 s.h.

Explores cultural systems of meaning and attendant issues of power, particularly in terms of class, gender, nation, race, nature, and sexuality. Emphasis on commercial and media culture. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL3530 Digital Filmmaking - 3 s.h.
A hands-on introduction to digital film production and editing. Introduces the technical knowledge need to investigate the creative possibilities of composition, light, motion, color and sound in shooting digital film. Examines the fundamentals of nonlinear editing, including continuity development, logging clips, audio tracks, and transitions. Additional fee required. Prerequisites: ENGL2510 or instructor consent. +This course is only offered every other year.

ENGL4700 Senior Capstone - 3 s.h.
Planning, preparing, and presenting a senior project in the student's area of concentration, with support from a faculty mentor.

English Minor

An English minor **consists of 18 hours or more** in English courses, including at least 6 upper division hours (not to include ENGL1100, COMM1100, or ENGL2110)

Teacher Certification in English

1. FOR ENGLISH AND NON-ENGLISH MAJORS WHO WANT A SECONDARY ENGLISH ENDORSEMENT (5-12): Students desiring Iowa Teacher Certification with a secondary endorsement must complete the Secondary Education Program (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sec-educ-pro/) (with ENGL3370 Methods of Teaching English as the appropriate methods course), a major in English or Secondary teaching field and the following courses:
    - COMM1100 Foundations of Public Speaking – 3 s.h.
    - EDUC3520 General Secondary Methods and Content Reading – 3 s.h.
    - ENGL1100 Composition I: Introduction to writing – 3 s.h.
    - ENGL2110 Composition II: Research Writing and Argumentation – 3 s.h.

ENGL2380 Our Bondage and Our Freedom: Literatures of the Americas, 1491-Present – 3 s.h.

ENGL2390 Modernity and Modern World: Survey of British Literature and Culture – 3 s.h.

ENGL3420 Language and Culture – 3 s.h.

Approved English Electives (ENGL prefix) – 12 s.h.

Courses Offered

COMM1100 Foundations of Public Speaking

EDUC3520 General Secondary Methods and Content Reading

ENGL1100 Composition I: Introduction to Writing

ENGL2110 Composition II: Research Writing and Argumentation

ENGL2380 Our Bondage and Our Freedom: Literature of the Americas, 1491-Present

ENGL2390 Modernity and the Modern World: Survey of British Literature and Culture

ENGL3370 The Methods of Teaching English

ENGL3420 Language and Culture

Course Descriptions

COMM1100 Foundations of Public Speaking - 3 s.h.

Foundations of Public Speaking focuses on practices in the speech processes of writing, delivery, listening, audience analysis, criticism, and performance of introductory, informative, persuasive, and mediated speeches. The course introduces foundations of academic research and provides students with the skillset to expand their critical thinking and speaking to meet the dynamic demands of public communication. The emphasis of the course is on learning through performance and application of communication principles and tools. ELO1B Communications, GE1B Foundational Skills-Writing and Communication.

EDUC3520 General Secondary Methods and Content Reading - 3 s.h.

Study of theory and research related to content area reading in the secondary school. Apply techniques for evaluating textbooks, assessing achievement, improving comprehension and critical thinking, enhancing study skills, and developing vocabulary. Prerequisite: Admittance into Teacher Education, unless part of an approved Liberal Studies Program, EDUC3590.

ENGL1100 Composition I: Introduction to Writing - 3 s.h.

This is a writing-intensive course preparing students to become stronger, more confident writers as they develop their writing process habits and their ability to think critically about arguments around them. Students can expect to produce, deliver, and analyze college-level, written texts in addition to learning about grammar-use in context with an emphasis on meaning within the editing process. ELO1A Communication, GE1A Foundational Skills-Writing and Communication.

ENGL2110 Composition II: Research Writing and Argumentation - 3 s.h.

This is a writing-intensive course that is meant to develop students' academic research processes. Students should expect to engage in work that is framed for "public" audiences outside of the classroom and to practice collaboration in research and writing processes. As the final course of the foundational communication skills sequence, students will be encouraged to use research processes to gain an awareness of topics and conversations happening in the larger social world. Prerequisite: ENGL1100 or HONR1010 with a grade of C or higher or a transfer grade of C or higher. ELO1B Communication, GE1C Foundational Skills-Writing and Communication.

ENGL2380 Our Bondage and Our Freedom: Literature of the Americas, 1491-Present - 3 s.h.

Survey of American Literature stretching from the advent of European colonization in the Western Hemisphere to the present. The course will pay special attention to the legacies of colonialism and slavery, the history of social movements for freedom and equality, the making (and unmaking) of U.S. national mythologies, the major formal transformations that have taken place in U.S. Literature, and the function of literature as an innovative and adaptive technology that expands human capacities. GE3C Liberal Learning-Humanities

ENGL2390 Modernity and the Modern World: Survey of British Literature and Culture - 3 s.h.

The course employs visual and literary texts to examine the various social, cultural, political, artistic, and philosophical movements from modernity to the present. By critically engaging with both colonial and postcolonial texts, the course

attempts to understand the ways in which the concepts like modernity, empire, coloniality, postcoloniality, and world-building intersect as well as shape our contemporary world. Considering the influence of modernity and the expanse of British empire, this course aims to enable students to understand their own lives as citizens of a world that has been shaped by these movements. GE3C Liberal Learning-Humanities

ENGL3370 The Methods of Teaching English - 3 s.h.
Presents an overview of the secondary school curriculum in English and methods of teaching English including language, composition, and literature. Special emphasis on a review of teaching grammar and the development of a unit lesson plan. Required of prospective English teachers. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program. +This course is only offered every other year.

ENGL3420 Language and Culture - 3 s.h.
An introduction to languaging and grammatical structures of the English language. Emphasizes the history and development of English in different cultural communities as a means to understand, rather than prescribe, how English-speakers use language. Students will engage with cultural interpretations of linguistics as a field of study to better understand the relationship between the evolution of languages and how that evolution plays a part in social justice issues. ELO5 Humanities - Innovation, GE3C Liberal Learning-Humanities.

Course List - English

Courses Offered

ENGL1100 Composition I: Introduction to Writing

ENGL1200 Environmental Justice

ENGL2110 Composition II: Research Writing and Argumentation

ENGL2240 Studies in Genres

ENGL2350 American Ethnic Literatures

ENGL2370 World Literature

ENGL2380 Our Bondage and Our Freedom: Literature of the Americas, 1491-Present

ENGL2390 Modernity and the Modern World: Survey of British Literature and Culture

ENGL2410 Creative Writing: Poetry

ENGL2420 Creative Writing: Fiction

ENGL2510 Introduction to Film

ENGL2540 Global Eco-Cinema

ENGL2600 Gender and Sexuality

ENGL2903 Topics in Literature

ENGL3000 Individual Study

ENGL3110 Critical Theory

ENGL3240 Literatures of Social Justice

ENGL3260 American Environmental Literature

ENGL3320 Creative Writing: Nonfiction

ENGL3370 The Methods of Teaching English

ENGL3420 Language and Culture

ENGL3480 Cultural Studies

ENGL3530 Digital Filmmaking

ENGL4000 Individual Study

ENGL4300 Internship in English

ENGL4400 Practicum in Information Services (also COMM4400)

ENGL4700 Senior Capstone

Course Descriptions

ENGL1100 Composition I: Introduction to Writing - 3 s.h.

This is a writing-intensive course preparing students to become stronger, more confident writers as they develop their writing process habits and their ability to think critically about arguments around them. Students can expect to produce, deliver, and analyze college-level, written texts in addition to learning about grammar-use in context with an emphasis on meaning within the editing process. ELO1A Communication, GE1A Foundational Skills-Writing and Communication.

ENGL1200 Environmental Justice - 3 s.h.

Who is most hurt by environmental degradation and abuse, and who benefits? This course will examine what contemporary literature from the United States and around the world has to say about environmental racism, ecofeminism, and settler colonialism. We'll also think about the social construction of nature, globalization, food justice, and urban ecological issues. Our guiding question is simple: What is the role of art in the struggle for social change? This course emphasizes critical thinking, historical and socio-political contexts, and diverse aesthetics. GE3C Liberal Learning-Humanities

ENGL2110 Composition II: Research Writing and Argumentation - 3 s.h.

This is a writing-intensive course that is meant to develop students' academic research processes. Students should expect to engage in work that is framed for "public" audiences outside of the classroom and to practice collaboration in research and writing processes. As the final course of the foundational communication skills sequence, students will be encouraged to use research processes to gain an awareness of topics and conversations happening in the larger social world. Prerequisite: ENGL1100 or HONR1010 with a grade of C or higher or a transfer grade of C or higher. ELO1B Communication, GE1C Foundational Skills-Writing and Communication.

ENGL2240 Studies in Genres - 3 s.h.

This course provides an in-depth exploration of genre as a critical concept in literature and other cultural forms. Students will familiarize themselves and analyze a range of genres—including prose, poetry, novel, short story, drama, documentary, and film—examining how they function as frameworks for storytelling, expression, and meaning-making. Employing both literary criticism and genre histories, the course will explore the historical development of genres, their conventions, and their transformation across different cultural contexts over time. Through primary texts, critical readings, and discussions, students will investigate the role and forms of

genre as well as engage in genre-blurring texts and their importance for both disciplinary and cross-disciplinary thinking. GE3C Liberal Learning-Humanities

ENGL2350 American Ethnic Literatures - 3 s.h.

A survey of multi-ethnic U.S. literature, including African American literature, Latino/a literature, Asian American literature, Native American literature, and American Jewish literature. As a complement to literary texts, students will also examine a range of introductory theoretical texts in the interdisciplinary field of ethnic studies. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. ++ This course is on a four-year cycle.

ENGL2370 World Literature - 3 s.h.

Examines literary works by authors from a broad range of artistic and cultural traditions. Designed to offer students an introduction to literature as a point of access into global communities such as Western European, Middle Eastern, African, Asian, Indigenous, and Latinx. ELO5 Humanities - World Citizenship, ELO5 Humanities - Sustainability. +This course is only offered every other year.

ENGL2380 Our Bondage and Our Freedom: Literature of the Americas, 1491-Present - 3 s.h.

Survey of American Literature stretching from the advent of European colonization in the Western Hemisphere to the present. The course will pay special attention to the legacies of colonialism and slavery, the history of social movements for freedom and equality, the making (and unmaking) of U.S. national mythologies, the major formal transformations that have taken place in U.S. Literature, and the function of literature as an innovative and adaptive technology that expands human capacities. GE3C Liberal Learning-Humanities

ENGL2390 Modernity and the Modern World: Survey of British Literature and Culture - 3 s.h.

The course employs visual and literary texts to examine the various social, cultural, political, artistic, and philosophical movements from modernity to the present. By critically engaging with both colonial and postcolonial texts, the course attempts to understand the ways in which the concepts like modernity, empire, coloniality, postcoloniality, and world-building intersect as well as shape our contemporary world. Considering the influence of modernity and the expanse of British empire, this course aims to enable students to understand their own lives as citizens of a world that has been shaped by these movements. GE3C Liberal Learning-Humanities

ENGL2410 Creative Writing: Poetry - 3 s.h.
Study of poetry writing through the lens of sustainability. Investigates the maintenance of various systems that meet human needs (e.g. emotional, physical, social, environmental) through extensive poetry writing and class discussion. Emphasis on poetry as a means of self-discovery as well as an art form. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL2420 Creative Writing: Fiction - 3 s.h.
Study of fiction writing through the lens of sustainability. Investigates the maintenance of various systems that meet human needs (e.g. emotional, physical, social, environmental) through extensive fiction writing and class discussion. Emphasis on fiction as a means of self-discovery as well as an art form. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL2510 Introduction to Film - 3 s.h.
Study of cinema as an artistic endeavor, form of rhetoric, cultural mirror, and purveyor of ideology. Introduces the fundamentals of the discipline, to include vocabulary, concepts of film production, film reception, film analysis, film interpretation, and film criticism. Exploration of the artistic, commercial, entertainment, and ideological relationships between cinema and American culture, along with practice in the film literacy skills needed to qualitatively assess and communicate cinema's artistic and cultural contributions. ELO5 Humanities - Innovation.

ENGL2540 Global Eco-Cinema - 3 s.h.
A transnational survey of films that deal with environmental issues and, more broadly, with human relationships to the nonhuman world. An examination of the impact of urbanization on rural communities, the mysterious allure of wild and uncultivated landscapes, the threat of climate change to daily life around the world, and the cinematic representation of environmental apocalypse. Explores different genres and styles, including neo-realism, eco-horror, anime, and avant-garde cinema. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL2600 Gender and Sexuality - 3 s.h.
An exploration of issues of gender and sexuality in literature, with a focus on fiction, drama, and poetry by women and LGBT+ writers. As a complement to literary texts, students will also examine a range of introductory theoretical texts in the

interdisciplinary field of gender and sexuality studies. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. ++ This course is on a four-year cycle.

ENGL2903 Topics in Literature - 3 s.h.

Special studies in Literature designed primarily for the non-English major. Content may vary and will be announced at time of offering. When content changes, course may be repeated for credit. GE3C Liberal Learning-Humanities

ENGL3000 Individual Study - 1-3 s.h.

ENGL3110 Critical Theory - 3 s.h.

Advanced study of literary, cultural, and moving image theory, and the application to written and filmic texts. GE3C Liberal Learning-Humanities +This course is only offered every other year.

ENGL3240 Literatures of Social Justice - 3 s.h.

An investigation of the role of literature as a vehicle for social change. With a focus on the literatures of emancipatory social movements, this global survey course includes a range of modern authors who merged the personal with the political. Students examine how literature and narrative forms of storytelling function as a means of engaging ethical and social concerns, and eliciting emotions in readers-from rage and defiance to observation and understanding-that might serve to promote social justice. ELO5 Humanities - Peace, ELO5 Humanities - Equality and Peace +This course is only offered every other year.

ENGL3260 American Environmental Literature - 3 s.h.

What makes a work of literature "environmental"? How have humans thought about nature throughout history, and how does that intellectual and artistic history affect us today? Can works of literature help humans prevent environmental catastrophes like climate change and species extinction? We'll seek answers to these questions as we engage with fiction, nonfiction, drama, and poetry. We'll discuss the ways that literary and cultural forms can shape who we are, what we value, and what we imagine for the future. We'll also work to build your skills of critical reading, analytical thinking and persuasive writing, skills that will serve you in the future, in whatever environment you inhabit. ELO5 Humanities - Sustainability.

ENGL3320 Creative Writing: Nonfiction - 3 s.h.

Study of nonfiction writing through the lens of sustainability. Investigates the maintenance of various systems that meet human needs (e.g. emotional, physical, social, environmental) through extensive nonfiction writing and class discussion. Emphasis on nonfiction as a means of self-discovery as well as an art form. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities.

ENGL3370 The Methods of Teaching English - 3 s.h.

Presents an overview of the secondary school curriculum in English and methods of teaching English including language, composition, and literature. Special emphasis on a review of teaching grammar and the development of a unit lesson plan. Required of prospective English teachers. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program. +This course is only offered every other year.

ENGL3420 Language and Culture - 3 s.h.

An introduction to languaging and grammatical structures of the English language. Emphasizes the history and development of English in different cultural communities as a means to understand, rather than prescribe, how English-speakers use language. Students will engage with cultural interpretations of linguistics as a field of study to better understand the relationship between the evolution of languages and how that evolution plays a part in social justice issues. ELO5 Humanities - Innovation, GE3C Liberal Learning-Humanities.

ENGL3480 Cultural Studies - 3 s.h.

Explores cultural systems of meaning and attendant issues of power, particularly in terms of class, gender, nation, race, nature, and sexuality. Emphasis on commercial and media culture. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL3530 Digital Filmmaking - 3 s.h.

A hands-on introduction to digital film production and editing. Introduces the technical knowledge need to investigate the creative possibilities of composition, light, motion, color and sound in shooting digital film. Examines the fundamentals of nonlinear editing, including continuity development, logging clips, audio tracks, and transitions. Additional fee required. Prerequisites: ENGL2510 or instructor consent. +This course is only offered every other year.

ENGL4000 Individual Study - 1-3 s.h.

ENGL4300 Internship in English - 1-3 s.h.

Off-campus practical experience in a communication related professional setting. Offers an opportunity for application of communication skills and knowledge in monitored individual learning setting related to student's academic and career interests. Pass/Fail only. Prerequisite: Permission of instructor. Repeatable to a maximum of six hours.

ENGL4400 Practicum in Information Services (also COMM4400) - 1-3 s.h.

On-campus practical experience in college relations office, admissions office, media center or alumni relations office. Offers an opportunity for study in a monitored individual learning setting. Pass/fail only. Prerequisite: Permission of instructor and permission of the appropriate college official. Repeatable to a maximum of six hours.

ENGL4700 Senior Capstone - 3 s.h.

Planning, preparing, and presenting a senior project in the student's area of concentration, with support from a faculty mentor.

BA Degree - Finance Major

Graceland's C.H. Sandage School of Business offers a Bachelor of Arts degree with a Finance major.



BA Degree — Finance Major

In addition to the general education requirements, majors in Finance must complete a **concentration of 36 semester hours** in Accounting, Business, and Economics including:

- ACCT2310 Financial Accounting – 3 s.h.
- BUAD2380 Principles of Business Finance – 3 s.h.
- BUAD3120 Financial Statement Analysis – 3 s.h.
- BUAD3130 Investment Analysis – 3 s.h.
- BUAD3370 Corporate Finance and Financial Modeling – 3 s.h.

BUAD4190 Innovations in Finance – 3 s.h.

BUAD4240 Derivative Securities and Fixed Income – 3 s.h.

BUAD4950 Senior Seminar-Design Thinking for Strategic Innovation – 3 s.h.

ECON1320 Principles of Microeconomics – 3 s.h.

ECON2100 Introductory Economic Data Analysis – 3 s.h.

ECON3200 Public Finance – 3 s.h.

ECON3320 Money and Banking – 3 s.h.

Courses Required for General Education:

ECON1300 Principles of Macroeconomics – 3 s.h.

MATH1280 College Algebra – 3 s.h.

MATH1370 Statistics for Sciences – 3 s.h.

Strongly Recommended:

BUAD3420 International Finance – 3 s.h.

BUAD3900F Topic-Behavioral Finance – 3 s.h.

BUAD4120 Internship in Finance – 3 s.h.

BUAD4411 Strategic Sales Management – 3 s.h.

ECON4430 Managerial Economics – 3 s.h.

Membership and Active Participation in Investment Club

Courses Offered

ACCT2310 Financial Accounting

BUAD2380 Principles of Business Finance

BUAD3120 Financial Statement Analysis

BUAD3130 Investment Analysis (also ECON3130)

BUAD3370 Corporate Finance and Financial Modeling

BUAD3420 International Finance

BUAD3900F Topic – Behavioral Finance

BUAD4120 Internship in Finance

BUAD4190 Innovations in Finance

BUAD4240 Derivative Securities and Fixed Income

BUAD4411 Strategic Sales Management

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation

ECON1300 Principles of Macroeconomics

ECON1320 Principles of Microeconomics

ECON2100 Introductory Economic Data Analysis

ECON3130 Investment Analysis (also BUAD3130)

ECON3200 Public Finance

ECON3320 Money and Banking

ECON4430 Managerial Economics

MATH1280 College Algebra

MATH1370 Statistics for Sciences

Course Descriptions

ACCT2310 Financial Accounting - 3 s.h.

An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

BUAD2380 Principles of Business Finance - 3 s.h.

A study of principles and problems basic to a business firm's decisions in planning for and managing financial resources for the purpose of maximizing the value of these resources. Prerequisites: ECON1320.

BUAD3120 Financial Statement Analysis - 3 s.h.

A focus on the development of skills in evaluating company performance and risk through the analysis of financial reports. Students use data analytics tools to apply industry standard curriculum concepts, including earnings quality, ratio analysis,

forecasting, and cash flow evaluation, and to generate insights for investment, credit, and valuation decisions, while comparing GAAP and IFRS. Prerequisite: ACCT2310

BUAD3130 Investment Analysis (also ECON3130) - 3 s.h.

A study of the fundamental principles underlying the analysis of investments. Prerequisites: ACCT2320, BUAD3120, BUAD2380, and ECON1320. +This course is only offered every other year.

BUAD3370 Corporate Finance and Financial Modeling - 3 s.h.

An introduction to the fundamental issues of modern finance facing firms, including investment and financing decisions, interactions with capital markets, financial analysis, and business forecasting. Topics are taught with a focus on a code of ethics and professional standards guided by industry best practices.

BUAD3420 International Finance - 3 s.h.

An examination of the financial techniques utilized in global organizations and the international financial markets with which they interact. A focus is placed on how financial leaders can make ethically grounded decisions, while navigating the strategic and financial challenges facing global businesses today. +This course is only offered every other year.

BUAD3900F Topic – Behavioral Finance - 3 s.h.

An examination of how psychology and biases drive investor behavior, market sentiment, and corporate decisions. Integrating Nobel Prize-winning research with AI-driven analysis and fintech trends, students apply data projects and case studies to digital assets and trading strategies. Emphasis is on behavioral insights, professional standards, and innovation in global finance. Students are strongly recommended to complete ECON2100 prior to enrolling in this course.

BUAD4120 Internship in Finance - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of finance. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/ Fail basis.) Prerequisite: Instructor’s consent.

BUAD4190 Innovations in Finance - 3 s.h.

An exploration of new technologies that are disrupting the financial services industry, including artificial intelligence, deep learning, blockchain technology and open APIs. Includes an

examination of fintech start-ups that are driving change in business models, products, applications and customer user interface.

BUAD4240 Derivative Securities and Fixed Income - 3 s.h.

An examination of derivative securities, including options, futures, forwards, and swaps, and fixed-income instruments, such as bonds and mortgage-backed securities. Topics include valuation, yield curves, duration, credit risk, and hedging, with an application of quantitative analytics and real company data to evaluate strategies within the professional code of ethics. Prerequisite: BUAD3130

BUAD4411 Strategic Sales Management - 3 s.h.

The Strategic Sales Management course emphasizes the strategic leadership aspects of sales and revenue generation. It includes sales forecasting, customer relationship management, sales team management, and negotiation strategies. Students learn to align sales efforts with overall business objectives, maximizing revenue while maintaining strong customer relationships.

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation - 3 s.h.

This is the capstone course for Business Management, Marketing, and Agricultural Business Majors. The Senior Seminar in Design Thinking for Strategic Innovation is structured with a rigorous approach, emphasizing practical application and critical analysis of design thinking principles to solve real-world strategic challenges. Students engage in advanced problem-solving frameworks, including empathy-driven research, ideation, prototyping, and iterative testing, requiring them to think innovatively and strategically. Throughout the course, they apply design thinking methodologies to complex business scenarios, work on team-based projects, and receive continuous feedback to refine their solutions. The course rigor is reflected in its demand for creativity, strategic foresight, and the ability to navigate ambiguity, preparing students to lead innovation within dynamic business environments. Prerequisites: BUAD2380, BUAD3320, BUAD3330, and MATH1360.

ECON1300 Principles of Macroeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, national income, international trade and finance, fiscal policy, monetary policy, money, and banking. Prerequisite: 1 year high school algebra; geometry recommended. ELO5 Social Science - World Citizenship, ELO5 Social Science - Innovation

ECON1320 Principles of Microeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

ECON2100 Introductory Economic Data Analysis - 3 s.h.

An introduction to economic data and statistical techniques commonly applied in business settings. Topics include understanding the basics of data interpretation, manipulation, and visualization. Students will learn how to carry out and interpret basic linear regression and other methods of statistical analysis in Excel.

ECON3130 Investment Analysis (also BUAD3130) - 3 s.h.

A study of the fundamental principles underlying the analysis of investments. Prerequisites: ACCT2320, BUAD3120, BUAD2380, and ECON1320. +This course is only offered every other year.

ECON3200 Public Finance - 3 s.h.

An examination of the taxation policies and expenditure programs of the public sector. Related topics include public goods, income distribution, and public choice theory. Prerequisite: ECON1320. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace. Offered odd years Spring. +This course is only offered every other year.

ECON3320 Money and Banking - 3 s.h.

A study of monetary institutions, monetary theory and policy implications, and the principles of our banking system. Prerequisite: ECON1320. +This course is only offered every other year.

ECON4430 Managerial Economics - 3 s.h.

Managerial Economics is a course that explores applying economic theories and methodologies to solve business problems and make informed leadership decisions. It focuses on analyzing economic data, understanding market structures, forecasting demand and supply, and evaluating various business strategies in different economic environments.

MATH1280 College Algebra - 3 s.h.

Solutions of polynomial, rational and radical equations, systems of equations, matrices, sequences, series, functions, exponentials.. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1370 Statistics for Sciences - 3 s.h.

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

Finance Minor

Minor in Finance (18 s.h.)

- ACCT2310 Financial Accounting – 3 s.h.
- ACCT2320 Managerial Accounting – 3 s.h.
- BUAD1400 Personal Finance – 3 s.h.
- BUAD2380 Principles of Business Finance – 3 s.h.
- BUAD3130 Investment Analysis – 3 s.h.
- ECON3200 Public Finance – 3 s.h.

Courses Offered

ACCT2310 Financial Accounting

ACCT2320 Managerial Accounting

BUAD1400 Personal Finance

BUAD2380 Principles of Business Finance

BUAD3130 Investment Analysis (also ECON3130)

ECON3130 Investment Analysis (also BUAD3130)

ECON3200 Public Finance

Course Descriptions

ACCT2310 Financial Accounting - 3 s.h.
An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

ACCT2320 Managerial Accounting - 3 s.h.
The selection and analysis of accounting information for internal use by management. Prerequisite: ACCT2310.

BUAD1400 Personal Finance - 3 s.h.
An overview of personal financial management, including investment, taxation, insurance and credit.

BUAD2380 Principles of Business Finance - 3 s.h.
A study of principles and problems basic to a business firm's decisions in planning for and managing financial resources for the purpose of maximizing the value of these resources. Prerequisites: ECON1320.

BUAD3130 Investment Analysis (also ECON3130) - 3 s.h.
A study of the fundamental principles underlying the analysis of investments. Prerequisites: ACCT2320, BUAD3120, BUAD2380, and ECON1320. +This course is only offered every other year.

ECON3130 Investment Analysis (also BUAD3130) - 3 s.h.
A study of the fundamental principles underlying the analysis of investments. Prerequisites: ACCT2320, BUAD3120, BUAD2380, and ECON1320. +This course is only offered every other year.

ECON3200 Public Finance - 3 s.h.
An examination of the taxation policies and expenditure programs of the public sector. Related topics include public goods, income distribution, and public choice theory. Prerequisite: ECON1320. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace. Offered odd years Spring. +This course is only offered every other year.

Economics Minor

Minor in Economics (18 s.h.)

- ECON1300 Principles of Macroeconomics – 3 s.h.
- ECON1320 Principles of Microeconomics – 3 s.h.
- ECON2100 Introductory Economic Data Analysis – 3 s.h.
- ECON3200 Public Finance – 3 s.h.
- ECON3220 Economics of Sports – 3 s.h.
- ECON3320 Money and Banking – 3 s.h.

Courses Offered

ECON1300 Principles of Macroeconomics

ECON1320 Principles of Microeconomics

ECON2100 Introductory Economic Data Analysis

ECON3200 Public Finance

ECON3220 Economics of Sports

ECON3320 Money and Banking

Course Descriptions

ECON1300 Principles of Macroeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, national income, international trade and finance, fiscal policy, monetary policy, money, and banking. Prerequisite: 1 year high school algebra; geometry recommended. ELO5 Social Science - World Citizenship, ELO5 Social Science - Innovation

ECON1320 Principles of Microeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

ECON2100 Introductory Economic Data Analysis - 3 s.h.

An introduction to economic data and statistical techniques commonly applied in business settings. Topics include understanding the basics of data interpretation, manipulation, and visualization. Students will learn how to carry out and interpret basic linear regression and other methods of statistical analysis in Excel.

ECON3200 Public Finance - 3 s.h.

An examination of the taxation policies and expenditure programs of the public sector. Related topics include public goods, income distribution, and public choice theory. Prerequisite: ECON1320. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace. Offered odd years Spring. +This course is only offered every other year.

ECON3220 Economics of Sports - 3 s.h.

An application of economic theory to the business of sports. Areas include labor economics, public finance, and the theory of the firm. Prerequisite: ECON1320 and either two MATH courses or MATH1360.

ECON3320 Money and Banking - 3 s.h.

A study of monetary institutions, monetary theory and policy implications, and the principles of our banking system. Prerequisite: ECON1320. +This course is only offered every other year.

Course list - Business Administration

Courses Offered

BUAD1100 Introduction to Business

BUAD1400 Personal Finance

BUAD2000 Individual Study

BUAD2320 Principles of Management

BUAD2350 Free Market Practicum

BUAD2380 Principles of Business Finance

BUAD3000 Individual Study

BUAD3120 Financial Statement Analysis

BUAD3130 Investment Analysis (also ECON3130)

BUAD3200 Business Ethics

BUAD3210 Social Media Marketing

BUAD3230 Introduction to Change Management

BUAD3240 Marketing Research and Analytics

BUAD3350 Free Market Practicum

BUAD3360 Entrepreneurial Leadership

BUAD3370 Corporate Finance and Financial Modeling

BUAD3400 Small Business Ventures and Entrepreneurship

BUAD3420 International Finance

BUAD3430 Digital Marketing Foundations and Strategy

BUAD3490 Human Resource Management

BUAD3650 Business Connections

BUAD3800 Methods of Teaching Business

BUAD4000 Individual Study

BUAD4110 Internship in Entrepreneurship

BUAD4120 Internship in Finance

BUAD4130 Internship in International Business

BUAD4140 Internship in Management

BUAD4150 Internship in Marketing

BUAD4170 Internship in Human Resource Management

BUAD4180 Internship in Social Media Marketing

BUAD4190 Innovations in Finance

BUAD4220 Seminar in Accounting and Finance

BUAD4240 Derivative Securities and Fixed Income

BUAD4320 Strategic Brand Management

BUAD4410 Operations and Supply Chain Management

BUAD4411 Strategic Sales Management

BUAD4450 Integrated Marketing Communication

BUAD4480 International Marketing & Advertising

BUAD4700 Internship in Business Administration

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation

Course Descriptions

BUAD1100 Introduction to Business - 3 s.h.

Introduction to Business is designed to expose students to the many functions of modern business including topics such as management, finance accounting, marketing, production, computers, international business, small business, investments and other areas of general business interest.

BUAD1400 Personal Finance - 3 s.h.

An overview of personal financial management, including investment, taxation, insurance and credit.

BUAD2000 Individual Study - 1-3 s.h.

BUAD2320 Principles of Management - 3 s.h.

Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing.

BUAD2350 Free Market Practicum - 0-2 s.h.

An experiential course in which students develop and conduct outreach programs to teach and promote free enterprise to various publics. Students will develop greater understanding of and appreciation for the concept of freedom as it applies to the marketplace. May be repeated, although only 4 s.h. may be counted toward any graduation requirement.

BUAD2380 Principles of Business Finance - 3 s.h.

A study of principles and problems basic to a business firm's decisions in planning for and managing financial resources for the purpose of maximizing the value of these resources. Prerequisites: ECON1320.

BUAD3000 Individual Study - 1-3 s.h.

BUAD3120 Financial Statement Analysis - 3 s.h.

A focus on the development of skills in evaluating company performance and risk through the analysis of financial reports. Students use data analytics tools to apply industry standard curriculum concepts, including earnings quality, ratio analysis, forecasting, and cash flow evaluation, and to generate insights for investment, credit, and valuation decisions, while comparing GAAP and IFRS. Prerequisite: ACCT2310

BUAD3130 Investment Analysis (also ECON3130) - 3 s.h.

A study of the fundamental principles underlying the analysis of investments. Prerequisites: ACCT2320, BUAD3120, BUAD2380, and ECON1320. +This course is only offered every other year.

BUAD3200 Business Ethics - 3 s.h.

An introduction to various ethical theories and their application to business situations. Students should gain greater awareness of ethical dilemmas as they occur, examine their own morals and their implications in various business settings, and become acquainted with some of the philosophical background of ethics.

BUAD3210 Social Media Marketing - 3 s.h.

This course provides a comprehensive overview, with hands-on experience, of Social Media Marketing. The most basic objectives of the course are to provide students with a broad introduction to social media marketing concepts and techniques using the latest online tools combined with practical "real world" application. There will be an emphasis on strategic use of tools, effective design and contemporary marketing techniques. Students will build and maintain real world marketing campaigns.

BUAD3230 Introduction to Change Management - 3 s.h.

This course is a fundamental exploration into the dynamic field of organizational change. This course gives students a comprehensive understanding of the theories, methodologies, and best practices (change, AI, machine learning) IoT (Internet of Things) and modern innovations) essential for managing organizational change. Participants delve into case studies, practical applications, and interactive discussions, gaining insights into the complexities of change and the strategies to navigate them successfully.

BUAD3240 Marketing Research and Analytics - 3 s.h.

A focus on the practice of studying and managing marketing metrics data in order to enhance decision making for marketing efforts including calls-to-action (CTAs), blog posts, channel performance, and thought leadership pieces, and to identify opportunities for improvement and maximize marketing outcomes. Students will learn how marketing analytics professionals serve as liaisons between those who make marketing decisions and those who work with the data.

BUAD3350 Free Market Practicum - 0-2 s.h.

An experiential course in which students develop and conduct outreach programs to teach and promote free enterprise to various publics. Students will develop greater understanding of and appreciation for the concept of freedom as it applies to the marketplace. May be repeated, although only 4 s.h. may be counted toward any graduation requirement.

BUAD3360 Entrepreneurial Leadership - 3 s.h.

Emphasis is placed on: learning skills for taking risks and thriving in a changing environment; discovering individual passion; learning about the system in which we exist; and becoming action oriented. In addition to being academically challenging, this course will also be physically challenging due to the service projects, team-building and risk-taking activities. Prerequisites: BUAD3350 and instructor's consent.

BUAD3370 Corporate Finance and Financial Modeling - 3 s.h.

An introduction to the fundamental issues of modern finance facing firms, including investment and financing decisions, interactions with capital markets, financial analysis, and business forecasting. Topics are taught with a focus on a code of ethics and professional standards guided by industry best practices.

BUAD3400 Small Business Ventures and Entrepreneurship - 3 s.h.

Provides an opportunity to develop a business plan for a new venture or expansion of an existing company. Students are expected to acquire skills in evaluating business ventures, learn alternative financing sources, develop ideas for differentiating products, and to develop an understanding of what is required to harvest the profits in a growing business. Prerequisites: ACCT2320 and ECON1320. +This course is only offered every other year.

BUAD3420 International Finance - 3 s.h.

An examination of the financial techniques utilized in global organizations and the international financial markets with which they interact. A focus is placed on how financial leaders can make ethically grounded decisions, while navigating the strategic and financial challenges facing global businesses today. +This course is only offered every other year.

BUAD3430 Digital Marketing Foundations and Strategy - 3 s.h.

This course introduces students to the fundamental concepts, tools, and strategies of digital marketing in today's technology-driven business environment. Students will explore core topics such as website optimization, search engine marketing (SEM/SEO), social media, email campaigns, mobile platforms, content creation, and data analytics. Emphasis is placed on developing a strategic mindset-integrating digital channels into cohesive marketing plans, aligning tactics with organizational goals, and leveraging analytics to measure performance and refine decision-making. By the end of the course, students will gain both a theoretical foundation and practical skills to design, implement, and evaluate digital marketing strategies across diverse industries and audiences.

BUAD3490 Human Resource Management - 3 s.h.

A comprehensive review of essential personnel management concepts, laws, controversies, and techniques for success currently being used in business. Offered for online Organizational Leadership major only. +This course is only offered every other year.

BUAD3650 Business Connections - 3 s.h.

A project-based course in which students connect content from one of the certificate program's Business Administration courses with a course in their major. If the student's major is in the School of Business, the project will connect one of the certificate courses with a liberal arts course they are taking concurrently. For non-degree seeking students, the project will connect one of their certificate courses with a life experience or previously completed liberal arts course. Wherever appropriate, the topic must be approved by the instructors of both courses being linked in the project. Prerequisite: Instructor's consent.

BUAD3800 Methods of Teaching Business - 3 s.h.

A study of standards, objectives, and curriculum of business in the secondary school. Emphasis on instructional strategies, methods, materials/resources, and techniques of evaluation embedded within the business classroom. Prerequisites: 20 s.h. of business coursework listed above and admittance into the Teacher Education Program, unless part of an approved Interdisciplinary Studies Program.

BUAD4000 Individual Study - 1-3 s.h.

BUAD4110 Internship in Entrepreneurship - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of entrepreneurship. The student will play an active role in identifying potential field sponsors. (Graded on a Pass/Fail basis.) Prerequisite: Instructor’s consent.

BUAD4120 Internship in Finance - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of finance. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/ Fail basis.) Prerequisite: Instructor’s consent.

BUAD4130 Internship in International Business - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of international business. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor’s consent.

BUAD4140 Internship in Management - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of management. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BUAD4150 Internship in Marketing - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of marketing. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/ Fail basis.) Prerequisite: Instructor's consent.

BUAD4170 Internship in Human Resource Management - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of human resource management. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BUAD4180 Internship in Social Media Marketing - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of social media marketing. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BUAD4190 Innovations in Finance - 3 s.h.

An exploration of new technologies that are disrupting the financial services industry, including artificial intelligence, deep learning, blockchain technology and open APIs. Includes an examination of fintech start-ups that are driving change in business models, products, applications and customer user interface.

BUAD4220 Seminar in Accounting and Finance - 3 s.h.

A comprehensive capstone course for students majoring in Finance that integrates material from previous courses taken in the major and explores a wide range of finance-related topics, including the ethical issues affecting the current financial environment of business firms. Pre-requisites: BUAD3370, BUAD3380.

BUAD4240 Derivative Securities and Fixed Income - 3 s.h.

An examination of derivative securities, including options, futures, forwards, and swaps, and fixed-income instruments, such as bonds and mortgage-backed securities. Topics include valuation, yield curves, duration, credit risk, and hedging, with an application of quantitative analytics and real company data to evaluate strategies within the professional code of ethics. Prerequisite: BUAD3130

BUAD4320 Strategic Brand Management - 3 s.h.

The course is aimed at both students focusing on brand management as it relates to a career and those intellectually curious about branding. Brand management is transforming, and the course tackles various aspects of brand management and the shifting roles of brand managers. The critical learning for this course is framed around four questions: 1. How are these concepts relevant to the real world? 2. How do we know that this is true? 3. Do we have any evidence that this phenomenon exists or is true? 4. How can the frameworks proposed here be helpful to practicing decision-making? This course is designed to provide students with an applied understanding of Strategic Brand Management: 1) brands, brand architecture, and brand management, 2) developing a brand strategy, 3) designing and implementing brand marketing programs, 4) measuring and interpreting brand performance, and 5) growing and sustaining brand equity. Prerequisites: BUAD2330 Principles of Marketing or SPMT330 Sport Marketing.

BUAD4410 Operations and Supply Chain Management - 3 s.h.

The planning, organizing, staffing, directing and controlling of all the activities of production systems. Prerequisites: MATH1360. Offered Fall odd years. +This course is only offered every other year.

BUAD4411 Strategic Sales Management - 3 s.h.

The Strategic Sales Management course emphasizes the strategic leadership aspects of sales and revenue generation. It includes sales forecasting, customer relationship management, sales team management, and negotiation strategies. Students learn to align sales efforts with overall business objectives, maximizing revenue while maintaining strong customer relationships.

BUAD4450 Integrated Marketing Communication - 3 s.h.

This course stands as a pivotal cornerstone in the realm of modern marketing strategies, which every marketing student must understand and know its applied science. This comprehensive course examines various marketing channels,

emphasizing the harmonious and balanced integration of advertising, public relations, digital marketing, and brand communication. Students are challenged with a rich learning experience, exploring the synergistic relationship between different communication platforms and their collective impact on building strong, cohesive brand narratives. Prerequisite: BUAD4320

BUAD4480 International Marketing & Advertising - 3 s.h.

The aim of the course is to give the students a deeper understanding of marketing on a global basis. The students examine the international similarities and differences in marketing functions as related to the cultural, economic, political, social, and physical dimensions of the environment. This course is designed to provide students with an applied understanding of international marketing activities based on real-life examples.

BUAD4700 Internship in Business Administration - 1-3 s.h.

nternship that allows students to work with professionals in a business setting. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation - 3 s.h.

This is the capstone course for Business Management, Marketing, and Agricultural Business Majors. The Senior Seminar in Design Thinking for Strategic Innovation is structured with a rigorous approach, emphasizing practical application and critical analysis of design thinking principles to solve real-world strategic challenges. Students engage in advanced problem-solving frameworks, including empathy-driven research, ideation, prototyping, and iterative testing, requiring them to think innovatively and strategically. Throughout the course, they apply design thinking methodologies to complex business scenarios, work on team-based projects, and receive continuous feedback to refine their solutions. The course rigor is reflected in its demand for creativity, strategic foresight, and the ability to navigate ambiguity, preparing students to lead innovation within dynamic business environments. Prerequisites: BUAD2380, BUAD3320, BUAD3330, and MATH1360.

Forensic Psychology Major



BA Degree — Forensic Psychology Major

In addition to the general education requirements, majors in Forensic Psychology must complete 27 semester hours of core requirements and one 9 semester hour concentration (Criminal Justice or Psychology) totaling 36 or more semester hour as listed below. Students in this major must maintain a 3.00 cumulative GPA and 3.50 GPA in the major courses in order to remain in the major. Students GPAs will be monitored each semester and those who fall below the 3.50 GPA requirement will be granted a probationary period of one semester to re-instate back into the major. Those students who fall below that threshold after a one-semester probationary period will be allowed to transition into a Psychology or Criminal Justice major.

Core courses (27 s.h.)

CRMJ1200 Introduction to Criminal Justice – 3 s.h.

CRMJ/PSYC1400 Introduction to Forensic Psychology – 3 s.h.

CRMJ2460 Multicultural Policing or PSYC3370 Cross Cultural Psychology – 3 s.h.

CRMJ3420 Drugs in Society – 3.sh.

CRMJ/POLS3500 Criminal Law – 3 s.h.

PSYC1300 Introductory Psychology – 3 s.h.

PSYC3380 Abnormal Psychology – 3 s.h.

PSYC3510 Research Methods – 3 s.h.

PSYC3520 Research Methods Two – 3 s.h.

One Concentration Required: Criminal Justice or Psychology

Criminal Justice Concentration (9 s.h.)

CRMJ/HIST2100 History of Terrorism – 3 s.h.

CRMJ3100 Law and the Justice System – 3 s.h.

CRMJ3220 Criminal Investigation – 3 s.h.

CRMJ3240 Terrorism and Homeland Security – 3 s.h.

CRMJ3351 Community-Based Corrections – 3 s.h.

CRMJ3520 Juvenile Delinquency and Juvenile Justice – 3 s.h.

CRMJ4700 Criminal Justice Internship – 3 s.h.

Psychology Concentration (9 s.h.)

PSYC2250 Developmental Psychology – 3 s.h.

PSYC3310 Social Psychology – 3 s.h.

PSYC3330 Behavioral Neuroscience – 3 s.h.

PSYC3340 Personality – 3 s.h.

PSYC3390 Cognitive Psychology – 3 s.h.

PSYC4430 Theory and Practice of Counseling – 3 s.h.

PSYC4360 Senior Internship – 3 s.h.

Courses Strongly Recommended for General Education

CHEM1340 Forensic Chemistry with Lab – 4 s.h.

MATH1370 Statistics for Sciences – 3 s.h.

Courses Offered

CHEM1340 Forensic Chemistry with Lab

CRMJ1200 Introduction to Criminal Justice

CRMJ1400 Introduction to Forensic Psychology (also PSYC1400)

CRMJ2100 History of Terrorism (also HIST2100)

CRMJ2460 Multicultural Policing

CRMJ3100 Law and the Justice System

CRMJ3220 Criminal Investigation

CRMJ3240 Terrorism and Homeland Security

CRMJ3351 Community-Based Corrections

CRMJ3420 Drugs in Society

CRMJ3500 Criminal Law (also POLS3500)

CRMJ3520 Juvenile Delinquency and Juvenile Justice

CRMJ4700 Criminal Justice Internship

HIST2100 History of Terrorism (also CRMJ2100)

MATH1370 Statistics for Sciences

POLS3500 Criminal Law (also CRMJ3500)

PSYC1300 Introductory Psychology

PSYC1400 Introduction to Forensic Psychology (also CRMJ1400)

PSYC2250 Developmental Psychology

PSYC3310 Social Psychology

PSYC3330 Behavioral Neuroscience

PSYC3340 Personality

PSYC3370 Cross Cultural Psychology

PSYC3380 Abnormal Psychology

PSYC3390 Cognitive Psychology

PSYC3510 Research Methods

PSYC3520 Research Methods Two

PSYC4360 Senior Internship

PSYC4430 Theory and Practice of Counseling

Course Descriptions

CHEM1340 Forensic Chemistry with Lab - 4 s.h.

This course will expose students to the field of forensic science primarily using chemical forensics and testing. Topics include evidence collection and preservation, drugs and drug chemistry, heat and explosions, poisons and others. The course will cover basic chemical concepts needed to plan, execute, and interpret forensic results. All necessary scientific concepts will be developed in the context of forensic science. Additional fee required. ELO6 Science - World Citizenship, ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences

CRMJ1200 Introduction to Criminal Justice - 3 s.h.

A survey of the structure and process of the criminal justice system, including the study of law enforcement, criminal courts, and correctional agencies. ELO5 Social Science - Peace, ELO5 Social Science - Equality and Peace

CRMJ1400 Introduction to Forensic Psychology (also PSYC1400) - 3 s.h.

Explores the differing, yet varied facets of the field of forensic psychology including landmark legal cases relevant to psychology, potential careers in forensic psychology, police psychology, expert testimony, forensic psychological assessment, psychopathy, homeland security, ethics, correctional psychology, and issues in working in the juvenile justice system.

CRMJ2100 History of Terrorism (also HIST2100) - 3 s.h.

A survey of the concept of terrorism, from the French Revolution to present day. Students will critically interrogate the varied meanings of the term, the use of the term to delegitimize opponents, and the problematic nature of the concept of terrorism.

CRMJ2460 Multicultural Policing - 3 s.h.

This course focuses on the challenges present in policing multicultural settings. Issues pertaining to understanding diverse cultures and effective communication across cultures

from the standpoint of law enforcement are explored in detail. Recommended prerequisite: CRMJ1200.

CRMJ3100 Law and the Justice System - 3 s.h.

An overview of Constitutional law that impacts the American justice system from arrest through trial, punishment to release. Key legal cases and precedents for policing, prosecution, sentencing, and corrections will be covered in depth. Prerequisite: CRMJ2400.

CRMJ3220 Criminal Investigation - 3 s.h.

This course is a comprehensive approach to the examination and treatment of physical evidence as it relates to the criminal justice system. Students will be involved in an interactive learning experience tied to the securing and preserving of crime scenes and maintaining the integrity of trace evidence for future court proceedings. Prerequisite: CRMJ1200.

CRMJ3240 Terrorism and Homeland Security - 3 s.h.

A theoretical and conceptual framework of how domestic and international terrorism arises and functions. Topics discussed will include theories of the world's best terrorist analysts, the historical background on the phenomenon of terrorism, the roots of contemporary conflicts, current conflicts shaping the world stage, emerging groups, and US Homeland Security organizations—including controversies surrounding human rights and protecting civil liberties.

CRMJ3351 Community-Based Corrections - 3 s.h.

Study of the history and design of community-based correctional programs, including probation and parole. The nature and variety of community corrections programs are examined and analyzed. +This course is only offered every other year.

CRMJ3420 Drugs in Society - 3 s.h.

This course provides students with an understanding of United States drug policy, its evolution and current status, and alternatives from throughout the world. Updated with the latest data and research, this course also presents expanded material on cannabis, hallucinogens, the illegal drug business, and global drug policy. This course will explore addiction from a psychological and physiological lens and introduce diversion strategies and restorative justice concepts.

CRMJ3500 Criminal Law (also POLS3500) - 3 s.h.

Survey of the history, scope, and nature of criminal law in the United States. Includes study of the legal process and rules of evidence.

CRMJ3520 Juvenile Delinquency and Juvenile Justice - 3 s.h.

Includes an examination of the nature, extent, and patterns of juvenile delinquency, evaluation of theories and causal explanations of delinquency and investigation of delinquent subcultures, as well as an examination of legal processing and treatment programs for young offenders. PREREQUISITE: SOCI1300 Introduction to Sociology. +This course is only offered every other year.

CRMJ4700 Criminal Justice Internship - 1-3 s.h.

An intensive internship program in appropriate agencies or departments directly related to criminal justice, law enforcement, or corrections. Placements will be supervised by department faculty and developed in conjunction with the interests of the student. (Graded on a Pass/Fail basis.) Prerequisites: CRMJ2400, minimum 3 s.h. upper division Criminal Justice course, major in Criminal Justice, junior/senior status, a minimum GPA of 2.75 or better in the major, and instructor's consent.

HIST2100 History of Terrorism (also CRMJ2100) - 3 s.h.

A survey of the concept of terrorism, from the French Revolution to present day. Students will critically interrogate the varied meanings of the term, the use of the term to delegitimize opponents, and the problematic nature of the concept of terrorism.

MATH1370 Statistics for Sciences - 3 s.h.

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

POLS3500 Criminal Law (also CRMJ3500) - 3 s.h.

Survey of the history, scope, and nature of criminal law in the United States. Includes study of the legal process and rules of evidence.

PSYC1300 Introductory Psychology - 3 s.h.

An introductory survey of psychological methods and thoughts as they relate to human experience and behavior. Topics include the role of the central nervous system in mediating behavior, learning and memory, states of awareness, motivation and emotion, personality, psychological disorders, and therapy. ELO5 Social Science – Innovation, GE3E Liberal Learning-Social Sciences.

PSYC1400 Introduction to Forensic Psychology (also CRMJ1400) - 3 s.h.

Explores the differing, yet varied facets of the field of forensic psychology including landmark legal cases relevant to psychology, potential careers in forensic psychology, police psychology, expert testimony, forensic psychological assessment, psychopathy, homeland security, ethics, correctional psychology, and issues in working in the juvenile justice system.

PSYC2250 Developmental Psychology - 3 s.h.

The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

PSYC3310 Social Psychology - 3 s.h.

The study of how people think, feel, and behave in social situations. Attention given to research and application to social perception, interaction, and influence. Prerequisite: PSYC1300 or SOCI1300.

PSYC3330 Behavioral Neuroscience - 3 s.h.

Examination of the biological substrates of behavior. Topics include synaptic transmission and patterns of neural activity, sleep and arousal, learning and memory, motivation, emotion, neurological diseases, traumatic brain injuries. Prerequisites: PSYC1300 and 3 additional hours of psychology. This course is offered every other year.

PSYC3340 Personality - 3 s.h.

A study of personality from dispositional, psychodynamic, humanistic, and behavioral perspectives and of the application of personality perspectives to current issues. Prerequisite: PSYC1300 and 3 additional hours of psychology.

PSYC3370 Cross Cultural Psychology - 3 s.h.

Study of psychological theories and empirical findings relating to variations in cultures. Prerequisite: PSYC1300. ELO4 Global Learning - World Citizenship, ELO4 Global Learning - Equality and Peace.

PSYC3380 Abnormal Psychology - 3 s.h.

A study of the disorders outlined in the current diagnostic statistical manual. Emphasis will be on etiology, symptoms, and methods of treatment. Prerequisite: PSYC1300.

PSYC3390 Cognitive Psychology - 3 s.h.

Research and theory in areas of cognitive psychology, including attention; memory acquisition, storage, and retrieval; language comprehension; and problem solving. Prerequisite: PSYC1300 and 3 additional hours of psychology. This course is only offered every other year.

PSYC3510 Research Methods - 3 s.h.
A survey of the principles and practices of social research, including research ethics, experimental design, surveys, in-depth interviews, content analysis, participant observation, and field studies. Students also learn to write in scientific journal style. Prerequisite: 6 additional hours of psychology, sociology, or criminal justice.

PSYC3520 Research Methods Two - 3 s.h.
Development and implementation of an original research project. Prerequisite: PSYC3510 and 6 additional hours of psychology, sociology, or criminal justice.

PSYC4360 Senior Internship - 1-4 s.h.
Placement with external agency for application of knowledge, theory, and skills from the major in a professional setting. Pre-requisites: Psychology major, senior standing, 2.0 cumulative GPA, 3.0 GPA in the major, consent of supervising faculty. Students should enroll in 1 credit for every 50 hours that will be volunteered in the sponsor organization (with a maximum of 4 credits). Completion of the Senior Internship application with approval from agency sponsor and supervising faculty.

PSYC4430 Theory and Practice of Counseling - 3 s.h.
A course designed to explore characteristics of counselors, characteristics of clients, basic counseling techniques, and current theories of counseling. Prerequisite: PSYC1300 and 6 additional hours of psychology.

Course List - Criminal Justice

Courses Offered

CRMJ1200 Introduction to Criminal Justice

CRMJ1400 Introduction to Forensic Psychology (also PSYC1400)

CRMJ2100 History of Terrorism (also HIST2100)

CRMJ2460 Multicultural Policing

CRMJ3100 Law and the Justice System

CRMJ3220 Criminal Investigation

CRMJ3240 Terrorism and Homeland Security

CRMJ3351 Community-Based Corrections

CRMJ3420 Drugs in Society

CRMJ3500 Criminal Law (also POLS3500)

CRMJ3520 Juvenile Delinquency and Juvenile Justice

CRMJ3900 Advanced Topics in Criminal Justice

CRMJ4700 Criminal Justice Internship

Course Descriptions

CRMJ1200 Introduction to Criminal Justice - 3 s.h.

A survey of the structure and process of the criminal justice system, including the study of law enforcement, criminal courts, and correctional agencies. ELO5 Social Science - Peace, ELO5 Social Science - Equality and Peace

CRMJ1400 Introduction to Forensic Psychology (also PSYC1400) - 3 s.h.

Explores the differing, yet varied facets of the field of forensic psychology including landmark legal cases relevant to psychology, potential careers in forensic psychology, police psychology, expert testimony, forensic psychological assessment, psychopathy, homeland security, ethics, correctional psychology, and issues in working in the juvenile justice system.

CRMJ2100 History of Terrorism (also HIST2100) - 3 s.h.

A survey of the concept of terrorism, from the French Revolution to present day. Students will critically interrogate the varied meanings of the term, the use of the term to delegitimize opponents, and the problematic nature of the concept of terrorism.

CRMJ2460 Multicultural Policing - 3 s.h.

This course focuses on the challenges present in policing multicultural settings. Issues pertaining to understanding diverse cultures and effective communication across cultures from the standpoint of law enforcement are explored in detail. Recommended prerequisite: CRMJ1200.

CRMJ3100 Law and the Justice System - 3 s.h.
An overview of Constitutional law that impacts the American justice system from arrest through trial, punishment to release. Key legal cases and precedents for policing, prosecution, sentencing, and corrections will be covered in depth. Prerequisite: CRMJ2400.

CRMJ3220 Criminal Investigation - 3 s.h.
This course is a comprehensive approach to the examination and treatment of physical evidence as it relates to the criminal justice system. Students will be involved in an interactive learning experience tied to the securing and preserving of crime scenes and maintaining the integrity of trace evidence for future court proceedings. Prerequisite: CRMJ1200.

CRMJ3240 Terrorism and Homeland Security - 3 s.h.
A theoretical and conceptual framework of how domestic and international terrorism arises and functions. Topics discussed will include theories of the world's best terrorist analysts, the historical background on the phenomenon of terrorism, the roots of contemporary conflicts, current conflicts shaping the world stage, emerging groups, and US Homeland Security organizations—including controversies surrounding human rights and protecting civil liberties.

CRMJ3351 Community-Based Corrections - 3 s.h.
Study of the history and design of community-based correctional programs, including probation and parole. The nature and variety of community corrections programs are examined and analyzed. +This course is only offered every other year.

CRMJ3420 Drugs in Society - 3 s.h.
This course provides students with an understanding of United States drug policy, its evolution and current status, and alternatives from throughout the world. Updated with the latest data and research, this course also presents expanded material on cannabis, hallucinogens, the illegal drug business, and global drug policy. This course will explore addiction from a psychological and physiological lens and introduce diversion strategies and restorative justice concepts.

CRMJ3500 Criminal Law (also POLS3500) - 3 s.h.
Survey of the history, scope, and nature of criminal law in the United States. Includes study of the legal process and rules of evidence.

CRMJ3520 Juvenile Delinquency and Juvenile Justice - 3 s.h.

Includes an examination of the nature, extent, and patterns of juvenile delinquency, evaluation of theories and causal explanations of delinquency and investigation of delinquent subcultures, as well as an examination of legal processing and treatment programs for young offenders. PREREQUISITE: SOCI1300 Introduction to Sociology. +This course is only offered every other year.

CRMJ3900 Advanced Topics in Criminal Justice - 3 s.h.

An in-depth study of topics from the fields of criminal justice, law enforcement, or corrections. Courses may be repeated as topics vary. Prerequisites: CRMJ2400.cr

CRMJ4700 Criminal Justice Internship - 1-3 s.h.

An intensive internship program in appropriate agencies or departments directly related to criminal justice, law enforcement, or corrections. Placements will be supervised by department faculty and developed in conjunction with the interests of the student. (Graded on a Pass/Fail basis.) Prerequisites: CRMJ2400, minimum 3 s.h. upper division Criminal Justice course, major in Criminal Justice, junior/senior status, a minimum GPA of 2.75 or better in the major, and instructor's consent.

Course list - Psychology

Courses Offered

PSYC1300 Introductory Psychology

PSYC1400 Introduction to Forensic Psychology (also CRMJ1400)

PSYC2000 Individual Study

PSYC2250 Developmental Psychology

PSYC2320 Marriage and the Family (also SOCI2320)

PSYC3000 Individual Study

PSYC3130 Sports Psychology (also PHED3130)

PSYC3300 Sensation and Perception

PSYC3310 Social Psychology

PSYC3330 Behavioral Neuroscience

PSYC3340 Personality

PSYC3370 Cross Cultural Psychology

PSYC3380 Abnormal Psychology

PSYC3390 Cognitive Psychology

PSYC3440 Psychology of the Workplace

PSYC3500 Principles of Learning

PSYC3510 Research Methods

PSYC3520 Research Methods Two

PSYC3900 Topics in Psychology

PSYC4000 Individual Study

PSYC4250 Professional Seminar

PSYC4350 History and Systems

PSYC4360 Senior Internship

PSYC4430 Theory and Practice of Counseling

Course Descriptions

PSYC1300 Introductory Psychology - 3 s.h.

An introductory survey of psychological methods and thoughts as they relate to human experience and behavior. Topics include the role of the central nervous system in mediating behavior, learning and memory, states of awareness, motivation and emotion, personality, psychological disorders, and therapy. ELO5 Social Science – Innovation, GE3E Liberal Learning-Social Sciences.

PSYC1400 Introduction to Forensic Psychology (also CRMJ1400) - 3 s.h.

Explores the differing, yet varied facets of the field of forensic psychology including landmark legal cases relevant to psychology, potential careers in forensic psychology, police psychology, expert testimony, forensic psychological assessment, psychopathy, homeland security, ethics, correctional psychology, and issues in working in the juvenile justice system.

PSYC2000 Individual Study - 1-3 s.h.

PSYC2250 Developmental Psychology - 3 s.h.
The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

PSYC2320 Marriage and the Family (also SOCI2320) - 3 s.h.
A social science approach to relationships and attraction with a focus on marriage and the family unit. Topics include dating, marital roles, parenting, and interaction patterns. Explores disruptions such as divorce and domestic violence as well as clinical and community-level interventions from a systems perspective. +This course is only offered every other year.

PSYC3000 Individual Study - 1-3 s.h.

PSYC3130 Sports Psychology (also PHED3130) - 3 s.h.
An application of the theories and principles in psychology to the athlete, the athletic environment, and to coaching practices.

PSYC3300 Sensation and Perception - 3 s.h.
Consideration of how humans receive and interpret information from their environment through receptor systems and brain mechanisms. Including theories of perception, biology of sensory and perceptual systems, and practical applications of findings from research. Prerequisite: PSYC1300 Introductory Psychology. This course is offered every other year.

PSYC3310 Social Psychology - 3 s.h.
The study of how people think, feel, and behave in social situations. Attention given to research and application to social perception, interaction, and influence. Prerequisite: PSYC1300 or SOCI1300.

PSYC3330 Behavioral Neuroscience - 3 s.h.
Examination of the biological substrates of behavior. Topics include synaptic transmission and patterns of neural activity, sleep and arousal, learning and memory, motivation, emotion, neurological diseases, traumatic brain injuries. Prerequisites: PSYC1300 and 3 additional hours of psychology. This course is offered every other year.

PSYC3340 Personality - 3 s.h.

A study of personality from dispositional, psychodynamic, humanistic, and behavioral perspectives and of the application of personality perspectives to current issues. Prerequisite: PSYC1300 and 3 additional hours of psychology.

PSYC3370 Cross Cultural Psychology - 3 s.h.

Study of psychological theories and empirical findings relating to variations in cultures. Prerequisite: PSYC1300. ELO4 Global Learning - World Citizenship, ELO4 Global Learning - Equality and Peace.

PSYC3380 Abnormal Psychology - 3 s.h.

A study of the disorders outlined in the current diagnostic statistical manual. Emphasis will be on etiology, symptoms, and methods of treatment. Prerequisite: PSYC1300.

PSYC3390 Cognitive Psychology - 3 s.h.

Research and theory in areas of cognitive psychology, including attention; memory acquisition, storage, and retrieval; language comprehension; and problem solving. Prerequisite: PSYC1300 and 3 additional hours of psychology. This course is only offered every other year.

PSYC3440 Psychology of the Workplace - 3 s.h.

Psychological theory applied to problems of work: workplace design; group behavior; labor-management relations; leadership; employee selection and retention; psychological evaluation of workers.

PSYC3500 Principles of Learning - 3 s.h.

Explores a variety of theories of learning. Considers both conceptual and applied aspects of learning. Prerequisite: PSYC1300 and 3 additional hours of psychology. This course is offered every other year.

PSYC3510 Research Methods - 3 s.h.

A survey of the principles and practices of social research, including research ethics, experimental design, surveys, in-depth interviews, content analysis, participant observation, and field studies. Students also learn to write in scientific journal style. Prerequisite: 6 additional hours of psychology, sociology, or criminal justice.

PSYC3520 Research Methods Two - 3 s.h.

Development and implementation of an original research project. Prerequisite: PSYC3510 and 6 additional hours of psychology, sociology, or criminal justice.

PSYC3900 Topics in Psychology - 1-3 s.h.

In-depth study of topics in the field of psychology. May be repeated for credit as topics vary. Prerequisite: PSYC1300.

PSYC4000 Individual Study - 1-3 s.h.

PSYC4250 Professional Seminar - 1 s.h.

Examination of professional and ethical issues, as well as careers and graduate education in psychology. Prerequisite: Senior standing and Psychology major.

PSYC4350 History and Systems - 3 s.h.

A historical analysis of systematic foundations in psychology. Includes Structuralism, Functionalism, Behaviorism, Gestalt psychology, and Psychoanalysis. Prerequisite: 6 semester hours in psychology.

PSYC4360 Senior Internship - 1-4 s.h.

Placement with external agency for application of knowledge, theory, and skills from the major in a professional setting. Pre-requisites: Psychology major, senior standing, 2.0 cumulative GPA, 3.0 GPA in the major, consent of supervising faculty. Students should enroll in 1 credit for every 50 hours that will be volunteered in the sponsor organization (with a maximum of 4 credits). Completion of the Senior Internship application with approval from agency sponsor and supervising faculty.

PSYC4430 Theory and Practice of Counseling - 3 s.h.

A course designed to explore characteristics of counselors, characteristics of clients, basic counseling techniques, and current theories of counseling. Prerequisite: PSYC1300 and 6 additional hours of psychology.

Health



Health and Wellness Minor

The Health and Wellness Minor is designed for students interested in a variety of fields not just those related to healthcare. Students will gain the scientific background of current trends as they relate to health and wellness. Additionally, the minor includes hands-on practical courses to prepare students for real world scenarios and interpersonal skills necessary to be a successful professional.

Required Core Courses 7 s.h.

- HLTH1100 CPR and First Aid – 1 s.h.
- HLTH2560 Nutrition – 3 s.h.
- HLTH3220 Personal and Community Health – 3 s.h.

Select 12 additional hours from the courses below:

BIOL2300 Anatomy and Physiology I with Lab – 4 s.h.

HLTH3100 Drugs Education and Behavior – 3 s.h.

HLTH3120 Human Sexuality – 3 s.h.

HLTH3900 Advanced Topics in Health and Human Performance – 3 s.h.

PHED1500 Introduction to Kinesiology – 3 s.h.

Courses Offered

BIOL2300 Anatomy and Physiology I with Lab (3-2)

HLTH1100 CPR and First Aid

HLTH2560 Nutrition

HLTH3100 Drugs Education and Behavior

HLTH3120 Human Sexuality

HLTH3220 Personal and Community Health

HLTH3900 Advanced Topics in Health and Human Performance

PHED0490 Relaxation and Stress Management

PHED1500 Introduction to Kinesiology

Course Descriptions

BIOL2300 Anatomy and Physiology I with Lab (3-2) - 4 s.h.

The study of structure and function of the human body. Topics will include: cells and homeostasis, muscles, bones, respiratory, nervous and cardiovascular. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) GE3D Liberal Learning-Natural Sciences

HLTH1100 CPR and First Aid - 1 s.h.

The development of practical skills in the emergency treatment of the injured. Some attention will be given to the prevention of injuries. The content to be covered will include the Standard and Advanced levels of the First Aid program sponsored by the

National Red Cross. Students holding current, equivalent certifications will receive an automatic waiver for the class. This is to be verified by the instructor of the class or the Health and Movement Science Division Chair. A grade of C or higher required to count toward the Allied Health major. Additional fee required.

HLTH2560 Nutrition - 3 s.h.

A study the principles of nutrition as it relates to health, exercise, sports and disease. Students will be presented with applied content that includes research-based guidelines meant to help students differentiate between nutrition recommendations that are backed by science and the overabundance of false and misleading information. A grade of C or higher required to count toward the Allied Health major.

HLTH3100 Drugs Education and Behavior - 3 s.h.

This course will prepare the student to become an effective drug educator with emphasis on historical and current drug use and trends and its effects on society and human behavior. (Goal is for students to make positive decisions to protect their own health but also higher understanding of effects to social health/life when others use or abuse drugs.)

HLTH3120 Human Sexuality - 3 s.h.

Discussion of sexual biology, psychology, and sociocultural dimension of human sexual health and behavior. A grade of C or higher required to count toward the Allied Health major.

HLTH3220 Personal and Community Health - 3 s.h.

A foundational course designed for students to become informed about health as well as becoming responsible and active participants in the maintenance of their personal health and affecting the health of their community. The course is intended to provide coverage of health promotion, mental health, stress management, afflictions and diseases, aging, environmental health, consumerism and health care and promotion. A grade of C or higher required to count toward the Allied Health major. ELO4 Global Learning - Sustainability.

HLTH3900 Advanced Topics in Health and Human Performance - 3 s.h.

A study of selected topics in health to be announced prior to the semester when the course is offered. Probable topics to be addressed include: human diseases, environmental health, human sexuality, substance abuse, death education, aging, and etc. May be repeated for credit as topics change.

PHED0490 Relaxation and Stress Management - 1 s.h.

This course is designed to develop knowledge of and skill in basic posture enhancement and relaxation techniques, and to provide motivation for further self-improvement. A grade of C or higher required to count toward the Allied Health major.

PHED1500 Introduction to Kinesiology - 3 s.h.
This course is designed to introduce students to the musculoskeletal system and its relationship to anatomical movements in the body. Students will examine the skeletal system, muscular system, cardiovascular system, respiratory system, endocrine system, and their relationships with exercise science. A grade of C or higher required to count toward the Allied Health major.

Course list - Health

Courses Offered

HLTH1100 CPR and First Aid

HLTH1110 First Aid for Professional Rescuer

HLTH1220 Mental Health First Aid Training

HLTH2000 Individual Study

HLTH2200 Contemporary Issues in Health

HLTH2400 Children's Health and Development

HLTH2560 Nutrition

HLTH3000 Individual Study

HLTH3100 Drugs Education and Behavior

HLTH3120 Human Sexuality

HLTH3220 Personal and Community Health

HLTH3560 Sports Nutrition

HLTH3900 Advanced Topics in Health and Human Performance

HLTH4710 Internship in Health and Physical Education

Course Descriptions

HLTH1100 CPR and First Aid - 1 s.h.

The development of practical skills in the emergency treatment of the injured. Some attention will be given to the prevention of injuries. The content to be covered will include the Standard and Advanced levels of the First Aid program sponsored by the National Red Cross. Students holding current, equivalent certifications will receive an automatic waiver for the class. This is to be verified by the instructor of the class or the Health and Movement Science Division Chair. A grade of C or higher required to count toward the Allied Health major. Additional fee required.

HLTH1110 First Aid for Professional Rescuer - 1 s.h.

Provide the professional responder with the knowledge and skills necessary to recognize and provide care for injuries, sudden illnesses, breathing and cardiac emergencies to help sustain life, reduce pain, and minimize the consequences of injury or sudden illness until more advanced medical personnel arrive and take over. Meets emergency cardiac care (ECC) standards and includes skill in adult and pediatric CPR, airway obstruction, 2nd rescuer CPR, AED and barrier devices. Recommended for student in health-related fields. Students holding current, equivalent certifications will receive an automatic waiver for the class. This is to be verified by the instructor of the class or the Health and Movement Science Division Chair. Additional fee required.

HLTH1220 Mental Health First Aid Training - 1 s.h.

Teaches participants how to identify, understand and respond to signs of mental illnesses and substance use disorders. Focuses on the unique experiences and needs of college students and gives participants the skills needed to reach out and provide initial support to someone who may be showing signs of a mental health or substance use challenge and help connect them to the appropriate care. This course includes an optional certification for Mental Health First Aid through the National Council for Mental Wellbeing for a fee. Mental Health First Aid encourages early detection and intervention by teaching participants about the signs and symptoms of specific illnesses like anxiety, depression, schizophrenia, bipolar disorder, eating disorders and addictions. The program offers concrete tools and answers key questions like "What can I do?" and "Where can someone find help?" Participants are introduced to local mental health resources, national organizations, support groups and online tools for mental health and addiction treatment and support. A grade of C or higher required to count toward the Allied Health major.

HLTH2000 Individual Study - 1-3 s.h.

HLTH2200 Contemporary Issues in Health - 2 s.h.
An in-depth study of nutrition, drugs, consumer health, and other areas of current concern.

HLTH2400 Children's Health and Development - 3 s.h.
Course will focus on the lifelong development of the human from infancy and continuing through adulthood. It will explore the ways of development and learning within physical, cognitive, emotional, and social health, including family environment.

HLTH2560 Nutrition - 3 s.h.
A study the principles of nutrition as it relates to health, exercise, sports and disease. Students will be presented with applied content that includes research-based guidelines meant to help students differentiate between nutrition recommendations that are backed by science and the overabundance of false and misleading information. A grade of C or higher required to count toward the Allied Health major.

HLTH3000 Individual Study - 1-3 s.h.

HLTH3100 Drugs Education and Behavior - 3 s.h.
This course will prepare the student to become an effective drug educator with emphasis on historical and current drug use and trends and its effects on society and human behavior. (Goal is for students to make positive decisions to protect their own health but also higher understanding of effects to social health/life when others use or abuse drugs.)

HLTH3120 Human Sexuality - 3 s.h.
Discussion of sexual biology, psychology, and sociocultural dimension of human sexual health and behavior. A grade of C or higher required to count toward the Allied Health major.

HLTH3220 Personal and Community Health - 3 s.h.
A foundational course designed for students to become informed about health as well as becoming responsible and active participants in the maintenance of their personal health and affecting the health of their community. The course is intended to provide coverage of health promotion, mental health, stress management, afflictions and diseases, aging, environmental health, consumerism and health care and promotion. A grade of C or higher required to count toward the Allied Health major. ELO4 Global Learning - Sustainability.

HLTH3560 Sports Nutrition - 3 s.h.

The course is designed to evaluate the study of nutrition as it specifically relates to physical activity, fitness, and sport performance. This course evaluates the evidence-based nutritional needs and use of various fuel types for a variety of physical activity. From the review of energy balance, body composition, and roles of specific nutrients, to the evaluation of nutritional claims and performance enhancing products. A grade of C or higher required to count toward the Allied Health major.

HLTH3900 Advanced Topics in Health and Human Performance - 3 s.h.

A study of selected topics in health to be announced prior to the semester when the course is offered. Probable topics to be addressed include: human diseases, environmental health, human sexuality, substance abuse, death education, aging, and etc. May be repeated for credit as topics change.

HLTH4710 Internship in Health and Physical Education - 3-6 s.h.

Laboratory internship experience providing for practical application of knowledge and theory in a professional setting. Student acquires experience in all phases of the operation with highly qualified personnel in a selected health or institutional setting. Six weeks of involvement preferably taken consecutively. Waived for student completing teacher education program.

History Major



BA Degree — History Major

In addition to the general education requirements, History majors must **complete 37 semester hours** as described below:

Core Courses 25 s.h.

- HIST1200 History of the African Diaspora – 3 s.h.
- HIST1310 World Civilizations I – 3 s.h.
- HIST1320 World Civilizations II – 3 s.h.
- HIST1560 United States Environmental History – 3 s.h.
- HIST2400 Historical Inquiry – 3 s.h.

HIST2410 United States History to 1877 – 3 s.h.

HIST2420 United States History Since 1877 – 3 s.h.

HIST/POLS4900 Senior Seminar I – 1 s.h.

HIST/POLS4910 Senior Seminar II – 3 s.h.

Survey Courses 6 s.h.

HIST2100 History of Terrorism – 3 s.h.

HIST2200 Survey of Latin American History I – 3 s.h.

HIST2210 Survey of Latin American History II – 3 s.h.

HIST2300 Women's and Gender History – 3 s.h.

HIST3220 History of Inequality in the United States – 3 s.h.

HIST3230 Sport in the United States – 3 s.h.

Upper Division History Electives 6 s.h.

Students must complete 3 s.h. in one United States History and 3 s.h. in one European History.

United States History:

HIST/POLS3240 Rights and Responsibilities in the United States – 3 s.h.

HIST/POLS3370 The United States Presidency – 3 s.h.

HIST3550 Contemporary United States History – 3 s.h.

European History:

HIST3620 The Middle Ages – 3 s.h.

HIST3640 Early Modern Europe, 1350–1815 – 3 s.h.

HIST3660 Modern Europe, 1789–Present – 3 s.h.

Courses Offered

CRMJ2100 History of Terrorism (also HIST2100)

HIST1200 History of the African Diaspora

HIST1310 World Civilizations I

HIST1320 World Civilizations II

HIST1560 United States Environmental History

HIST2100 History of Terrorism (also CRMJ2100)

HIST2200 Survey of Latin American History I

HIST2210 Survey of Latin American History II

HIST2300 Women's and Gender History

HIST2400 Historical Inquiry

HIST2410 United States History to 1877

HIST2420 United States History Since 1877

HIST3220 History of Inequality in the United States

HIST3230 Sport in US History

HIST3240 Rights and Responsibilities in the United States (also POLS3240)

HIST3370 The United States Presidency (also POLS3370)

HIST3550 Contemporary United States History

HIST3620 The Middle Ages

HIST3640 Early Modern Europe, 1350 – 1815

HIST3660 Modern Europe, 1789 – Present

HIST4900 Senior Seminar I (also POLS4900)

HIST4910 Senior Seminar II (also POLS4910)

Course Descriptions

CRMJ2100 History of Terrorism (also HIST2100) - 3 s.h.

A survey of the concept of terrorism, from the French Revolution to present day. Students will critically interrogate the varied meanings of the term, the use of the term to delegitimize opponents, and the problematic nature of the concept of terrorism.

HIST1200 History of the African Diaspora - 3 s.h.

A history of the people of African descent in the Americas, including the United States, as well as the Caribbean, Central and South America. Issues of survival and resistance, the persistence of racism and white supremacy, and struggles for

freedom, across countries and time periods, will be stressed. ELO5 Histories - Equality, ELO5 Histories - Equality and Peace, GE3B Liberal Learning-Histories.

HIST1310 World Civilizations I - 3 s.h.

An introductory survey of selected world civilizations from earliest times to approximately 1500 A.D., combining broad chronological coverage with intensive concentration on a small number of selected topics. Those social, political, economic and intellectual themes which have a direct bearing upon contemporary culture and society will be stressed. ELO5 Histories - World Citizenship, ELO5 Histories - Sustainability

HIST1320 World Civilizations II - 3 s.h.

An introductory survey of selected world civilizations from the emergence of Western Europe as a center of world power. The impact of Western civilizations upon the development of other world civilizations and the contemporary emergence of a global perspective will be stressed. ELO5 Histories - World Citizenship, ELO5 Histories - Innovation

HIST1560 United States Environmental History - 3 s.h.

An examination of the complex relationship between human society and nature from early settlements to the present in what is now the United States. Important topics include the impact of human settlement, population growth, use of land and natural resources, the effects of industrialization, and the development of the conservation and environmental movements. ELO5 Histories - Sustainability, GE3B Liberal Learning-Histories.

HIST2100 History of Terrorism (also CRMJ2100) - 3 s.h.

A survey of the concept of terrorism, from the French Revolution to present day. Students will critically interrogate the varied meanings of the term, the use of the term to delegitimize opponents, and the problematic nature of the concept of terrorism.

HIST2200 Survey of Latin American History I - 3 s.h.

A history of the peoples of the Americas, from their arrival in the western hemisphere through the 19th century. Topics to be addressed include Native American societies and states, the encounter with Europe, the long colonial period, and struggles for political and economic independence. ELO5 Histories - World Citizenship, ELO5 Histories - Equality and Peace

HIST2210 Survey of Latin American History II - 3 s.h.

A history of the peoples of Mexico, Central America, the Caribbean, and South America, from the 19th century to the present. Topics to be addressed include struggles for political

and economic independence, social movements, and the influence of North American and other outside powers. ELO5 Histories - World Citizenship, ELO5 Histories - Equality and Peace

HIST2300 Women's and Gender History - 3 s.h.

A survey of experiences of women and definitions of gender, from prehistory to the present. Topics to be considered include relative equality of men and women in prehistory, the creation and persistence of patriarchy, women's resistance to oppression and agency of women, and competing visions of women's place in modern societies.

HIST2400 Historical Inquiry - 3 s.h.

An exploration of the nature, uses, and methodologies of historical inquiry. Designed to help students with an interest in history to better understand the discipline. Students formulate historical questions, engage in basic research, review literature, and investigate the nature of historical interpretation. Prerequisite: 9 semester hours of history courses or instructor permission.

HIST2410 United States History to 1877 - 3 s.h.

A survey of the personalities, events, and ideas which have shaped United States history from the earliest colonial settlements to the Civil War and Reconstruction. Emphasis upon the struggle for independence, the establishment of government under the Constitution, and the succeeding political, social, and economic movements that culminated in the Civil War. ELO5 Histories - Innovation

HIST2420 United States History Since 1877 - 3 s.h.

A survey of the personalities, events, and ideas that have shaped United States history since the Civil War and Reconstruction. Emphasis upon the rise of the industrial United States, 20th century adjustments to prosperity, depression and world war, and the political, social, and economic changes since World War II. ELO5 Histories - Innovation, GE3B Liberal Learning-Histories.

HIST3220 History of Inequality in the United States - 3 s.h.

This course examines the causes and consequences of social, political, and economic inequalities in modern United States history. Through the examination of primary sources, students will engage in discussion of the cultural impact that inequality has had in shaping modern US society.

HIST3230 Sport in US History - 3 s.h.

This course examines the root of sport in US history, from the colonial era to the present. Students will examine the relationship between organized sport and the social movements in the US, such as the Civil Rights Movement, Women's Rights and the Cold War.

HIST3240 Rights and Responsibilities in the United States (also POLS3240) - 3 s.h.

A study of the history of the creation and evolving interpretation of the U.S. Constitution, with emphasis on important issues decided by the Supreme Court. ELO5 Histories - Equality, ELO5 Histories - Equality and Peace. +This course is only offered every other year.

HIST3370 The United States Presidency (also POLS3370) - 3 s.h.

The evolution of the office of the President, the recruitment of Presidents, and the various functions performed by the President. +This course is only offered every other year.

HIST3550 Contemporary United States History - 3 s.h.

The history of the United States since 1960 emphasizing social and cultural trends. +This course is only offered every other year.

HIST3620 The Middle Ages - 3 s.h.

A thematic study of the mingling of Germanic, Roman and Christian traditions in Europe from circa 300 through 1450. Major topics will include the establishment of Papal authority, the Crusades, Chivalry, and the Black Death, and the changes in political and religious authority throughout the period. Historical research and writing practices will be emphasized. +This course is only offered every other year.

HIST3640 Early Modern Europe, 1350 – 1815 - 3 s.h.

An advanced study of the continuity, change and revolutions in Europe in the period between 1350 and 1815. Major topics will include the Hundred Years War, the Reformation, the Scientific Revolution, the Witch Hunts, the Enlightenment, the French Revolution, and the Napoleonic Empire. Historical research and writing practices will be emphasized. +This course is only offered every other year.

HIST3660 Modern Europe, 1789 – Present - 3 s.h.

An advanced study of the national and international developments in Europe from the French Revolution to the present. Major topics will include the Industrial Revolution, the revolutions of 1848, the rise of nationalism, World Wars I and II,

and de-colonization during the Cold War. Historical research and writing practices will be emphasized. +This course is only offered every other year.

HIST4900 Senior Seminar I (also POLS4900) - 1 s.h.
HIST4900 Senior Seminar I (also POLS4900) 1 s.h. Designed to help the history majors professionalize their knowledge and experience through writing a scholarly paper. History majors only. Prerequisite: Minimum grade of "C" in HIST2400 Historical Inquiry. (Graded on a Pass/Fail basis.)

HIST4910 Senior Seminar II (also POLS4910) - 3 s.h.
HIST4910 Senior Seminar II (also POLS4910) 3 s.h. The research, writing, and evaluation of the completed seminar paper. Prerequisite: HIST4900.

History Minor

A History minor **consists of 18 hours or more** in history including HIST2400 Historical Inquiry, six upper division hours, and at least three hours in each of the following areas: United States History and European History.

Courses Offered

HIST2400 Historical Inquiry

Course Descriptions

HIST2400 Historical Inquiry - 3 s.h.
An exploration of the nature, uses, and methodologies of historical inquiry. Designed to help students with an interest in history to better understand the discipline. Students formulate historical questions, engage in basic research, review literature, and investigate the nature of historical interpretation. Prerequisite: 9 semester hours of history courses or instructor permission.

Teacher Certification in History

1. FOR HISTORY AND NON-HISTORY MAJORS WHO WANT A SECONDARY AMERICAN OR WORLD HISTORY ENDORSEMENT (5-12):
   Students desiring Iowa Teacher Certification with a secondary endorsement must complete the Secondary Education Program (https://www.graceland.edu/catalog/education-undergraduate#SEED) (with SOSC3390 Methods of Teaching

Social Studies as the appropriate methods course), a major in History or Secondary teaching field, and

1. for American History endorsement:
    1. 24 s.h. in American History or
    2. 30 s.h. in the broad area of Social Sciences to include 15 s.h. of American History, or
2. for World History endorsement:
    1. 24 s.h. in European and/or non-Western History or
    2. 30 s.h. in the broad area of Social Sciences to include 15 s.h. in European and/or non- Western History.

Courses Offered

SOSC3390 Methods of Teaching Social Studies

Course Descriptions

SOSC3390 Methods of Teaching Social Studies - 3 s.h.
Discussions of the general and specific objectives of social studies in the secondary school system, the materials and resources available, techniques in teaching the social studies, types of curricula, and methods of evaluation. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program.

Teacher Certification in Social Science - Basic

1. FOR HISTORY AND NON-HISTORY MAJORS WHO WANT A SOCIAL SCIENCE – BASIC ENDORSEMENT (5-12):
   Students desiring Iowa Teacher Certification with a secondary endorsement must complete the Secondary Education Program (https://www.graceland.edu/catalog/education-undergraduate#SEED) (with SOSC3390 Methods of Teaching Social Studies as the appropriate methods course), a major in History or Secondary teaching field, and
   HIST1310 World Civilizations I – 3 s.h.
   HIST1320 World Civilizations II – 3 s.h.
   HIST2410 United States History to 1877 – 3 s.h.
   HIST2420 United States History Since 1877 – 3 s.h.
   An additional 3 sh of US History (HIST)
   POLS1300 US Government – 3 s.h.
   An additional 6 sh in Political Science (POLS)

Additional content area endorsements of Sociology, Psychology, or Economics can be added by obtaining the following credit hour requirements:

6 sh in Sociology (SOCI) including the following requirements:

SOCI1300 Introduction to Sociology – 3 s.h.

An additional 3 sh in Sociology (SOCI)

6 sh in Psychology, other than educational psychology (PSYC) including the following requirements:

PSYC1300 Introductory Psychology – 3 s.h.

PSYC2250 Developmental Psychology – 3 s.h.

6 sh in Economics (ECON) including the following requirements:

ECON1300 Principles of Macroeconomics – 3 s.h.

ECON1320 Principles of Microeconomics – 3 s.h.

Courses Offered

ECON1300 Principles of Macroeconomics

ECON1320 Principles of Microeconomics

HIST1310 World Civilizations I

HIST1320 World Civilizations II

HIST2410 United States History to 1877

HIST2420 United States History Since 1877

POLS1300 United States Government

PSYC1300 Introductory Psychology

PSYC2250 Developmental Psychology

SOCI1300 Introduction to Sociology

SOSC3390 Methods of Teaching Social Studies

Course Descriptions

ECON1300 Principles of Macroeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, national income, international trade and finance, fiscal policy, monetary policy, money, and banking. Prerequisite: 1 year high school algebra; geometry recommended. ELO5 Social Science - World Citizenship, ELO5 Social Science - Innovation

ECON1320 Principles of Microeconomics - 3 s.h.
Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

HIST1310 World Civilizations I - 3 s.h.
An introductory survey of selected world civilizations from earliest times to approximately 1500 A.D., combining broad chronological coverage with intensive concentration on a small number of selected topics. Those social, political, economic and intellectual themes which have a direct bearing upon contemporary culture and society will be stressed. ELO5 Histories - World Citizenship, ELO5 Histories - Sustainability

HIST1320 World Civilizations II - 3 s.h.
An introductory survey of selected world civilizations from the emergence of Western Europe as a center of world power. The impact of Western civilizations upon the development of other world civilizations and the contemporary emergence of a global perspective will be stressed. ELO5 Histories - World Citizenship, ELO5 Histories - Innovation

HIST2410 United States History to 1877 - 3 s.h.
A survey of the personalities, events, and ideas which have shaped United States history from the earliest colonial settlements to the Civil War and Reconstruction. Emphasis upon the struggle for independence, the establishment of government under the Constitution, and the succeeding political, social, and economic movements that culminated in the Civil War. ELO5 Histories - Innovation

HIST2420 United States History Since 1877 - 3 s.h.
A survey of the personalities, events, and ideas that have shaped United States history since the Civil War and Reconstruction. Emphasis upon the rise of the industrial United States, 20th century adjustments to prosperity, depression and world war, and the political, social, and economic changes since World War II. ELO5 Histories - Innovation, GE3B Liberal Learning-Histories.

POLS1300 United States Government - 3 s.h.
The nature, philosophy, and history of the United States federal system with major consideration given to the national government, its organization, and the interrelation and functions of its component parts. A consideration of the political processes and legal concepts implicit in the American government. ELO5 Social Science - Innovation.

PSYC1300 Introductory Psychology - 3 s.h.

An introductory survey of psychological methods and thoughts as they relate to human experience and behavior. Topics include the role of the central nervous system in mediating behavior, learning and memory, states of awareness, motivation and emotion, personality, psychological disorders, and therapy. ELO5 Social Science – Innovation, GE3E Liberal Learning-Social Sciences.

PSYC2250 Developmental Psychology - 3 s.h.

The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

SOCI1300 Introduction to Sociology - 3 s.h.

Introduction to the perspective of sociology, its basic concepts and principles and an overview of the field.Includes study of social classes, sex roles, crime and deviance, socialization, social movements and others. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace

SOSC3390 Methods of Teaching Social Studies - 3 s.h.

Discussions of the general and specific objectives of social studies in the secondary school system, the materials and resources available, techniques in teaching the social studies, types of curricula, and methods of evaluation. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program.

Course list - History

Courses Offered

HIST1200 History of the African Diaspora

HIST1310 World Civilizations I

HIST1320 World Civilizations II

HIST1560 United States Environmental History

HIST1700 History Museum Management Internship (also HIST3700)

HIST2000 Individual Study

HIST2100 History of Terrorism (also CRMJ2100)

HIST2200 Survey of Latin American History I

HIST2210 Survey of Latin American History II

HIST2300 Women's and Gender History

HIST2340 Middle Eastern Civilization I

HIST2360 Middle Eastern Civilization II

HIST2400 Historical Inquiry

HIST2410 United States History to 1877

HIST2420 United States History Since 1877

HIST2900 Topics in History

HIST3000 Individual Study

HIST3220 History of Inequality in the United States

HIST3230 Sport in US History

HIST3240 Rights and Responsibilities in the United States (also POLS3240)

HIST3370 The United States Presidency (also POLS3370)

HIST3460 United States Foreign Relations (also POLS3460)

HIST3530 History of the Palestinian-Israeli Conflict

HIST3540 United States Military History

HIST3550 Contemporary United States History

HIST3620 The Middle Ages

HIST3640 Early Modern Europe, 1350 – 1815

HIST3660 Modern Europe, 1789 – Present

HIST3700 History Museum Management Internship (Also HIST1700)

HIST3800 History Practicum: Conference Presentation

HIST3900 Advanced Topics in History

HIST4000 Individual Study

HIST4900 Senior Seminar I (also POLS4900)

HIST4910 Senior Seminar II (also POLS4910)

Course Descriptions

HIST1200 History of the African Diaspora - 3 s.h.

A history of the people of African descent in the Americas, including the United States, as well as the Caribbean, Central and South America. Issues of survival and resistance, the persistence of racism and white supremacy, and struggles for freedom, across countries and time periods, will be stressed. ELO5 Histories - Equality, ELO5 Histories - Equality and Peace, GE3B Liberal Learning-Histories.

HIST1310 World Civilizations I - 3 s.h.

An introductory survey of selected world civilizations from earliest times to approximately 1500 A.D., combining broad chronological coverage with intensive concentration on a small number of selected topics. Those social, political, economic and intellectual themes which have a direct bearing upon contemporary culture and society will be stressed. ELO5 Histories - World Citizenship, ELO5 Histories - Sustainability

HIST1320 World Civilizations II - 3 s.h.

An introductory survey of selected world civilizations from the emergence of Western Europe as a center of world power. The impact of Western civilizations upon the development of other world civilizations and the contemporary emergence of a global perspective will be stressed. ELO5 Histories - World Citizenship, ELO5 Histories - Innovation

HIST1560 United States Environmental History - 3 s.h.

An examination of the complex relationship between human society and nature from early settlements to the present in what is now the United States. Important topics include the impact of human settlement, population growth, use of land and natural resources, the effects of industrialization, and the development of the conservation and environmental movements. ELO5 Histories - Sustainability, GE3B Liberal Learning-Histories.

HIST1700 History Museum Management Internship (also HIST3700) - 1-15 s.h.

A work-study program under the direction of the professional staff of a recognized historical collection, historical society, or historical site. This program consists of on-the-job training in various areas as determined by the student's interests and needs. Areas available for study include museum interpretation, administration, management and staffing, display, publicity, preservation and restoration methods, acquisitioning, archives, research, records management, and development and care of properties. NOTE: No more than 6 hours of the internship will be applied to the normal history and social science major requirements. The hours involved will count as resident credit.

HIST2000 Individual Study - 1-3 s.h.

HIST2100 History of Terrorism (also CRMJ2100) - 3 s.h.

A survey of the concept of terrorism, from the French Revolution to present day. Students will critically interrogate the varied meanings of the term, the use of the term to delegitimize opponents, and the problematic nature of the concept of terrorism.

HIST2200 Survey of Latin American History I - 3 s.h.

A history of the peoples of the Americas, from their arrival in the western hemisphere through the 19th century. Topics to be addressed include Native American societies and states, the encounter with Europe, the long colonial period, and struggles for political and economic independence. ELO5 Histories - World Citizenship, ELO5 Histories - Equality and Peace

HIST2210 Survey of Latin American History II - 3 s.h.

A history of the peoples of Mexico, Central America, the Caribbean, and South America, from the 19th century to the present. Topics to be addressed include struggles for political and economic independence, social movements, and the influence of North American and other outside powers. ELO5 Histories - World Citizenship, ELO5 Histories - Equality and Peace

HIST2300 Women's and Gender History - 3 s.h.

A survey of experiences of women and definitions of gender, from prehistory to the present. Topics to be considered include relative equality of men and women in prehistory, the creation and persistence of patriarchy, women's resistance to oppression and agency of women, and competing visions of women's place in modern societies.

HIST2340 Middle Eastern Civilization I

A survey of Middle Eastern civilization from the pre-Islamic Middle East to 1500 with attention to the origins and growth of Islam, the cultural and economic impact of the Islamic empire and the relationship with other regions. ELO5 Histories - Peace, ELO5 Histories - Equality and Peace. +This course is only offered every other year.

HIST2360 Middle Eastern Civilization II - 3 s.h.

A survey of the Middle East from 1500 to the present, beginning with the rise of the Ottoman and Safavid empires. Attention will be given to the growth of European interests in the Middle East and the response to that interest, as well as the making of modern states in the Middle East. ELO5 Histories - Peace, ELO5 Histories - Equality and Peace. +This course is only offered every other year.

HIST2400 Historical Inquiry - 3 s.h.

An exploration of the nature, uses, and methodologies of historical inquiry. Designed to help students with an interest in history to better understand the discipline. Students formulate historical questions, engage in basic research, review literature, and investigate the nature of historical interpretation. Prerequisite: 9 semester hours of history courses or instructor permission.

HIST2410 United States History to 1877 - 3 s.h.

A survey of the personalities, events, and ideas which have shaped United States history from the earliest colonial settlements to the Civil War and Reconstruction. Emphasis upon the struggle for independence, the establishment of government under the Constitution, and the succeeding political, social, and economic movements that culminated in the Civil War. ELO5 Histories - Innovation

HIST2420 United States History Since 1877 - 3 s.h.

A survey of the personalities, events, and ideas that have shaped United States history since the Civil War and Reconstruction. Emphasis upon the rise of the industrial United States, 20th century adjustments to prosperity, depression and world war, and the political, social, and economic changes since World War II. ELO5 Histories - Innovation, GE3B Liberal Learning-Histories.

HIST2900 Topics in History - 1-3 s.h.

HIST3000 Individual Study - 1-3 s.h.

HIST3220 History of Inequality in the United States - 3 s.h.

This course examines the causes and consequences of social, political, and economic inequalities in modern United States history. Through the examination of primary sources, students will engage in discussion of the cultural impact that inequality has had in shaping modern US society.

HIST3230 Sport in US History - 3 s.h.

This course examines the root of sport in US history, from the colonial era to the present. Students will examine the relationship between organized sport and the social movements in the US, such as the Civil Rights Movement, Women's Rights and the Cold War.

HIST3240 Rights and Responsibilities in the United States (also POLS3240) - 3 s.h.

A study of the history of the creation and evolving interpretation of the U.S. Constitution, with emphasis on important issues decided by the Supreme Court. ELO5 Histories - Equality, ELO5 Histories - Equality and Peace. +This course is only offered every other year.

HIST3370 The United States Presidency (also POLS3370) - 3 s.h.

The evolution of the office of the President, the recruitment of Presidents, and the various functions performed by the President. +This course is only offered every other year.

HIST3460 United States Foreign Relations (also POLS3460) - 3 s.h.

A history of the interaction of the United States with the people and governments of foreign nations from 1898 to the present. Topics include US imperial ambitions, the world wars, the Cold War, and US concerns with foreign nationalist movements. ELO5 Social Science - World Citizenship, ELO5 Social Science - Equality and Peace. +This course is only offered every other year.

HIST3530 History of the Palestinian-Israeli Conflict - 3 s.h.

A history of one of the world's most intractable conflicts; examines the origins of this conflict; the concept of Zionism and the establishment of the State of Israel; the development of Palestinian nationalism; and outside forces-including Arab nationalism, colonialism and great power interests-that have had a major impact on the conflict.

HIST3540 United States Military History - 3 s.h.

Role and evolution of the armed forces in the United States from the Revolutionary War to the present. Emphasis on the major wars fought by the United States with an exploration of

their causes and effects. Other topics will include the impact of technology and leadership on the armed forces and the relationship between the military and U.S. society.

HIST3550 Contemporary United States History - 3 s.h.

The history of the United States since 1960 emphasizing social and cultural trends. +This course is only offered every other year.

HIST3620 The Middle Ages - 3 s.h.

A thematic study of the mingling of Germanic, Roman and Christian traditions in Europe from circa 300 through 1450. Major topics will include the establishment of Papal authority, the Crusades, Chivalry, and the Black Death, and the changes in political and religious authority throughout the period. Historical research and writing practices will be emphasized. +This course is only offered every other year.

HIST3640 Early Modern Europe, 1350 – 1815 - 3 s.h.

An advanced study of the continuity, change and revolutions in Europe in the period between 1350 and 1815. Major topics will include the Hundred Years War, the Reformation, the Scientific Revolution, the Witch Hunts, the Enlightenment, the French Revolution, and the Napoleonic Empire. Historical research and writing practices will be emphasized. +This course is only offered every other year.

HIST3660 Modern Europe, 1789 – Present - 3 s.h.

An advanced study of the national and international developments in Europe from the French Revolution to the present. Major topics will include the Industrial Revolution, the revolutions of 1848, the rise of nationalism, World Wars I and II, and de-colonization during the Cold War. Historical research and writing practices will be emphasized. +This course is only offered every other year.

HIST3700 History Museum Management Internship (Also HIST1700) - 1-15 s.h.

A work-study program under the direction of the professional staff of a recognized historical collection, historical society, or historical site. This program consists of on-the-job training in various areas as determined by the student's interests and needs. Areas available for study include museum interpretation, administration, management and staffing, display, publicity, preservation and restoration methods, acquisitioning, archives, research, records management, and development and care of properties. NOTE: No more than 6 hours of the internship will be applied to the normal history and social science major requirements. The hours involved will count as resident credit.

HIST3800 History Practicum: Conference Presentation - 1-3 s.h.

An advanced experiential course of study in which students propose, research, write and present a paper at a professional or student conference. Students will gain a detailed understanding of a particular topic in history as well as the process of abstract submissions, preparation of a paper of appropriate structure and length for professional acceptance, the process of presentation itself, and the following critique. Students will be encouraged to rework a paper that they have written for a previous history or political science class and earn 1 semester hour of credit. In exceptional circumstances, students may write a new paper and earn 3 semester hours of credit. Students need not be history majors to make a request to sign up for this course, but must work closely with a history or political science faculty member in order to prepare an appropriate conference paper. Prerequisite: Instructor consent. Pass/Fail only. May be repeated for a maximum of 6 semester hours. No more than 6 hours may be applied to the history, political science, and social science major requirements. No credits earned through the Practicum may be applied to History area distribution requirements; all credits will be treated as electives. Additional fee required.

HIST3900 Advanced Topics in History - 1-3 s.h.

HIST3900 Advanced Topics in History 1-3 s.h. An in-depth study of topics selected from various areas of history such as Civil War, American West, American Constitutional History, Russian History, German History, etc. Course topics will be announced prior to each semester they are offered. May be repeated for credit.

HIST4000 Individual Study - 1-3 s.h.

HIST4900 Senior Seminar I (also POLS4900) - 1 s.h.

HIST4900 Senior Seminar I (also POLS4900) 1 s.h. Designed to help the history majors professionalize their knowledge and experience through writing a scholarly paper. History majors only. Prerequisite: Minimum grade of "C" in HIST2400 Historical Inquiry. (Graded on a Pass/Fail basis.)

HIST4910 Senior Seminar II (also POLS4910) - 3 s.h.

HIST4910 Senior Seminar II (also POLS4910) 3 s.h. The research, writing, and evaluation of the completed seminar paper. Prerequisite: HIST4900.

Interdisciplinary



BA Degree — Interdisciplinary Studies Major

The Interdisciplinary Studies major allows students to combine knowledge and methodologies from three historically separate disciplines (e.g. Visual and Performing Arts, Humanities, Natural and Physical Sciences, Computer Science, Data Science, and Mathematics, Health and Movement Science, Social Science, School of Business, School of Education, and School of Nursing). This major offers the student a dynamic opportunity to devise, in concert with their faculty advisor, a program of study designed by the student to prepare them for the innovative thinking necessary for success in today's complex world and matched to the student's particular interests and career goals. In addition to the general education requirements, majors in Interdisciplinary Studies must complete a program of 39 s.h.

Core Requirements

Complete 12 s.h. in three disciplines with a minimum of 6 s.h. upper division coursework in each discipline area. Choose from:

- Visual and Performing Arts
- Humanities
- Natural and Physical Sciences
- Computer Science, Data Science, and Mathematics
- Health and Movement Science
- Social Science
- School of Business
- School of Education
- School of Nursing

INTD4700 Interdisciplinary Studies Capstone – 3 .sh.

Courses Offered

INTD4700 Interdisciplinary Studies Capstone

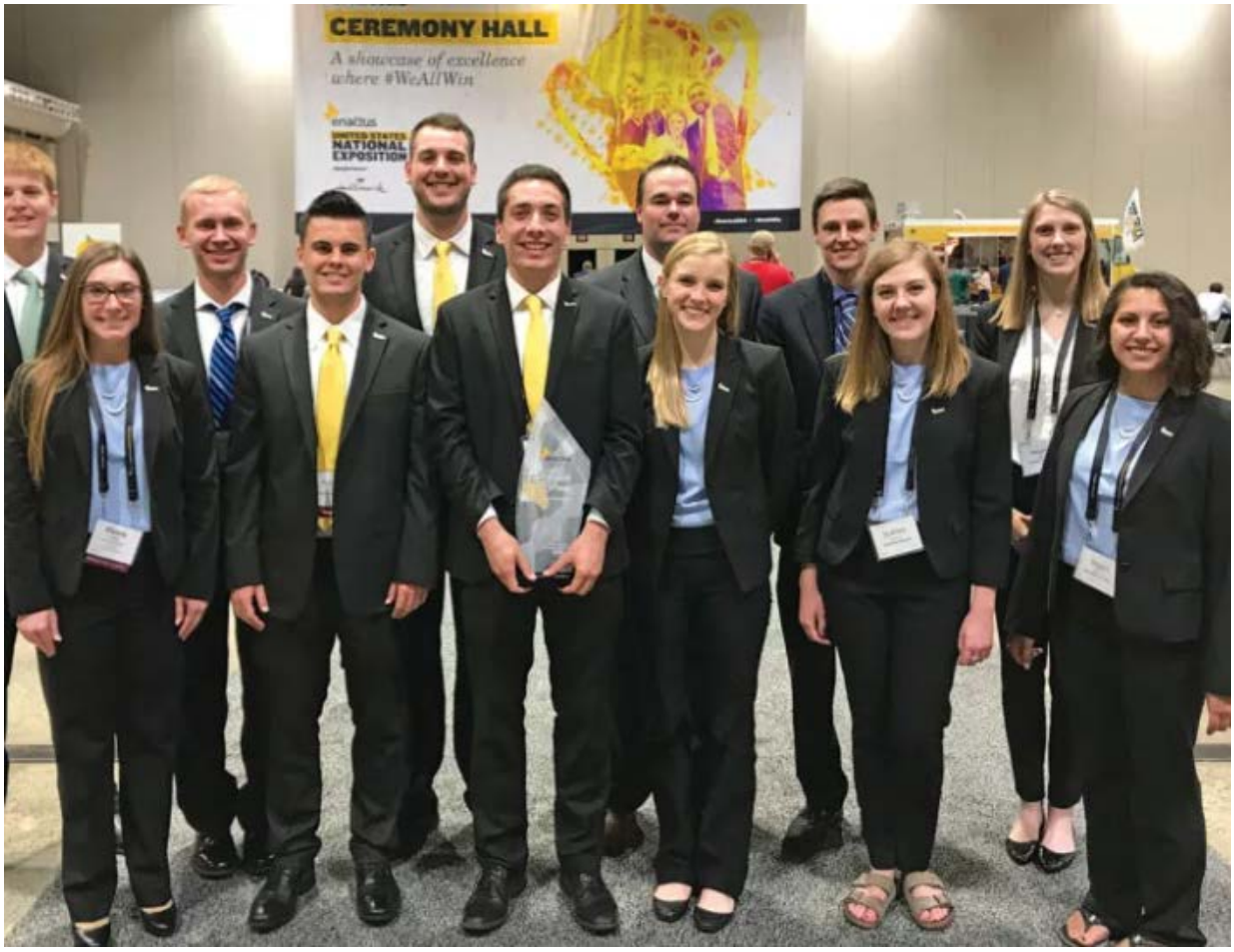
Course Descriptions

INTD4700 Interdisciplinary Studies Capstone - 3 s.h.

The Interdisciplinary Studies Capstone serves as the culminating academic experience for students in the Interdisciplinary Studies major. In this course, students synthesize learning from two of their three designated topic areas, integrating knowledge, theory, and methodology under the mentorship of faculty representing both disciplines. The capstone is a letter-graded arranged course. Students are responsible for securing faculty members who agree to serve as capstone instructors of record. Students may complete the capstone through one of the following options, developed in consultation with their instructors, 1) Research Paper or 2) Applied or Creative Project. A completed and fully approved Interdisciplinary Studies capstone proposal form will be required prior to registration.

BA Degree - Marketing Major

Graceland's C.H. Sandage School of Business offers a Bachelor of Arts in Marketing degree.



BA Degree — Marketing Major

In addition to the general education requirements, majors in Marketing must complete a **concentration of 36 semester hours** in Accounting, Business, and Economics including:

- ACCT2310 Financial Accounting – 3 s.h.
- BUAD1100 Introduction to Business – 3 s.h.
- BUAD2330 Principles of Marketing – 3 s.h.
- BUAD3210 Social Media Marketing – 3 s.h.
- BUAD3240 Marketing Research and Analytics – 3 s.h.

BUAD3430 Digital Marketing Foundations and Strategy – 3 s.h.

BUAD4320 Strategic Brand Management – 3 s.h.

BUAD4480 International Marketing & Advertising – 3 s.h.

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation – 3 s.h.

ECON1300 Principles of Macroeconomics – 3 s.h.

ECON2100 Introductory Economic Data Analysis – 3 s.h.

Upper Division Marketing Elective (Strongly recommended BUAD4450 Integrated Marketing Communication)- 3 s.h.

Courses Required for General Education:

ECON1320 Principles of Microeconomics – 3 s.h.

MATH1280 College Algebra – 3 s.h.

MATH1370 Statistics for Sciences – 3 s.h.

Courses Offered

ACCT2310 Financial Accounting

BUAD1100 Introduction to Business

BUAD3210 Social Media Marketing

BUAD3240 Marketing Research and Analytics

BUAD3430 Digital Marketing Foundations and Strategy

BUAD4220 Seminar in Accounting and Finance

BUAD4320 Strategic Brand Management

BUAD4450 Integrated Marketing Communication

BUAD4480 International Marketing & Advertising

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation

ECON1300 Principles of Macroeconomics

ECON1320 Principles of Microeconomics

ECON2100 Introductory Economic Data Analysis

MATH1280 College Algebra

MATH1360 Statistics for Critical Thinking

Course Descriptions

ACCT2310 Financial Accounting - 3 s.h.

An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

BUAD1100 Introduction to Business - 3 s.h.

Introduction to Business is designed to expose students to the many functions of modern business including topics such as management, finance accounting, marketing, production, computers, international business, small business, investments and other areas of general business interest.

BUAD3210 Social Media Marketing - 3 s.h.

This course provides a comprehensive overview, with hands-on experience, of Social Media Marketing. The most basic objectives of the course are to provide students with a broad introduction to social media marketing concepts and techniques using the latest online tools combined with practical "real world" application. There will be an emphasis on strategic use of tools, effective design and contemporary marketing techniques. Students will build and maintain real world marketing campaigns.

BUAD3240 Marketing Research and Analytics - 3 s.h.

A focus on the practice of studying and managing marketing metrics data in order to enhance decision making for marketing efforts including calls-to-action (CTAs), blog posts, channel performance, and thought leadership pieces, and to identify opportunities for improvement and maximize marketing outcomes. Students will learn how marketing analytics professionals serve as liaisons between those who make marketing decisions and those who work with the data.

BUAD3430 Digital Marketing Foundations and Strategy - 3 s.h.

This course introduces students to the fundamental concepts, tools, and strategies of digital marketing in today's technology-driven business environment. Students will explore core topics such as website optimization, search engine marketing (SEM/SEO), social media, email campaigns, mobile platforms, content creation, and data analytics. Emphasis is placed on

developing a strategic mindset-integrating digital channels into cohesive marketing plans, aligning tactics with organizational goals, and leveraging analytics to measure performance and refine decision-making. By the end of the course, students will gain both a theoretical foundation and practical skills to design, implement, and evaluate digital marketing strategies across diverse industries and audiences.

BUAD4220 Seminar in Accounting and Finance - 3 s.h.

A comprehensive capstone course for students majoring in Finance that integrates material from previous courses taken in the major and explores a wide range of finance-related topics, including the ethical issues affecting the current financial environment of business firms. Pre-requisites: BUAD3370, BUAD3380.

BUAD4320 Strategic Brand Management - 3 s.h.

The course is aimed at both students focusing on brand management as it relates to a career and those intellectually curious about branding. Brand management is transforming, and the course tackles various aspects of brand management and the shifting roles of brand managers. The critical learning for this course is framed around four questions: 1. How are these concepts relevant to the real world? 2. How do we know that this is true? 3. Do we have any evidence that this phenomenon exists or is true? 4. How can the frameworks proposed here be helpful to practicing decision-making? This course is designed to provide students with an applied understanding of Strategic Brand Management: 1) brands, brand architecture, and brand management, 2) developing a brand strategy, 3) designing and implementing brand marketing programs, 4) measuring and interpreting brand performance, and 5) growing and sustaining brand equity. Prerequisites: BUAD2330 Principles of Marketing or SPMT330 Sport Marketing.

BUAD4450 Integrated Marketing Communication - 3 s.h.

This course stands as a pivotal cornerstone in the realm of modern marketing strategies, which every marketing student must understand and know its applied science. This comprehensive course examines various marketing channels, emphasizing the harmonious and balanced integration of advertising, public relations, digital marketing, and brand communication. Students are challenged with a rich learning experience, exploring the synergistic relationship between different communication platforms and their collective impact on building strong, cohesive brand narratives. Prerequisite: BUAD4320

BUAD4480 International Marketing & Advertising - 3 s.h.

The aim of the course is to give the students a deeper understanding of marketing on a global basis. The students examine the international similarities and differences in marketing functions as related to the cultural, economic, political, social, and physical dimensions of the environment. This course is designed to provide students with an applied understanding of international marketing activities based on real-life examples.

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation - 3 s.h.

This is the capstone course for Business Management, Marketing, and Agricultural Business Majors. The Senior Seminar in Design Thinking for Strategic Innovation is structured with a rigorous approach, emphasizing practical application and critical analysis of design thinking principles to solve real-world strategic challenges. Students engage in advanced problem-solving frameworks, including empathy-driven research, ideation, prototyping, and iterative testing, requiring them to think innovatively and strategically. Throughout the course, they apply design thinking methodologies to complex business scenarios, work on team-based projects, and receive continuous feedback to refine their solutions. The course rigor is reflected in its demand for creativity, strategic foresight, and the ability to navigate ambiguity, preparing students to lead innovation within dynamic business environments. Prerequisites: BUAD2380, BUAD3320, BUAD3330, and MATH1360.

ECON1300 Principles of Macroeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, national income, international trade and finance, fiscal policy, monetary policy, money, and banking. Prerequisite: 1 year high school algebra; geometry recommended. ELO5 Social Science - World Citizenship, ELO5 Social Science - Innovation

ECON1320 Principles of Microeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

ECON2100 Introductory Economic Data Analysis - 3 s.h.

An introduction to economic data and statistical techniques commonly applied in business settings. Topics include understanding the basics of data interpretation, manipulation,

and visualization. Students will learn how to carry out and interpret basic linear regression and other methods of statistical analysis in Excel.

MATH1280 College Algebra - 3 s.h.
Solutions of polynomial, rational and radical equations, systems of equations, matrices, sequences, series, functions, exponentials.. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1360 Statistics for Critical Thinking - 3 s.h.
A critical thinking approach to data analysis, measures of central tendency, dispersion, correlation, probability, estimation and hypothesis testing. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

Marketing Minor

A minor in Marketing consists of 18 semester hours in Business courses including::

BUAD1100 Introduction to Business – 3 s.h.

BUAD2330 Principles of Marketing – 3 s.h.

Choose 4 courses from the following:

BUAD3210 Social Media Marketing – 3 s.h.

BUAD3240 Marketing Research and Analytics – 3 s.h.

BUAD3430 Digital Marketing Foundations and Strategy – 3 s.h.

BUAD4320 Strategic Brand Management – 3 s.h.

BUAD4480 International Marketing and Advertising – 3 s.h.

Suggest ECON1320 Principles of Microeconomics for General Education.

Courses Offered

BUAD3210 Social Media Marketing

BUAD3240 Marketing Research and Analytics

BUAD3430 Digital Marketing Foundations and Strategy

BUAD4320 Strategic Brand Management

BUAD4480 International Marketing & Advertising

ECON1320 Principles of Microeconomics

Course Descriptions

BUAD3210 Social Media Marketing - 3 s.h.

This course provides a comprehensive overview, with hands-on experience, of Social Media Marketing. The most basic objectives of the course are to provide students with a broad introduction to social media marketing concepts and techniques using the latest online tools combined with practical "real world" application. There will be an emphasis on strategic use of tools, effective design and contemporary marketing techniques. Students will build and maintain real world marketing campaigns.

BUAD3240 Marketing Research and Analytics - 3 s.h.

A focus on the practice of studying and managing marketing metrics data in order to enhance decision making for marketing efforts including calls-to-action (CTAs), blog posts, channel performance, and thought leadership pieces, and to identify opportunities for improvement and maximize marketing outcomes. Students will learn how marketing analytics professionals serve as liaisons between those who make marketing decisions and those who work with the data.

BUAD3430 Digital Marketing Foundations and Strategy - 3 s.h.

This course introduces students to the fundamental concepts, tools, and strategies of digital marketing in today's technology-driven business environment. Students will explore core topics such as website optimization, search engine marketing (SEM/SEO), social media, email campaigns, mobile platforms, content creation, and data analytics. Emphasis is placed on developing a strategic mindset-integrating digital channels into cohesive marketing plans, aligning tactics with organizational goals, and leveraging analytics to measure performance and refine decision-making. By the end of the course, students will gain both a theoretical foundation and practical skills to design, implement, and evaluate digital marketing strategies across diverse industries and audiences.

BUAD4320 Strategic Brand Management - 3 s.h.

The course is aimed at both students focusing on brand management as it relates to a career and those intellectually curious about branding. Brand management is transforming, and the course tackles various aspects of brand management and the shifting roles of brand managers. The critical learning for this course is framed around four questions: 1. How are

these concepts relevant to the real world? 2. How do we know that this is true? 3. Do we have any evidence that this phenomenon exists or is true? 4. How can the frameworks proposed here be helpful to practicing decision-making? This course is designed to provide students with an applied understanding of Strategic Brand Management: 1) brands, brand architecture, and brand management, 2) developing a brand strategy, 3) designing and implementing brand marketing programs, 4) measuring and interpreting brand performance, and 5) growing and sustaining brand equity. Prerequisites: BUAD2330 Principles of Marketing or SPMT330 Sport Marketing.

BUAD4480 International Marketing & Advertising - 3 s.h.

The aim of the course is to give the students a deeper understanding of marketing on a global basis. The students examine the international similarities and differences in marketing functions as related to the cultural, economic, political, social, and physical dimensions of the environment. This course is designed to provide students with an applied understanding of international marketing activities based on real-life examples.

ECON1320 Principles of Microeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

Data Analytics for Marketing Certificate

Students wishing to earn the Data Analytics for Marketing certificate must complete the following 18 credit hours with Graceland University.

- BUAD3240 Marketing Research and Analytics – 3 s.h.
- BUAD3430 Digital Marketing Foundations and Strategy – 3 s.h.
- BUAD4480 International Marketing and Advertising – 3 s.h.
- CSIT1100 Principles of Computing (Python Programming) – 3 s.h.
- DSCI1500 Principles of Data Science and Analytics – 3 s.h.
- DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

Courses Offered

BUAD3240 Marketing Research and Analytics

BUAD3430 Digital Marketing Foundations and Strategy

BUAD4480 International Marketing & Advertising

CSIT1100 Principles of Computing (Python Programming)

DSCI1500 Principles of Data Science and Analytics

DSCI4700 Capstone for Data Analytics Certificates

Course Descriptions

BUAD3240 Marketing Research and Analytics - 3 s.h.

A focus on the practice of studying and managing marketing metrics data in order to enhance decision making for marketing efforts including calls-to-action (CTAs), blog posts, channel performance, and thought leadership pieces, and to identify opportunities for improvement and maximize marketing outcomes. Students will learn how marketing analytics professionals serve as liaisons between those who make marketing decisions and those who work with the data.

BUAD3430 Digital Marketing Foundations and Strategy - 3 s.h.

This course introduces students to the fundamental concepts, tools, and strategies of digital marketing in today's technology-driven business environment. Students will explore core topics such as website optimization, search engine marketing (SEM/SEO), social media, email campaigns, mobile platforms, content creation, and data analytics. Emphasis is placed on developing a strategic mindset-integrating digital channels into cohesive marketing plans, aligning tactics with organizational goals, and leveraging analytics to measure performance and refine decision-making. By the end of the course, students will gain both a theoretical foundation and practical skills to design, implement, and evaluate digital marketing strategies across diverse industries and audiences.

BUAD4480 International Marketing & Advertising - 3 s.h.

The aim of the course is to give the students a deeper understanding of marketing on a global basis. The students examine the international similarities and differences in marketing functions as related to the cultural, economic, political, social, and physical dimensions of the environment.

This course is designed to provide students with an applied understanding of international marketing activities based on real-life examples.

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

Course list - Business Administration

Courses Offered

BUAD1100 Introduction to Business

BUAD1400 Personal Finance

BUAD2000 Individual Study

BUAD2320 Principles of Management

BUAD2350 Free Market Practicum

BUAD2380 Principles of Business Finance

BUAD3000 Individual Study

BUAD3120 Financial Statement Analysis

BUAD3130 Investment Analysis (also ECON3130)

BUAD3200 Business Ethics

BUAD3210 Social Media Marketing

BUAD3230 Introduction to Change Management

BUAD3240 Marketing Research and Analytics

BUAD3350 Free Market Practicum

BUAD3360 Entrepreneurial Leadership

BUAD3370 Corporate Finance and Financial Modeling

BUAD3400 Small Business Ventures and Entrepreneurship

BUAD3420 International Finance

BUAD3430 Digital Marketing Foundations and Strategy

BUAD3490 Human Resource Management

BUAD3650 Business Connections

BUAD3800 Methods of Teaching Business

BUAD4000 Individual Study

BUAD4110 Internship in Entrepreneurship

BUAD4120 Internship in Finance

BUAD4130 Internship in International Business

BUAD4140 Internship in Management

BUAD4150 Internship in Marketing

BUAD4170 Internship in Human Resource Management

BUAD4180 Internship in Social Media Marketing

BUAD4190 Innovations in Finance

BUAD4220 Seminar in Accounting and Finance

BUAD4240 Derivative Securities and Fixed Income

BUAD4320 Strategic Brand Management

BUAD4410 Operations and Supply Chain Management

BUAD4411 Strategic Sales Management

BUAD4450 Integrated Marketing Communication

BUAD4480 International Marketing & Advertising

BUAD4700 Internship in Business Administration

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation

Course Descriptions

BUAD1100 Introduction to Business - 3 s.h.

Introduction to Business is designed to expose students to the many functions of modern business including topics such as management, finance accounting, marketing, production, computers, international business, small business, investments and other areas of general business interest.

BUAD1400 Personal Finance - 3 s.h.

An overview of personal financial management, including investment, taxation, insurance and credit.

BUAD2000 Individual Study - 1-3 s.h.

BUAD2320 Principles of Management - 3 s.h.

Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing.

BUAD2350 Free Market Practicum - 0-2 s.h.

An experiential course in which students develop and conduct outreach programs to teach and promote free enterprise to various publics. Students will develop greater understanding of and appreciation for the concept of freedom as it applies to the marketplace. May be repeated, although only 4 s.h. may be counted toward any graduation requirement.

BUAD2380 Principles of Business Finance - 3 s.h.

A study of principles and problems basic to a business firm's decisions in planning for and managing financial resources for the purpose of maximizing the value of these resources. Prerequisites: ECON1320.

BUAD3000 Individual Study - 1-3 s.h.

BUAD3120 Financial Statement Analysis - 3 s.h.

A focus on the development of skills in evaluating company performance and risk through the analysis of financial reports. Students use data analytics tools to apply industry standard curriculum concepts, including earnings quality, ratio analysis, forecasting, and cash flow evaluation, and to generate insights for investment, credit, and valuation decisions, while comparing GAAP and IFRS. Prerequisite: ACCT2310

BUAD3130 Investment Analysis (also ECON3130) - 3 s.h.

A study of the fundamental principles underlying the analysis of investments. Prerequisites: ACCT2320, BUAD3120, BUAD2380, and ECON1320. +This course is only offered every other year.

BUAD3200 Business Ethics - 3 s.h.

An introduction to various ethical theories and their application to business situations. Students should gain greater awareness of ethical dilemmas as they occur, examine their own morals and their implications in various business settings, and become acquainted with some of the philosophical background of ethics.

BUAD3210 Social Media Marketing - 3 s.h.

This course provides a comprehensive overview, with hands-on experience, of Social Media Marketing. The most basic objectives of the course are to provide students with a broad introduction to social media marketing concepts and techniques using the latest online tools combined with practical "real world" application. There will be an emphasis on strategic use of tools, effective design and contemporary marketing techniques. Students will build and maintain real world marketing campaigns.

BUAD3230 Introduction to Change Management - 3 s.h.

This course is a fundamental exploration into the dynamic field of organizational change. This course gives students a comprehensive understanding of the theories, methodologies, and best practices (change, AI, machine learning) IoT (Internet of Things) and modern innovations) essential for managing organizational change. Participants delve into case studies, practical applications, and interactive discussions, gaining insights into the complexities of change and the strategies to navigate them successfully.

BUAD3240 Marketing Research and Analytics - 3 s.h.

A focus on the practice of studying and managing marketing metrics data in order to enhance decision making for marketing efforts including calls-to-action (CTAs), blog posts, channel performance, and thought leadership pieces, and to identify opportunities for improvement and maximize marketing outcomes. Students will learn how marketing analytics professionals serve as liaisons between those who make marketing decisions and those who work with the data.

BUAD3350 Free Market Practicum - 0-2 s.h.

An experiential course in which students develop and conduct outreach programs to teach and promote free enterprise to various publics. Students will develop greater understanding of and appreciation for the concept of freedom as it applies to the marketplace. May be repeated, although only 4 s.h. may be counted toward any graduation requirement.

BUAD3360 Entrepreneurial Leadership - 3 s.h.

Emphasis is placed on: learning skills for taking risks and thriving in a changing environment; discovering individual passion; learning about the system in which we exist; and becoming action oriented. In addition to being academically challenging, this course will also be physically challenging due to the service projects, team-building and risk-taking activities. Prerequisites: BUAD3350 and instructor's consent.

BUAD3370 Corporate Finance and Financial Modeling - 3 s.h.

An introduction to the fundamental issues of modern finance facing firms, including investment and financing decisions, interactions with capital markets, financial analysis, and business forecasting. Topics are taught with a focus on a code of ethics and professional standards guided by industry best practices.

BUAD3400 Small Business Ventures and Entrepreneurship - 3 s.h.

Provides an opportunity to develop a business plan for a new venture or expansion of an existing company. Students are expected to acquire skills in evaluating business ventures, learn alternative financing sources, develop ideas for differentiating products, and to develop an understanding of what is required to harvest the profits in a growing business. Prerequisites: ACCT2320 and ECON1320. +This course is only offered every other year.

BUAD3420 International Finance - 3 s.h.

An examination of the financial techniques utilized in global organizations and the international financial markets with which they interact. A focus is placed on how financial leaders

can make ethically grounded decisions, while navigating the strategic and financial challenges facing global businesses today. +This course is only offered every other year.

BUAD3430 Digital Marketing Foundations and Strategy - 3 s.h.

This course introduces students to the fundamental concepts, tools, and strategies of digital marketing in today's technology-driven business environment. Students will explore core topics such as website optimization, search engine marketing (SEM/SEO), social media, email campaigns, mobile platforms, content creation, and data analytics. Emphasis is placed on developing a strategic mindset-integrating digital channels into cohesive marketing plans, aligning tactics with organizational goals, and leveraging analytics to measure performance and refine decision-making. By the end of the course, students will gain both a theoretical foundation and practical skills to design, implement, and evaluate digital marketing strategies across diverse industries and audiences.

BUAD3490 Human Resource Management - 3 s.h.

A comprehensive review of essential personnel management concepts, laws, controversies, and techniques for success currently being used in business. Offered for online Organizational Leadership major only. +This course is only offered every other year.

BUAD3650 Business Connections - 3 s.h.

A project-based course in which students connect content from one of the certificate program's Business Administration courses with a course in their major. If the student's major is in the School of Business, the project will connect one of the certificate courses with a liberal arts course they are taking concurrently. For non-degree seeking students, the project will connect one of their certificate courses with a life experience or previously completed liberal arts course. Wherever appropriate, the topic must be approved by the instructors of both courses being linked in the project. Prerequisite: Instructor's consent.

BUAD3800 Methods of Teaching Business - 3 s.h.

A study of standards, objectives, and curriculum of business in the secondary school. Emphasis on instructional strategies, methods, materials/resources, and techniques of evaluation embedded within the business classroom. Prerequisites: 20 s.h. of business coursework listed above and admittance into the Teacher Education Program, unless part of an approved Interdisciplinary Studies Program.

BUAD4000 Individual Study - 1-3 s.h.

BUAD4110 Internship in Entrepreneurship - 1-3 s.h.
An internship that allows students to work with professionals who are in career areas relating to the field of entrepreneurship. The student will play an active role in identifying potential field sponsors. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BUAD4120 Internship in Finance - 1-3 s.h.
An internship that allows students to work with professionals who are in career areas relating to the field of finance. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/ Fail basis.) Prerequisite: Instructor's consent.

BUAD4130 Internship in International Business - 1-3 s.h.
An internship that allows students to work with professionals who are in career areas relating to the field of international business. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BUAD4140 Internship in Management - 1-3 s.h.
An internship that allows students to work with professionals who are in career areas relating to the field of management. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BUAD4150 Internship in Marketing - 1-3 s.h.
An internship that allows students to work with professionals who are in career areas relating to the field of marketing. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/ Fail basis.) Prerequisite: Instructor's consent.

BUAD4170 Internship in Human Resource Management - 1-3 s.h.
An internship that allows students to work with professionals who are in career areas relating to the field of human resource management. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BUAD4180 Internship in Social Media Marketing - 1-3 s.h.
An internship that allows students to work with professionals who are in career areas relating to the field of social media marketing. The student will play an active role in identifying

potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BUAD4190 Innovations in Finance - 3 s.h.

An exploration of new technologies that are disrupting the financial services industry, including artificial intelligence, deep learning, blockchain technology and open APIs. Includes an examination of fintech start-ups that are driving change in business models, products, applications and customer user interface.

BUAD4220 Seminar in Accounting and Finance - 3 s.h.

A comprehensive capstone course for students majoring in Finance that integrates material from previous courses taken in the major and explores a wide range of finance-related topics, including the ethical issues affecting the current financial environment of business firms. Pre-requisites: BUAD3370, BUAD3380.

BUAD4240 Derivative Securities and Fixed Income - 3 s.h.

An examination of derivative securities, including options, futures, forwards, and swaps, and fixed-income instruments, such as bonds and mortgage-backed securities. Topics include valuation, yield curves, duration, credit risk, and hedging, with an application of quantitative analytics and real company data to evaluate strategies within the professional code of ethics. Prerequisite: BUAD3130

BUAD4320 Strategic Brand Management - 3 s.h.

The course is aimed at both students focusing on brand management as it relates to a career and those intellectually curious about branding. Brand management is transforming, and the course tackles various aspects of brand management and the shifting roles of brand managers. The critical learning for this course is framed around four questions: 1. How are these concepts relevant to the real world? 2. How do we know that this is true? 3. Do we have any evidence that this phenomenon exists or is true? 4. How can the frameworks proposed here be helpful to practicing decision-making? This course is designed to provide students with an applied understanding of Strategic Brand Management: 1) brands, brand architecture, and brand management, 2) developing a brand strategy, 3) designing and implementing brand marketing programs, 4) measuring and interpreting brand performance, and 5) growing and sustaining brand equity. Prerequisites: BUAD2330 Principles of Marketing or SPMT330 Sport Marketing.

BUAD4410 Operations and Supply Chain Management - 3 s.h.

The planning, organizing, staffing, directing and controlling of all the activities of production systems. Prerequisites: MATH1360. Offered Fall odd years. +This course is only offered every other year.

BUAD4411 Strategic Sales Management - 3 s.h.

The Strategic Sales Management course emphasizes the strategic leadership aspects of sales and revenue generation. It includes sales forecasting, customer relationship management, sales team management, and negotiation strategies. Students learn to align sales efforts with overall business objectives, maximizing revenue while maintaining strong customer relationships.

BUAD4450 Integrated Marketing Communication - 3 s.h.

This course stands as a pivotal cornerstone in the realm of modern marketing strategies, which every marketing student must understand and know its applied science. This comprehensive course examines various marketing channels, emphasizing the harmonious and balanced integration of advertising, public relations, digital marketing, and brand communication. Students are challenged with a rich learning experience, exploring the synergistic relationship between different communication platforms and their collective impact on building strong, cohesive brand narratives. Prerequisite: BUAD4320

BUAD4480 International Marketing & Advertising - 3 s.h.

The aim of the course is to give the students a deeper understanding of marketing on a global basis. The students examine the international similarities and differences in marketing functions as related to the cultural, economic, political, social, and physical dimensions of the environment. This course is designed to provide students with an applied understanding of international marketing activities based on real-life examples.

BUAD4700 Internship in Business Administration - 1-3 s.h.

nternship that allows students to work with professionals in a business setting. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor’s consent.

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation - 3 s.h.

This is the capstone course for Business Management, Marketing, and Agricultural Business Majors. The Senior Seminar in Design Thinking for Strategic Innovation is structured with a rigorous approach, emphasizing practical application and critical analysis of design thinking principles to solve real-world strategic challenges. Students engage in advanced problem-solving frameworks, including empathy-driven research, ideation, prototyping, and iterative testing, requiring them to think innovatively and strategically. Throughout the course, they apply design thinking methodologies to complex business scenarios, work on team-based projects, and receive continuous feedback to refine their solutions. The course rigor is reflected in its demand for creativity, strategic foresight, and the ability to navigate ambiguity, preparing students to lead innovation within dynamic business environments. Prerequisites: BUAD2380, BUAD3320, BUAD3330, and MATH1360.

Organizational Leadership



BA Degree - Organizational Leadership Major

In addition to the essential education requirements, majors in Organizational Leadership must **complete a concentration of 36 s.h.** in Organizational Leadership, Accounting, and Business:

- ACCT2310 Financial Accounting – 3 s.h.
- ACCT2320 Managerial Accounting – 3 s.h.
- BUAD1100 Introduction to Business – 3 s.h.
- BUAD3230 Introduction to Change Management – 3 s.h.
- BUAD3450 Organizational Behavior – 3 s.h.
- BUAD3490 Human Resource Management – 3 s.h.

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation – 3 s.h.

COMM2110 Intercultural Communication – 3 s.h.

COMM/PEAC/SOCI3210 Conflict Management and Dialogue – 3 s.h.

ORGL3100 Skills in Organizational Leadership – 3 s.h.

ORGL3200 Concepts and Theories of Leadership – 3 s.h.

ORGL4100 Ethical Leadership in a Global Society – 3 s.h.

Courses Required for General Education

ECON1320 Principles of Microeconomics – 3 s.h.

MATH1280 College Algebra – 3 s.h.

MATH1360 Statistics for Critical Thinking – 3 s.h.

Recommended in addition to required courses for Organizational Leadership:

Internship in Organizational Leadership

Other Recommendations:

Leadership Academy Certificate

Courses Offered

ACCT2310 Financial Accounting

ACCT2320 Managerial Accounting

BUAD3490 Human Resource Management

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation

COMM2110 Intercultural Communication

COMM3210 Conflict Management and Dialogue (Also SOCI/PEAC3210)

ECON1320 Principles of Microeconomics

MATH1280 College Algebra

MATH1360 Statistics for Critical Thinking

ORGL3100 Skills in Organizational Leadership

ORGL3200 Concepts and Theories of Leadership

ORGL4100 Ethical Leadership in a Global Society

PEAC3210 Conflict Management and Dialogue (Also COMM/SOCI3210)

Course Descriptions

ACCT2310 Financial Accounting - 3 s.h.

An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

ACCT2320 Managerial Accounting - 3 s.h.

The selection and analysis of accounting information for internal use by management. Prerequisite: ACCT2310.

BUAD3490 Human Resource Management - 3 s.h.

A comprehensive review of essential personnel management concepts, laws, controversies, and techniques for success currently being used in business. Offered for online Organizational Leadership major only. +This course is only offered every other year.

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation - 3 s.h.

This is the capstone course for Business Management, Marketing, and Agricultural Business Majors. The Senior Seminar in Design Thinking for Strategic Innovation is structured with a rigorous approach, emphasizing practical application and critical analysis of design thinking principles to solve real-world strategic challenges. Students engage in advanced problem-solving frameworks, including empathy-driven research, ideation, prototyping, and iterative testing, requiring them to think innovatively and strategically. Throughout the course, they apply design thinking methodologies to complex business scenarios, work on team-based projects, and receive continuous feedback to refine their solutions. The course rigor is reflected in its demand for creativity, strategic foresight, and the ability to navigate ambiguity, preparing students to lead innovation within dynamic business environments. Prerequisites: BUAD2380, BUAD3320, BUAD3330, and MATH1360.

COMM2110 Intercultural Communication - 3 s.h.

An examination of concepts that have application to communication across cultural boundaries, with emphasis on relating them to effective intercultural communication skGE3C Liberal Learning-Humanities. ELO4 Global Learning - World Citizenship, ELO4 Global Learning - Equality and Peace, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

COMM3210 Conflict Management and Dialogue (Also SOCI/PEAC3210) - 3 s.h.

An examination of conflict theories and approaches, negotiation process, conflict ethics, and third party mediation. In this class, students will become familiar with the causes of conflict as well as ways strategies and tactics used in conflict management. Further, this class will explore the foundational theoretical concepts and models of dialogue in the context of conflict management. +This course is only offered every other year.

ECON1320 Principles of Microeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

MATH1280 College Algebra - 3 s.h.

Solutions of polynomial, rational and radical equations, systems of equations, matrices, sequences, series, functions, exponentials.. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1360 Statistics for Critical Thinking - 3 s.h.

A critical thinking approach to data analysis, measures of central tendency, dispersion, correlation, probability, estimation and hypothesis testing. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

ORGL3100 Skills in Organizational Leadership - 3 s.h.

Emphasis on being a change agent in the organization; diagnosis, solution, and monitoring of system-wide change issues; developing the workforce by building effective teams and monitoring career development. Anticipation of change, overcoming resistance; intervention and negotiation strategies, and effective communication. Includes a focus on development as a systematic, continuing process designed to improve an organization and its employees' ability to deal with change.

ORGL3200 Concepts and Theories of Leadership - 3 s.h.

Promotes leadership development through the study of leadership theory and concepts and encourages the practical application of leadership at all levels. Includes historical approaches to leadership and focuses on important contemporary leadership perspectives such as Situational Leadership, Transformational Leadership, Servant Leadership and Principle-Centered Leadership. Through an examination of leadership theory, individual research, self-assessments and reflection as well as case studies, students will create a personal leadership assessment and development plan.

ORGL4100 Ethical Leadership in a Global Society - 3 s.h.

Emphasis on dealing with leadership issues and challenges in a global context, taking into account factors such as social mores, norms, folkways, traditions, legal systems, religions, customs, business and cultural contexts, and government influence. Dealing with ethical issues in an organization considering the social, traditional, and legal aspects. Understanding and avoiding pressures of ethnocentrism, situational ethics, and other leadership challenges in a poly-cultural and multinational work environment. A work/study project, done in a work environment, or a significant research paper on a timely organizational leadership topic will be required. Goal 3E.

PEAC3210 Conflict Management and Dialogue (Also COMM/SOCI3210) - 3 s.h.

An examination of conflict theories and approaches, negotiation process, conflict ethics, and third party mediation. In this class, students will become familiar with the causes of conflict as well as ways strategies and tactics used in conflict management. Further, this class will explore the foundational theoretical concepts and models of dialogue in the context of conflict management. +This course is only offered every other year.

Organizational Leadership Certificate

Students wishing to earn the Organizational Leadership certificate must complete the following 9 credit hours with Graceland University.

ORGL3100 Skills in Organizational Leadership – 3 s.h.

ORGL4100 Ethical Leadership in a Global Society – 3 s.h.

COMM/PEAC/SOCI3210 Conflict Management and Dialogue – 3 s.h.

Courses Offered

CHEM1340 Forensic Chemistry with Lab

COMM3210 Conflict Management and Dialogue (Also SOCI/PEAC3210)

CRMJ1200 Introduction to Criminal Justice

CRMJ1400 Introduction to Forensic Psychology (also PSYC1400)

CRMJ2100 History of Terrorism (also HIST2100)

CRMJ2460 Multicultural Policing

CRMJ3100 Law and the Justice System

CRMJ3220 Criminal Investigation

CRMJ3240 Terrorism and Homeland Security

CRMJ3351 Community-Based Corrections

CRMJ3420 Drugs in Society

CRMJ3500 Criminal Law (also POLS3500)

CRMJ3520 Juvenile Delinquency and Juvenile Justice

CRMJ4700 Criminal Justice Internship

HIST2100 History of Terrorism (also CRMJ2100)

MATH1370 Statistics for Sciences

ORGL3100 Skills in Organizational Leadership

ORGL4100 Ethical Leadership in a Global Society

POLS3500 Criminal Law (also CRMJ3500)

PSYC1300 Introductory Psychology

PSYC1400 Introduction to Forensic Psychology (also CRMJ1400)

PSYC2250 Developmental Psychology

PSYC3310 Social Psychology

PSYC3330 Behavioral Neuroscience

PSYC3340 Personality

PSYC3370 Cross Cultural Psychology

PSYC3380 Abnormal Psychology

PSYC3390 Cognitive Psychology

PSYC3510 Research Methods

PSYC3520 Research Methods Two

PSYC4360 Senior Internship

PSYC4430 Theory and Practice of Counseling

Course Descriptions

CHEM1340 Forensic Chemistry with Lab - 4 s.h.

This course will expose students to the field of forensic science primarily using chemical forensics and testing. Topics include evidence collection and preservation, drugs and drug chemistry, heat and explosions, poisons and others. The course will cover basic chemical concepts needed to plan, execute, and interpret forensic results. All necessary scientific concepts will be developed in the context of forensic science. Additional fee required. ELO6 Science - World Citizenship, ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences

COMM3210 Conflict Management and Dialogue (Also SOCI/PEAC3210) - 3 s.h.

An examination of conflict theories and approaches, negotiation process, conflict ethics, and third party mediation. In this class, students will become familiar with the causes of conflict as well as ways strategies and tactics used in conflict management. Further, this class will explore the foundational theoretical concepts and models of dialogue in the context of conflict management. +This course is only offered every other year.

CRMJ1200 Introduction to Criminal Justice - 3 s.h.

A survey of the structure and process of the criminal justice system, including the study of law enforcement, criminal courts, and correctional agencies. ELO5 Social Science - Peace, ELO5 Social Science - Equality and Peace

CRMJ1400 Introduction to Forensic Psychology (also PSYC1400) - 3 s.h.

Explores the differing, yet varied facets of the field of forensic psychology including landmark legal cases relevant to psychology, potential careers in forensic psychology, police psychology, expert testimony, forensic psychological assessment, psychopathy, homeland security, ethics, correctional psychology, and issues in working in the juvenile justice system.

CRMJ2100 History of Terrorism (also HIST2100) - 3 s.h.

A survey of the concept of terrorism, from the French Revolution to present day. Students will critically interrogate the varied meanings of the term, the use of the term to delegitimize opponents, and the problematic nature of the concept of terrorism.

CRMJ2460 Multicultural Policing - 3 s.h.

This course focuses on the challenges present in policing multicultural settings. Issues pertaining to understanding diverse cultures and effective communication across cultures from the standpoint of law enforcement are explored in detail. Recommended prerequisite: CRMJ1200.

CRMJ3100 Law and the Justice System - 3 s.h.

An overview of Constitutional law that impacts the American justice system from arrest through trial, punishment to release. Key legal cases and precedents for policing, prosecution, sentencing, and corrections will be covered in depth. Prerequisite: CRMJ2400.

CRMJ3220 Criminal Investigation - 3 s.h.

This course is a comprehensive approach to the examination and treatment of physical evidence as it relates to the criminal justice system. Students will be involved in an interactive learning experience tied to the securing and preserving of crime scenes and maintaining the integrity of trace evidence for future court proceedings. Prerequisite: CRMJ1200.

CRMJ3240 Terrorism and Homeland Security - 3 s.h.

A theoretical and conceptual framework of how domestic and international terrorism arises and functions. Topics discussed will include theories of the world's best terrorist analysts, the historical background on the phenomenon of terrorism, the roots of contemporary conflicts, current conflicts shaping the world stage, emerging groups, and US Homeland Security organizations—including controversies surrounding human rights and protecting civil liberties.

CRMJ3351 Community-Based Corrections - 3 s.h.

Study of the history and design of community-based correctional programs, including probation and parole. The nature and variety of community corrections programs are examined and analyzed. +This course is only offered every other year.

CRMJ3420 Drugs in Society - 3 s.h.

This course provides students with an understanding of United States drug policy, its evolution and current status, and alternatives from throughout the world. Updated with the latest data and research, this course also presents expanded material on cannabis, hallucinogens, the illegal drug business, and global drug policy. This course will explore addiction from a psychological and physiological lens and introduce diversion strategies and restorative justice concepts.

CRMJ3500 Criminal Law (also POLS3500) - 3 s.h.

Survey of the history, scope, and nature of criminal law in the United States. Includes study of the legal process and rules of evidence.

CRMJ3520 Juvenile Delinquency and Juvenile Justice - 3 s.h.

Includes an examination of the nature, extent, and patterns of juvenile delinquency, evaluation of theories and causal explanations of delinquency and investigation of delinquent subcultures, as well as an examination of legal processing and treatment programs for young offenders. PREREQUISITE: SOCI1300 Introduction to Sociology. +This course is only offered every other year.

CRMJ4700 Criminal Justice Internship - 1-3 s.h.

An intensive internship program in appropriate agencies or departments directly related to criminal justice, law enforcement, or corrections. Placements will be supervised by department faculty and developed in conjunction with the interests of the student. (Graded on a Pass/Fail basis.) Prerequisites: CRMJ2400, minimum 3 s.h. upper division Criminal Justice course, major in Criminal Justice, junior/senior status, a minimum GPA of 2.75 or better in the major, and instructor's consent.

HIST2100 History of Terrorism (also CRMJ2100) - 3 s.h.

A survey of the concept of terrorism, from the French Revolution to present day. Students will critically interrogate the varied meanings of the term, the use of the term to delegitimize opponents, and the problematic nature of the concept of terrorism.

MATH1370 Statistics for Sciences - 3 s.h.

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

ORGL3100 Skills in Organizational Leadership - 3 s.h.

Emphasis on being a change agent in the organization; diagnosis, solution, and monitoring of system-wide change issues; developing the workforce by building effective teams and monitoring career development. Anticipation of change, overcoming resistance; intervention and negotiation strategies, and effective communication. Includes a focus on development as a systematic, continuing process designed to improve an organization and its employees' ability to deal with change.

ORGL4100 Ethical Leadership in a Global Society - 3 s.h.

Emphasis on dealing with leadership issues and challenges in a global context, taking into account factors such as social mores, norms, folkways, traditions, legal systems, religions, customs, business and cultural contexts, and government influence. Dealing with ethical issues in an organization considering the social, traditional, and legal aspects. Understanding and avoiding pressures of ethnocentrism, situational ethics, and other leadership challenges in a poly-cultural and multinational work environment. A work/study project, done in a work environment, or a significant research paper on a timely organizational leadership topic will be required. Goal 3E.

POLS3500 Criminal Law (also CRMJ3500) - 3 s.h.

Survey of the history, scope, and nature of criminal law in the United States. Includes study of the legal process and rules of evidence.

PSYC1300 Introductory Psychology - 3 s.h.

An introductory survey of psychological methods and thoughts as they relate to human experience and behavior. Topics include the role of the central nervous system in mediating behavior, learning and memory, states of awareness, motivation and emotion, personality, psychological disorders, and therapy. ELO5 Social Science – Innovation, GE3E Liberal Learning-Social Sciences.

PSYC1400 Introduction to Forensic Psychology (also CRMJ1400) - 3 s.h.

Explores the differing, yet varied facets of the field of forensic psychology including landmark legal cases relevant to psychology, potential careers in forensic psychology, police psychology, expert testimony, forensic psychological

assessment, psychopathy, homeland security, ethics, correctional psychology, and issues in working in the juvenile justice system.

PSYC2250 Developmental Psychology - 3 s.h.
The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

PSYC3310 Social Psychology - 3 s.h.
The study of how people think, feel, and behave in social situations. Attention given to research and application to social perception, interaction, and influence. Prerequisite: PSYC1300 or SOCI1300.

PSYC3330 Behavioral Neuroscience - 3 s.h.
Examination of the biological substrates of behavior. Topics include synaptic transmission and patterns of neural activity, sleep and arousal, learning and memory, motivation, emotion, neurological diseases, traumatic brain injuries. Prerequisites: PSYC1300 and 3 additional hours of psychology. This course is offered every other year.

PSYC3340 Personality - 3 s.h.
A study of personality from dispositional, psychodynamic, humanistic, and behavioral perspectives and of the application of personality perspectives to current issues. Prerequisite: PSYC1300 and 3 additional hours of psychology.

PSYC3370 Cross Cultural Psychology - 3 s.h.
Study of psychological theories and empirical findings relating to variations in cultures. Prerequisite: PSYC1300. ELO4 Global Learning - World Citizenship, ELO4 Global Learning - Equality and Peace.

PSYC3380 Abnormal Psychology - 3 s.h.
A study of the disorders outlined in the current diagnostic statistical manual. Emphasis will be on etiology, symptoms, and methods of treatment. Prerequisite: PSYC1300.

PSYC3390 Cognitive Psychology - 3 s.h.
Research and theory in areas of cognitive psychology, including attention; memory acquisition, storage, and retrieval; language comprehension; and problem solving. Prerequisite: PSYC1300 and 3 additional hours of psychology. This course is only offered every other year.

PSYC3510 Research Methods - 3 s.h.

A survey of the principles and practices of social research, including research ethics, experimental design, surveys, in-depth interviews, content analysis, participant observation, and field studies. Students also learn to write in scientific journal style. Prerequisite: 6 additional hours of psychology, sociology, or criminal justice.

PSYC3520 Research Methods Two - 3 s.h.
Development and implementation of an original research project. Prerequisite: PSYC3510 and 6 additional hours of psychology, sociology, or criminal justice.

PSYC4360 Senior Internship - 1-4 s.h.
Placement with external agency for application of knowledge, theory, and skills from the major in a professional setting. Pre-requisites: Psychology major, senior standing, 2.0 cumulative GPA, 3.0 GPA in the major, consent of supervising faculty. Students should enroll in 1 credit for every 50 hours that will be volunteered in the sponsor organization (with a maximum of 4 credits). Completion of the Senior Internship application with approval from agency sponsor and supervising faculty.

PSYC4430 Theory and Practice of Counseling - 3 s.h.
A course designed to explore characteristics of counselors, characteristics of clients, basic counseling techniques, and current theories of counseling. Prerequisite: PSYC1300 and 6 additional hours of psychology.

Course list - Organizational Leadership

Courses Offered

ORGL3100 Skills in Organizational Leadership

ORGL3200 Concepts and Theories of Leadership

ORGL4100 Ethical Leadership in a Global Society

Course Descriptions

ORGL3100 Skills in Organizational Leadership - 3 s.h.
Emphasis on being a change agent in the organization; diagnosis, solution, and monitoring of system-wide change issues; developing the workforce by building effective teams and monitoring career development. Anticipation of change, overcoming resistance; intervention and negotiation strategies,

and effective communication. Includes a focus on development as a systematic, continuing process designed to improve an organization and its employees' ability to deal with change.

ORGL3200 Concepts and Theories of Leadership - 3 s.h.

Promotes leadership development through the study of leadership theory and concepts and encourages the practical application of leadership at all levels. Includes historical approaches to leadership and focuses on important contemporary leadership perspectives such as Situational Leadership, Transformational Leadership, Servant Leadership and Principle-Centered Leadership. Through an examination of leadership theory, individual research, self-assessments and reflection as well as case studies, students will create a personal leadership assessment and development plan.

ORGL4100 Ethical Leadership in a Global Society - 3 s.h.

Emphasis on dealing with leadership issues and challenges in a global context, taking into account factors such as social mores, norms, folkways, traditions, legal systems, religions, customs, business and cultural contexts, and government influence. Dealing with ethical issues in an organization considering the social, traditional, and legal aspects. Understanding and avoiding pressures of ethnocentrism, situational ethics, and other leadership challenges in a poly-cultural and multinational work environment. A work/study project, done in a work environment, or a significant research paper on a timely organizational leadership topic will be required. Goal 3E.

Performing Arts

Bachelor of Arts Degree



BA Degree - Performing Arts Major - Foundation Courses

In addition to the general education requirements, students majoring in Performing Arts must complete at least one of the following concentrations (Dramatic Media, Business and Entrepreneurship, or Performance Studies):

Performing Arts Foundation Courses required for all concentrations (10 s.h. minimum):

THTR1300 Acting and Performing – 3 s.h.

PART1100 Performing Arts: Stagecraft and Technology – 3 s.h.

PART2400 Career Planning and Professional Development – 0-2 s.h.
(Repeated each semester of degree study, maximum of 4 credits.)

PART2500 Performing Arts Practicum **or** Choose one: MUSC1140, MUSC1300, MUSC1310, MUSC1600, MUSC1700, or MUSC1800 – 0-2 s.h.
(Repeated each semester of degree study 1st and 2nd year.)

PART3100 Principals of Performing Arts: Business and Entrepreneurship – 3 s.h.

PART3400 Advanced Career Planning and Professional Development – 0-2 s.h.
(Repeated each semester of degree study, maximum of 4 credits.)

PART4400 Senior Capstone – 1-3 s.h.

PART4500 Advanced Performing Arts Practicum **or** Choose one: MUSC3110, MUSC3130, MUSC3140, MUSC3150, MUSC3180, or MUSC3190 – 0-2 s.h.
(Repeated each semester of degree study 3rd and 4th year.)

Courses Offered

MUSC1140 Chamber Singers

MUSC1300 Concert Choir

MUSC1310 Graceland Harmonium

MUSC1600 Jazz Ensembles

MUSC1700 Symphonic Band

MUSC1800 Chamber Ensemble Performance

MUSC3110 Advanced Graceland Harmonium

MUSC3130 Advanced Chamber Ensemble Performance

MUSC3140 Advanced Chamber Singers

MUSC3150 Advanced Graceland Choir

MUSC3180 Advanced Jazz Ensemble

MUSC3190 Advanced Symphonic Band

PART1100 Performing Arts Stagecraft and Technology

PART2100 Fundamentals of Dramatic Media Design

PART2400 Career Planning and Professional Development

PART2500 Performing Arts Practicum

PART3100 Principles of Performing Arts Business and Entrepreneurship

PART3400 Advanced Career Planning and Professional Development

PART4400 Senior Capstone

PART4500 Advanced Performing Arts Practicum

THTR1300 Acting and Performing

Course Descriptions

MUSC1140 Chamber Singers - 0-1 s.h.

Vocal chamber ensemble of sixteen to twenty-four singers selected on the basis of voice quality, musicianship, blend, and sight-singing ability. Chamber Singers form on and off campus. Consent of instructor required.

MUSC1300 Concert Choir - 0-1 s.h.

Graceland's largest choir offers students from all majors the opportunity to express themselves through secular and sacred choral music. Members are expected to participate on a leadership level. Concert Choir performs both on and off campus. May be repeated for credit. Please contact the Director of Choral Activities for a placement hearing.

MUSC1310 Graceland Harmonium - 0-1 s.h.

The Graceland Harmonium is the elite choral ensemble on campus, limited to a maximum of 20 members. Focus on learning and performing advanced repertoire, including those not traditionally performed in university choirs, with attention to advanced vocal technique and skills. Genres included (but not limited to): Classical, pop, jazz, gospel, a cappella, and Broadway. Audition and instructor consent required. May be repeated for credit.

MUSC1600 Jazz Ensembles - 0-1 s.h.

The Graceland Jazz Ensemble offers students from all majors the opportunity to express themselves through the study and preparation of standard jazz band literature. Repertoire for the GU Jazz Band is chosen from high quality jazz ‘tunes' spanning a diverse range of styles/genres including Swing, Big Band, Latin, Funk, Be-Bop, Cool, and Ballads. The Jazz Band performs at least two concerts each semester. Consent of instructor required.

MUSC1700 Symphonic Band - 0-1 s.h.

The Graceland Symphonic Band offers students from all majors the opportunity to express themselves through the study and preparation of standard and contemporary band literature. The repertoire is chosen from a diverse selection of high quality wind band and chamber wind masterworks by well-known composers. The Symphonic Band performs two concerts per semester. Consent of instructor required.

MUSC1800 Chamber Ensemble Performance - 0-1 s.h.

The study and performance of music through participation in a small ensemble. Regularly scheduled rehearsals and public performance. (Will not count as an ensemble for music majors). May be repeated. Consent of Instructor required.

MUSC3110 Advanced Graceland Harmonium - 0-1 s.h.

The Graceland Harmonium is the elite choral ensemble on campus, limited to a maximum of 20 members. Focus on learning and performing advanced repertoire, including those not traditionally performed in university choirs, with attention to advanced vocal technique and skills. Genres included (but not limited to): Classical, pop, jazz, gospel, a cappella/glee, and Broadway. Members are expected to participate on a leadership level. Audition and instructor consent required. Requires two semesters of MUSC 1310 (Graceland Harmonium) AND Junior standing. May be repeated for credit. Co-Requisite: either MUSC 1300 or MUSC 3110

MUSC3130 Advanced Chamber Ensemble Performance - 0-1 s.h.

Participation on a leadership level in a small ensemble. (Will not count as an ensemble for music majors). May be repeated for credit. Consent of instructor required.

MUSC3140 Advanced Chamber Singers - 0-1 s.h.

Vocal chamber ensemble of sixteen to twenty-four singers selected on the basis of voice quality, musicianship, blend, and sight-singing ability. Members are expected to participate on a leadership level. Chamber Singers perform on and off campus. Consent of instructor required.

MUSC3150 Advanced Graceland Choir - 0-1 s.h.

Graceland's largest choir offers students from all majors the opportunity to express themselves through secular and sacred choral music. Members are expected to participate on a leadership level. Concert Choir performs both on and off campus. May be repeated for credit. Requires three semesters

of MUSC 1300 (Concert Choir) AND Junior standing. Please contact the Director of Choral Activities for a placement hearing.

MUSC3180 Advanced Jazz Ensemble - 0-1 s.h.

The Graceland Jazz Ensemble offers students from all majors the opportunity to express themselves through the study and preparation of standard jazz band literature. Participation is on a leadership level. Repertoire for the GU Jazz Band is chosen from high quality jazz 'tunes' spanning a diverse range of styles/genres including Swing, Big Band, Latin, Funk, Be-Bop, Cool, and Ballads. The Jazz Band performs at least two concerts each semester. Consent of instructor required.

MUSC3190 Advanced Symphonic Band - 0-1 s.h.

The Graceland Symphonic Band offers students from all majors the opportunity to express themselves through the study and preparation of standard and contemporary band literature. Participation is on a leadership level. The repertoire is chosen from a diverse selection of high quality wind band and chamber wind masterworks by well-known composers. The Symphonic Band performs two concerts per semester. Consent of instructor required.

PART1100 Performing Arts Stagecraft and Technology - 3 s.h.

A study of the fundamental elements, practices, and techniques used in scenic construction, lighting, audio production, and music technology in the performing arts industry. Investigation of how all the technical areas work together in different performance spaces.

PART2100 Fundamentals of Dramatic Media Design - 3 s.h.

An interdisciplinary course that explores the vital role of design in bringing narratives to life across various mediums. Students will examine how set, costume, light, and sound designs contribute to storytelling in theatre, film, and new media platforms. Through practical workshops, lectures, and collaborative projects, participants will engage in the creative process, learning to interpret a variety of scripts and conceptualize visual narratives while considering the unique challenges and opportunities each medium presents. Emphasizing critical thinking and innovation, this course aims to equip students with the skills to create immersive experiences that resonate with audiences in a rapidly evolving artistic landscape.

PART2400 Career Planning and Professional Development - 0-2 s.h.

This course is designed to equip students with the essential skills and knowledge needed to navigate and succeed in the competitive performing arts industry. Through a combination of practical workshops, guest lectures from industry professionals, and personalized mentoring, students will explore various career paths, networking strategies, and the art of self-promotion. Students will engage in peer-critiqued presentations and performances that prepare them for real-world scenarios, fostering both artistic and entrepreneurial growth. Reading, analysis, and discussion of modern critical theory pertaining to music, theatre, design, and performance. Required attendance at all Performing Arts events. Restricted to Performing Arts majors with Freshman/Sophomore standing. Repeated each semester of degree study (2 credits total. (Graded on a Pass/Fail basis.)

PART2500 Performing Arts Practicum - 0-2 s.h.

Participation in a Performing Arts production in one of the following areas: performance, directing, stage management, technical production, or design. Students must contribute a minimum of 35 clock hours of activity, which shall be exclusive of assignments and activities pertaining to other courses. Restricted to Performing Arts majors with Freshman/Sophomore standing. Alternatively, students may opt to take one of the following classes to fulfill this course requirement: MUSC 1120 (Yellowjacket Drumline), MUSC1140 (Chamber Singers), MUSC1300 (Concert Choir), MUSC1310 (Graceland Harmonium), MUSC1600 (Jazz Ensemble), MUSC1700 (Symphonic Band), or MUSC1800 (Chamber Ensemble Performance). Total credits accumulated in this course plus PART4500 may not exceed eight.

PART3100 Principles of Performing Arts Business and Entrepreneurship - 3 s.h.

A broad, yet intensive, study of best practices and resources essential to the development of and participation in arts-focused businesses. Students will engage with many elements of the performing arts industry including copyright, publishing, and distribution; artist management; trade groups and unions; and business practices for stage, screen, and new media. Aspects of this course will draw from the personal and professional experiences of industry professionals.

PART3400 Advanced Career Planning and Professional Development - 0-2 s.h.

This course is designed to equip students with the essential skills and knowledge needed to navigate and succeed in the competitive performing arts industry. Through a combination of practical workshops, guest lectures from industry professionals, and personalized mentoring, students will

explore various career paths, networking strategies, and the art of self-promotion. Students will engage in peer-critiqued presentations and performances that prepare them for real-world scenarios, fostering both artistic and entrepreneurial growth. Reading, analysis, and discussion of modern critical theory pertaining to music, theatre, design, and performance. Required attendance at all Performing Arts events. Restricted to Performing Arts majors with Junior/Senior standing. Repeated each semester of degree study (2 credits total.) (Graded on a Pass/Fail basis.)

PART4400 Senior Capstone - 1-3 s.h.

Students enrolled in this course will complete their senior project, recital, or performance that best aligns with their chosen concentration, including a thesis paper that demonstrates their process, results, and post-mortem. Students choosing a recital option must pass a pre-recital jury before the Performing Arts faculty one month prior to the scheduled senior recital. Project focus/recital literature subject to faculty approval. Restricted to Performing Arts majors with Senior status who have successfully passed PART2400 and PART3400 (Career Planning and Professional Development).

PART4500 Advanced Performing Arts Practicum - 0-2 s.h.

Participation in a Performing Arts production in one of the following areas: performance, directing, stage management, technical production, or design. Students must contribute a minimum of 35 clock hours of activity, which shall be exclusive of assignments and activities pertaining to other courses. Students enrolled in Advanced Practicum are expected to hold leadership positions in Performing Arts productions. Restricted to Performing Arts majors with Junior/Senior standing. Alternatively, students may opt to take one of the following classes to fulfill this course requirement: MUSC 3120 (Adv.

THTR1300 Acting and Performing - 3 s.h.

This course is designed to equip students with essential skills in performance techniques, character development, and stage presence. Through a combination of scene study and acting exercises, participants will experience a variety of acting methods and techniques while gaining confidence in front of an audience. The course emphasizes collaboration, creativity, and critical analysis, allowing students to enhance their understanding of dramatic texts and improve their expressive abilities in performing. By the end of the course, students will showcase their work in a final performance, demonstrating their growth as performers and as artists. GE3A Liberal Learning - Arts.

Performing Arts Major - Dramatic Media Concentration

Dramatic Media Concentration

In addition to the Performing Arts Foundation courses, Dramatic Media students will take additional coursework outlined below (27 s.h. minimum):

Choose one ARTS course that best aligns with your interests – 3 s.h.

PART2100 Fundamentals of Dramatic Media Design – 3 s.h.

THTR2240 Dramatic Media Stagecraft – 3 s.h.

THTR3110 Script Analysis and Dramatic Literature OR MUSC1230 Aural Skills I and MUSC1150 Music Theory I – 3-4 s.h.

THTR3150 Writing for Stage, Screen, and New Media – 3 s.h.

THTR3330 Dramatic Media History OR MUSC2360 Jazz History – 3 s.h.

ENGL3530 Digital Filmmaking OR THTR4130 Directing for Dramatic Media – 3 s.h.

Electives (6 s.h.) choose from courses above not used or following:

- BUAD1400 Personal Finance
- BUAD3210 Social Media Marketing
- COMM2500 Introduction to Mass Media
- COMM3500 Digital Discourses in Media
- ENGL2510 Introduction to Film
- MUSC1150 Music Theory I
- MUSC1230 Aural Skills I
- MUSC2350 Musics of the World
- MUSC2360 Jazz History
- MUSC3210 Music Technology
- MUSC3230 Orchestra and Arranging
- PART3900 Topics in Performing Arts
- THTR1230 Theatre and Society
- THTR3110 Script Analysis and Dramatic Literature
- THTR3340 Musical Theatre History
- THTR4110 Stage and Musical Directing

Courses Offered

ARTS1680 Graphic Design 1

BUAD1400 Personal Finance

BUAD3210 Social Media Marketing

COMM2500 Introduction to Mass Media

COMM3500 Digital Discourses in Media

ENGL2510 Introduction to Film

ENGL3530 Digital Filmmaking

MUSC1150 Music Theory I

MUSC1230 Aural Skills I

MUSC2350 Musics of the World

MUSC2360 Jazz History

MUSC3210 Music Technology

MUSC3230 Orchestration and Arranging

PART3200 Page to Stage: Design in Theatre, Film, and New Media

PART3900 Topics in Performing Arts

THTR1230 Theatre and Society

THTR2240 Dramatic Media Stagecraft

THTR3110 Script Analysis and Dramatic Literature

THTR3150 Writing for Stage, Screen, and New Media

THTR3330 Dramatic Media History

THTR3340 Musical Theatre History

THTR4110 Stage and Musical Directing

THTR4130 Directing for Dramatic Media

Course Descriptions

ARTS1680 Graphic Design 1 - 3 s.h.
A technical course exploring the digital tools used in the graphic design industry. Students are exposed to the function, theory, and use of industry-standard computer hardware, software, and basic digital design principles utilized in the production of graphic design.

BUAD1400 Personal Finance - 3 s.h.
An overview of personal financial management, including investment, taxation, insurance and credit.

BUAD3210 Social Media Marketing - 3 s.h.
This course provides a comprehensive overview, with hands-on experience, of Social Media Marketing. The most basic objectives of the course are to provide students with a broad introduction to social media marketing concepts and techniques using the latest online tools combined with practical "real world" application. There will be an emphasis on strategic use of tools, effective design and contemporary marketing techniques. Students will build and maintain real world marketing campaigns.

COMM2500 Introduction to Mass Media - 3 s.h.
An examination of the various landmark theories, such as rhetorical, Marxist, and feminist to analyze popular culture, with an emphasis on the importance of communication in the production and consumption of culture. Students will study the development of culture by applying different theories or 'lenses' to cultural artifacts including music, movies, advertisements, clothing, etc. GE3C Liberal Learning-Humanities +This course is only offered every other year.

COMM3500 Digital Discourses in Media - 3 s.h.
An exploration of the emergence of new communication practices as well as their social, political, cultural, and economic impact in personal, community, cultural, social, institutional, and international life. Specific attention will be given to the ways social media influence and shape matters of ethics and privacy, how we see ourselves and others, how we interact formally and informally, and how we do business. ELO4 Global Learning - Innovation +This course is only offered every other year.

ENGL2510 Introduction to Film - 3 s.h.
Study of cinema as an artistic endeavor, form of rhetoric, cultural mirror, and purveyor of ideology. Introduces the fundamentals of the discipline, to include vocabulary, concepts of film production, film reception, film analysis, film interpretation, and film criticism. Exploration of the artistic, commercial, entertainment, and ideological relationships

between cinema and American culture, along with practice in the film literacy skills needed to qualitatively assess and communicate cinema's artistic and cultural contributions. ELO5 Humanities - Innovation.

ENGL3530 Digital Filmmaking - 3 s.h.

A hands-on introduction to digital film production and editing. Introduces the technical knowledge need to investigate the creative possibilities of composition, light, motion, color and sound in shooting digital film. Examines the fundamentals of nonlinear editing, including continuity development, logging clips, audio tracks, and transitions. Additional fee required. Prerequisites: ENGL2510 or instructor consent. +This course is only offered every other year.

MUSC1150 Music Theory I - 3 s.h.

Encompasses the study of intervals, scales, and triads combined with sight singing and dictation of the same elements, as well as rhythmic dictation.

MUSC1230 Aural Skills I - 1 s.h.

Aural Skills I focuses on beginning study of sight singing, rhythmic performance, dictation (melodic, harmonic, rhythmic), and related skills, all designed to develop the student's musical ear to the highest degree possible. This course is intended to be taken concurrently with Music Theory I. In the case of transfer students, an aural proficiency exam will be administered to determine placement.

MUSC2350 Musics of the World - 3 s.h.

Explores the musical history of the planet's diverse human communities. Music is not one universal language but a group of languages that express, shape and record human experience. An intensive study of how music works within the social and cultural context including a specific examination of indigenous music of West Africa, Latin America, China, Indonesia, and Japan. ELO5 Arts - World Citizenship, ELO5 Arts - Equality and Peace, GE3E Liberal Learning-Arts.

MUSC2360 Jazz History - 3 s.h.

Introduction to various jazz styles and performers through the listening, discussion, and lecture of important and representative musical works from each of these periods. A significant focus will be on the relationship between the music, style, and social and economic fabric. ELO5 Arts - Innovation.

MUSC3210 Music Technology - 3 s.h.

An in-depth, practical examination of contemporary approaches to creating and editing music using both hardware and computer software for live and digital environments. Topics

include designing sound via MIDI sequencing/virtual instruments, music notation software, the history of the music recording industry, and creating for various media including soundtracks, sound/character effects, and video games. Prerequisite: PART1100 Performing Arts Stagecraft & Technology

MUSC3230 Orchestration and Arranging - 3 s.h.

This course covers the anatomy & physiology of musical ensembles, both instrumental and vocal. The primary goals of this course are (1) to provide students with a fundamental understanding of orchestral, wind, and vocal ensembles and how they are structured, (2) to teach students how to compose and arrange music for various ensembles, and (3) to give students tools to study and understand scores for both large and small ensembles. By studying and analyzing important pieces of musical literature from the 18th century to the present and applied practice in both composing original works and arranging pieces for different ensemble settings, this course will help students prepare for careers as conductors, professional players, and/or composers and arrangers. Prerequisites: MUSC1160 Music Theory II

PART3200 Page to Stage: Design in Theatre, Film, and New Media - 3 s.h.

An interdisciplinary course that explores the vital role of design in bringing narratives to life across various mediums. Students will examine how set, costume, light, and sound designs contribute to storytelling in theatre, film, and new media platforms. Through practical workshops, lectures, and collaborative projects, participants will engage in the creative process, learning to interpret a variety of scripts and conceptualize visual narratives while considering the unique challenges and opportunities each medium presents. Emphasizing critical thinking and innovation, this course aims to equip students with the skills to create immersive experiences that resonate with audiences in a rapidly evolving artistic landscape.

PART3900 Topics in Performing Arts - 2-3 s.h.

Advanced study of a selected area in the performing arts: performance, design, technology, history, management, dramaturgy, theory, trends, etc. May be repeated for credit.

THTR1230 Theatre and Society - 3 s.h.

Designed to develop an understanding of how Theatre and society coexist in our world. Course fosters an appreciation for the theatre artist's skills and expertise. In this course students experience acting, design, and playwriting through collaborative group projects and interactive assignments. Students will explore the complex relationship between

Theatre and society from the past to the present through presentations and class discussions. ELO5 Arts - Equality, ELO5 Arts - Equality and Peace, GE3A Liberal Learning-Arts.

THTR2240 Dramatic Media Stagecraft - 3 s.h.

This course is an immersive, concentrated study of the technical aspects of theatre, film, and new media stage production. Students will engage in hands-on projects, learning to collaborate effectively in a team environment while applying industry-standard practices. This course emphasizes the integration of technology with traditional stagecraft techniques, preparing students for various roles in theater production and media environments. Through lecture demonstrations, lab workshops, and practical experiences, students will develop creative thinking and problem-solving skills essential in the fast-paced world of stagecraft and technology. Prerequisite: PART1100 Performing Arts Stagecraft & Technology.

THTR3110 Script Analysis and Dramatic Literature - 4 s.h.

An in-depth exploration of significant plays and scripts from various genres and time periods, focusing on themes, structure, and performance elements. Students will analyze key texts, examine their cultural and historical contexts, and engage in discussions about character development, dialogue, and the evolution of dramatic forms. Through readings, discussions, and written analyses, participants will enhance their critical thinking and appreciation for dramatic arts. Overall, this course prepares students for a deeper understanding of the craft of storytelling in both theatre and film.

THTR3150 Writing for Stage, Screen, and New Media - 3 s.h.

This course explores the fundamental principles of storytelling across various platforms, including theater, film, and digital mediums. Students will engage in the development of scripts, focusing on character creation, dialogue, structure, and pacing, while also considering the unique demands and opportunities each medium presents. Through workshops, peer critiques, and the analysis of existing works, participants will enhance their writing skills and gain an understanding of industry standards and practices, culminating in the creation of original pieces tailored to stage, screen, or new media formats.

THTR3330 Dramatic Media History - 3 s.h.

This course explores the evolution of performance and storytelling through various media forms, including theater, film, television, and digital platforms. Students examine key

historical movements, influential artists, and technological advancements that have shaped dramatic expressions across cultures and eras. By analyzing texts, performances, and critical theories, the course encourages a deeper understanding of how media reflects and influences societal values, identity, and aesthetic trends, while fostering critical thinking and media literacy. Engaging discussions, presentations, and screenings enhance students' appreciation for the rich tapestry of dramatic arts throughout history. +This course is only offered every other year. GE3A Liberal Learning-Arts.

THTR3340 Musical Theatre History - 3 s.h.

This course offers a comprehensive exploration of the evolution of musical theatre, tracing its origins from early theatrical traditions to contemporary productions. Students will examine key works, influential figures, and stylistic developments within the genre, considering how social, political, and cultural contexts have shaped its transformation. Through lectures, discussions, and performance analyses, participants will gain insight into the various elements that define musical theatre, including music, lyrics, choreography, and narrative structure, fostering an appreciation for its role as a dynamic form of artistic expression. +This course is only offered every other year.

THTR4110 Stage and Musical Directing - 3 s.h.

This course is for aspiring directors looking to develop their skills in staging, interpretation, and collaboration within theatrical and musical contexts. Students will explore fundamental directing techniques, including script analysis, character development, and the creation of cohesive visions for performances. Through hands-on scene work, guided exercises, and collaborative projects, students will gain practical experience in leading rehearsals, working with actors, and integrating elements of music and choreography. This course will also cover the historical and contemporary landscape of directing, providing insight into the artistic and logistical challenges directors face. By the end of the course, students will have crafted a variety of short, directed scenes and at least one musical number, showcasing their understanding of the director’s role and enhancing their confidence to lead a production.

THTR4130 Directing for Dramatic Media - 3 s.h.

An applied study of the principles and techniques of directing for film, television, and theatre that will engage the students in developing their unique voice, visual storytelling, and the art of working with actors, cinematographers, and production teams. The final project in this course will be a realized one-act production or short film that showcases directorial vision and

skills, offering a comprehensive experience that prepares students for careers in the industry. Prerequisite: THTR4110 Stage and Musical Directing

Performing Arts Major - Performance Studies Concentration

Performance Studies Concentration

In addition to the Performing Arts Foundation courses, Performance Studies students will take additional coursework outlined below (26 s.h. minimum):

MUSC1430 Choral Diction and Literature OR THTR3200 Dialects and Diction OR MUSC3230 Orchestration and Arranging – 3 s.h.

THTR2220 Acting Styles: Movement and Voice OR Applied/Advanced Applied Lessons (MUSC1510, MUSC1530, MUSC1610, MUSC1630, MUSC1650, MUSC1670, MUSC1750, MUSC3510, MUSC3530, MUSC3610, MUSC3630, MUSC3650, MUSC3670, MUSC3750) – 3 s.h.

THTR3110 Script Analysis and Dramatic Literature OR MUSC1160 Music Theory II and MUSC2140 Aural Skills II – 3-4 s.h.

THTR3240 Audition Techniques OR MUSC1150 Music Theory I and MUSC1230 Aural Skills I – 3-4 s.h.

THTR3330 Dramatic Media History OR MUSC2200 Music History I: Antiquity to Baroque – 3 s.h.

THTR3340 Musical Theatre History OR MUSC2400 Music History II: Classical to Present-Day – 3 s.h.

Electives (6 s.h.) choose from courses above not used or following:

- BUAD1100 Introduction to Business
- BUAD1400 Personal Finance
- BUAD3210 Social media Marketing
- MUSC2340 Conducting I
- MUSC2350 Musics of the World
- MUSC2360 Jazz History
- MUSC3210 Music Technology
- MUSC3230 Orchestra and Arranging

PART3200 Page to Stage: Design in Theatre, Film, and New Media

PART3900 Topics in Performing Arts

THTR1230 Theatre and Society

THTR2240 Dramatic Media Stagecraft

THTR3150 Writing for Stage, Screen, and New Media

THTR4110 Stage and Musical Directing

Courses Offered

BUAD1100 Introduction to Business

BUAD1400 Personal Finance

BUAD3210 Social Media Marketing

MUSC1150 Music Theory I

MUSC1160 Music Theory II

MUSC1230 Aural Skills I

MUSC1430 Choral Diction and Literature

MUSC1510 Applied Keyboard: Organ

MUSC1530 Applied Keyboard: Piano

MUSC1610 Applied Instruments: Brass

MUSC1630 Applied Instruments: Percussion

MUSC1650 Applied Instruments: Strings

MUSC1670 Applied Instruments: Woodwinds

MUSC1750 Applied Voice

MUSC2140 Aural Skills II

MUSC2200 Music History I: Antiquity to Baroque

MUSC2340 Conducting I

MUSC2350 Musics of the World

MUSC2360 Jazz History

MUSC2400 Music History II: Classical to Present Day

MUSC3210 Music Technology

MUSC3230 Orchestration and Arranging

MUSC3510 Advanced Applied Keyboard: Organ

MUSC3530 Advanced Applied Keyboard: Piano

MUSC3610 Advanced Applied Instruments: Brass

MUSC3630 Advanced Applied Instruments: Percussion

MUSC3650 Advanced Applied Instruments: Strings

MUSC3670 Advanced Applied Instruments: Woodwinds

MUSC3750 Advanced Applied Voice

PART3200 Page to Stage: Design in Theatre, Film, and New Media

PART3900 Topics in Performing Arts

THTR1230 Theatre and Society

THTR2220 Acting Styles: Movement and Voice

THTR2240 Dramatic Media Stagecraft

THTR3110 Script Analysis and Dramatic Literature

THTR3150 Writing for Stage, Screen, and New Media

THTR3200 Diction and Dialects

THTR3240 Audition Techniques

THTR3330 Dramatic Media History

THTR3340 Musical Theatre History

THTR4110 Stage and Musical Directing

Course Descriptions

BUAD1100 Introduction to Business - 3 s.h.

Introduction to Business is designed to expose students to the many functions of modern business including topics such as management, finance accounting, marketing, production,

computers, international business, small business, investments and other areas of general business interest.

BUAD1400 Personal Finance - 3 s.h.

An overview of personal financial management, including investment, taxation, insurance and credit.

BUAD3210 Social Media Marketing - 3 s.h.

This course provides a comprehensive overview, with hands-on experience, of Social Media Marketing. The most basic objectives of the course are to provide students with a broad introduction to social media marketing concepts and techniques using the latest online tools combined with practical "real world" application. There will be an emphasis on strategic use of tools, effective design and contemporary marketing techniques. Students will build and maintain real world marketing campaigns.

MUSC1150 Music Theory I - 3 s.h.

Encompasses the study of intervals, scales, and triads combined with sight singing and dictation of the same elements, as well as rhythmic dictation.

MUSC1160 Music Theory II - 3 s.h.

Continuation of Music Theory I. Study of diatonic chords in major and minor keys, principles of voice leading and part writing, harmonic progressions, and cadences. Continued sight singing of tonal music and modal melodies, identification and dictation of intervals, melodies, rhythms, chords, and harmonic progressions. Dictation of up to two voices. Prerequisite: MUSC1150 Fundamental Musicianship I with a grade of C or higher.

MUSC1230 Aural Skills I - 1 s.h.

Aural Skills I focuses on beginning study of sight singing, rhythmic performance, dictation (melodic, harmonic, rhythmic), and related skills, all designed to develop the student's musical ear to the highest degree possible. This course is intended to be taken concurrently with Music Theory I. In the case of transfer students, an aural proficiency exam will be administered to determine placement.

MUSC1430 Choral Diction and Literature - 3 s.h.

This course provides an introduction to the basics of the International Phonetic Alphabet, which will be used as an aid to learn accurate pronunciation for singing and vocal performance in foreign languages.

MUSC1510 Applied Keyboard: Organ - 1-2 s.h.

Individual instruction (private lessons) with emphasis on developing skills, improving technique, and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1530 Applied Keyboard: Piano - 1-2 s.h.

Individual instruction (private lessons) with emphasis on developing skills, improving technique, and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1610 Applied Instruments: Brass - 1-2 s.h.

Individual instruction (private lessons) with emphasis on developing skills, improving technique and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1630 Applied Instruments: Percussion - 1-2 s.h.

Individual instruction (private lessons) with emphasis on developing skills, improving technique and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1650 Applied Instruments: Strings - 1-2 s.h.

Individual instruction (private lessons) with emphasis on developing skills, improving technique and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1670 Applied Instruments: Woodwinds - 1-2 s.h.

Individual instruction (private lessons) with emphasis on developing skills, improving technique and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1750 Applied Voice - 1-2 s.h.

Individual instruction (private lessons) in vocal technique, performance, and repertoire. Emphasizes the study of English, American, and Italian art songs and arias. Vocal seminar is required. May be repeated for credit. (Applied music fee.)

MUSC2140 Aural Skills II - 1 s.h.

Aural Skills II is the second semester study of sight singing, rhythmic performance, dictation (melodic, harmonic, rhythmic), and related skills, all designed to develop the student's musical ear to the highest degree possible. This course is intended to be taken concurrently with Music Theory II. Pre-requisite: Students wishing to take Aural Skills II must have passed Aural Skills I with a grade of "C" or higher, in addition to Music Theory I with a grade "C" or higher. In the case of transfer students, an aural proficiency exam will be administered to determine placement.

MUSC2200 Music History I: Antiquity to Baroque - 3 s.h.

Detailed examination of music from the beginnings of Western Civilization through the conclusion of the Baroque period. Emphasis is placed on the listening and study of musical examples. +This course is only offered every other year.

MUSC2340 Conducting I - 3 s.h.

Study of conducting patterns and fundamental techniques including entrance, release, cue, dynamics, and tempo change. Prerequisite: MUSC1160 Music Theory II with a grade of C or better. +This course is only offered every other year.

MUSC2350 Musics of the World - 3 s.h.

Explores the musical history of the planet's diverse human communities. Music is not one universal language but a group of languages that express, shape and record human experience. An intensive study of how music works within the social and cultural context including a specific examination of indigenous music of West Africa, Latin America, China, Indonesia, and Japan. ELO5 Arts - World Citizenship, ELO5 Arts - Equality and Peace, GE3E Liberal Learning-Arts.

MUSC2360 Jazz History - 3 s.h.

Introduction to various jazz styles and performers through the listening, discussion, and lecture of important and representative musical works from each of these periods. A significant focus will be on the relationship between the music, style, and social and economic fabric. ELO5 Arts - Innovation.

MUSC2400 Music History II: Classical to Present Day - 3 s.h.

Study of music from the Classical period through the present day, with attention to the evolution of styles and forms during these eras. Emphasis is placed on listening to examples of the music studied. +This course is only offered every other year.

MUSC3210 Music Technology - 3 s.h.

An in-depth, practical examination of contemporary approaches to creating and editing music using both hardware and computer software for live and digital environments. Topics include designing sound via MIDI sequencing/virtual instruments, music notation software, the history of the music recording industry, and creating for various media including soundtracks, sound/character effects, and video games. Prerequisite: PART1100 Performing Arts Stagecraft & Technology

MUSC3230 Orchestration and Arranging - 3 s.h.

This course covers the anatomy & physiology of musical ensembles, both instrumental and vocal. The primary goals of this course are (1) to provide students with a fundamental understanding of orchestral, wind, and vocal ensembles and

how they are structured, (2) to teach students how to compose and arrange music for various ensembles, and (3) to give students tools to study and understand scores for both large and small ensembles. By studying and analyzing important pieces of musical literature from the 18th century to the present and applied practice in both composing original works and arranging pieces for different ensemble settings, this course will help students prepare for careers as conductors, professional players, and/or composers and arrangers. Prerequisites: MUSC1160 Music Theory II

MUSC3510 Advanced Applied Keyboard: Organ - 1-2 s.h.

For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3530 Advanced Applied Keyboard: Piano - 1-2 s.h.

For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3610 Advanced Applied Instruments: Brass - 1-2 s.h.

For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3630 Advanced Applied Instruments: Percussion - 1-2 s.h.

For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3650 Advanced Applied Instruments: Strings - 1-2 s.h.

For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3670 Advanced Applied Instruments: Woodwinds - 1-2 s.h.

For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3750 Advanced Applied Voice - 1-2 s.h.

Advanced individual instruction (private lessons) in vocal technique, performance, and repertoire. Emphasizes the study of arias and art songs in a variety of languages. For students who have had four semesters of MUSC1750. Vocal seminar required. May be repeated for credit. (Applied music fee.)

PART3200 Page to Stage: Design in Theatre, Film, and New Media - 3 s.h.

An interdisciplinary course that explores the vital role of design in bringing narratives to life across various mediums. Students will examine how set, costume, light, and sound designs contribute to storytelling in theatre, film, and new media platforms. Through practical workshops, lectures, and collaborative projects, participants will engage in the creative process, learning to interpret a variety of scripts and conceptualize visual narratives while considering the unique challenges and opportunities each medium presents. Emphasizing critical thinking and innovation, this course aims to equip students with the skills to create immersive experiences that resonate with audiences in a rapidly evolving artistic landscape.

PART3900 Topics in Performing Arts - 2-3 s.h.

Advanced study of a selected area in the performing arts: performance, design, technology, history, management, dramaturgy, theory, trends, etc. May be repeated for credit.

THTR1230 Theatre and Society - 3 s.h.

Designed to develop an understanding of how Theatre and society coexist in our world. Course fosters an appreciation for the theatre artist's skills and expertise. In this course students experience acting, design, and playwriting through collaborative group projects and interactive assignments. Students will explore the complex relationship between Theatre and society from the past to the present through presentations and class discussions. ELO5 Arts - Equality, ELO5 Arts - Equality and Peace, GE3A Liberal Learning-Arts.

THTR2220 Acting Styles: Movement and Voice - 3 s.h.

In-depth exploration of various acting styles using different techniques and methodologies. This course is designed to equip students with a versatile toolkit for performance. Covering classical to contemporary styles, this course will emphasize character development, emotional authenticity, and physical expression. Through acting exercises, scene work, and peer feedback, students will enhance their ability to adapt to different genres and performance styles. Ideal for actors of all levels, this course encourages personal growth and an appreciation for the rich diversity of theatrical traditions. Prerequisite: THTR1300 Acting and Performing.

THTR2240 Dramatic Media Stagecraft - 3 s.h.

This course is an immersive, concentrated study of the technical aspects of theatre, film, and new media stage production. Students will engage in hands-on projects, learning to collaborate effectively in a team environment while applying industry-standard practices. This course emphasizes the integration of technology with traditional stagecraft techniques, preparing students for various roles in theater production and media environments. Through lecture demonstrations, lab workshops, and practical experiences, students will develop creative thinking and problem-solving skills essential in the fast-paced world of stagecraft and technology. Prerequisite: PART1100 Performing Arts Stagecraft & Technology.

THTR3110 Script Analysis and Dramatic Literature - 4 s.h.

An in-depth exploration of significant plays and scripts from various genres and time periods, focusing on themes, structure, and performance elements. Students will analyze key texts, examine their cultural and historical contexts, and engage in discussions about character development, dialogue, and the evolution of dramatic forms. Through readings, discussions, and written analyses, participants will enhance their critical thinking and appreciation for dramatic arts. Overall, this course prepares students for a deeper understanding of the craft of storytelling in both theatre and film.

THTR3150 Writing for Stage, Screen, and New Media - 3 s.h.

This course explores the fundamental principles of storytelling across various platforms, including theater, film, and digital mediums. Students will engage in the development of scripts, focusing on character creation, dialogue, structure, and pacing, while also considering the unique demands and opportunities each medium presents. Through workshops, peer critiques, and the analysis of existing works, participants will enhance their writing skills and gain an understanding of industry standards and practices, culminating in the creation of original pieces tailored to stage, screen, or new media formats.

THTR3200 Diction and Dialects - 3 s.h.

This course is designed to enhance vocal clarity and accent versatility for actors and performers. Students will explore the fundamentals of phonetics, articulation, and projection while mastering various regional and international dialects for stage, screen, and oral interpretation. Through practical exercises, coaching, and performance techniques, students will develop their ability to convey character authenticity and emotional

depth through speech. Study of commonly used dialects and foreign accents include American Standard, American Southern, Standard British and Irish, with additional options (Brooklyn, Cockney, French, German, Italian, Russian). Scenes will be performed in all dialects studied. Prerequisites: THTR1300 Acting and Performing.

THTR3240 Audition Techniques - 4 s.h.

Studio-style course designed to equip aspiring performers with the essential skills and strategies for successful auditions in theater, film, and television. Students will learn how to prepare and present monologues, cold readings, and character breakdowns, while also receiving guidance on interpreting scripts and understanding audition etiquette. Through practical exercises, personalized feedback, and mock auditions, participants will develop confidence, improve their performance abilities, and refine their ability to connect with casting directors, ultimately enhancing their chances of landing roles in a competitive industry. Prerequisite: THTR1300 Acting and Performing.

THTR3330 Dramatic Media History - 3 s.h.

This course explores the evolution of performance and storytelling through various media forms, including theater, film, television, and digital platforms. Students examine key historical movements, influential artists, and technological advancements that have shaped dramatic expressions across cultures and eras. By analyzing texts, performances, and critical theories, the course encourages a deeper understanding of how media reflects and influences societal values, identity, and aesthetic trends, while fostering critical thinking and media literacy. Engaging discussions, presentations, and screenings enhance students' appreciation for the rich tapestry of dramatic arts throughout history. +This course is only offered every other year. GE3A Liberal Learning-Arts.

THTR3340 Musical Theatre History - 3 s.h.

This course offers a comprehensive exploration of the evolution of musical theatre, tracing its origins from early theatrical traditions to contemporary productions. Students will examine key works, influential figures, and stylistic developments within the genre, considering how social, political, and cultural contexts have shaped its transformation. Through lectures, discussions, and performance analyses, participants will gain insight into the various elements that define musical theatre, including music, lyrics, choreography, and narrative structure, fostering an appreciation for its role as a dynamic form of artistic expression. +This course is only offered every other year.

THTR4110 Stage and Musical Directing - 3 s.h.

This course is for aspiring directors looking to develop their skills in staging, interpretation, and collaboration within theatrical and musical contexts. Students will explore fundamental directing techniques, including script analysis, character development, and the creation of cohesive visions for performances. Through hands-on scene work, guided exercises, and collaborative projects, students will gain practical experience in leading rehearsals, working with actors, and integrating elements of music and choreography. This course will also cover the historical and contemporary landscape of directing, providing insight into the artistic and logistical challenges directors face. By the end of the course, students will have crafted a variety of short, directed scenes and at least one musical number, showcasing their understanding of the director's role and enhancing their confidence to lead a production.

Performing Arts Major - Business and Entrepreneurship Concentration

Business and Entrepreneurship Concentration

In addition to the Performing Arts Foundation courses, Business and Entrepreneurship students will take additional coursework outlined below (27 s.h. minimum):

BUAD1100 Introduction to Business

BUAD2330 Principles of Marketing (prerequisite ECON1320)

PART3700 Performing Arts Internship

THTR3110 Script Analysis and Dramatic Literature OR MUSC1160 Music Theory II and MUSC2140 Aural Skills II – 3-4 s.h.

THTR3240 Audition Techniques OR MUSC1150 Music Theory I and MUSC1230 Aural Skills I – 3-4 s.h.

THTR3330 Dramatic Media History OR MUSC2200 Music History I: Antiquity to Baroque OR MUSC2360 Jazz History – 3 s.h.

THTR4110 Stage and Musical Directing OR MUSC2340 Conducting I

Electives (6 s.h.) choose from courses above not used or following:

ACCT2310 Financial Accounting

BUAD2320 Principles of Management

BUAD3450 Organizational Behavior

BUAD4340 Business Law and Ethics

ECON2100 Introductory Economic Data Analysis

ENGL2510 Introduction to Film

ENGL3530 Digital Filmmaking (prerequisite ENGL2510)

MUSC1150 Music Theory I

MUSC3210 Music Technology

MUSC3230 Orchestra and Arranging

MUSC3240 Conducting II

PART3200 Page to Stage: Design in Theatre, Film and New Media

PART3900 Topics in Performing Arts

THTR1230 Theatre and Society

THTR2240 Dramatic Media Stagecraft

THTR3150 Writing for Stage, Screen, and New Media

Courses Offered

ACCT2310 Financial Accounting

BUAD1100 Introduction to Business

BUAD2320 Principles of Management

BUAD2330 Principles of Marketing

BUAD3320 Principles of Management

BUAD3450 Organizational Behavior

BUAD4340 Business Law and Ethics

ECON1320 Principles of Microeconomics

ECON2100 Introductory Economic Data Analysis

ENGL2510 Introduction to Film

ENGL3530 Digital Filmmaking

MUSC1150 Music Theory I

MUSC1160 Music Theory II

MUSC1230 Aural Skills I

MUSC2140 Aural Skills II

MUSC2200 Music History I: Antiquity to Baroque

MUSC2340 Conducting I

MUSC2360 Jazz History

MUSC3210 Music Technology

MUSC3230 Orchestration and Arranging

MUSC3240 Conducting II

PART3200 Page to Stage: Design in Theatre, Film, and New Media

PART3700 Performing Arts Internship

PART3900 Topics in Performing Arts

THTR1230 Theatre and Society

THTR2240 Dramatic Media Stagecraft

THTR3110 Script Analysis and Dramatic Literature

THTR3150 Writing for Stage, Screen, and New Media

THTR3240 Audition Techniques

THTR3330 Dramatic Media History

THTR3340 Musical Theatre History

THTR4110 Stage and Musical Directing

Course Descriptions

ACCT2310 Financial Accounting - 3 s.h.

An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

BUAD1100 Introduction to Business - 3 s.h.

Introduction to Business is designed to expose students to the many functions of modern business including topics such as management, finance accounting, marketing, production,

computers, international business, small business, investments and other areas of general business interest.

BUAD2320 Principles of Management - 3 s.h.

Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing.

BUAD2330 Principles of Marketing - 3 s.h.

A decision-oriented overview of marketing management in modern organizations. The most basic objectives of the course are to provide students with a broad introduction to marketing concepts, the role of marketing in society and in the firm, and the various factors that influence marketing decision-making. Students will be exposed to and expected to learn the "language of marketing" (that is, terms, concepts, and frameworks) used by practicing marketing managers. Prerequisite: ECON1320.

BUAD3320 Principles of Management - 3 s.h.

Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing.

BUAD3450 Organizational Behavior - 3 s.h.

Human aspects of business organization, as distinguished from economic and technical aspects, and how they influence efficiency, morale, and management practice. Offered Fall even years. +This course is only offered every other year.

BUAD4340 Business Law and Ethics - 3 s.h.

Study of legal rules governing the usual business transactions and relations. Consideration of selected cases in areas such as contracts, agency, sales, negotiable instruments, private property, and bankruptcy. Prerequisite: Junior standing or above.

ECON1320 Principles of Microeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

ECON2100 Introductory Economic Data Analysis - 3 s.h.

An introduction to economic data and statistical techniques commonly applied in business settings. Topics include understanding the basics of data interpretation, manipulation, and visualization. Students will learn how to carry out and interpret basic linear regression and other methods of statistical analysis in Excel.

ENGL2510 Introduction to Film - 3 s.h.
Study of cinema as an artistic endeavor, form of rhetoric, cultural mirror, and purveyor of ideology. Introduces the fundamentals of the discipline, to include vocabulary, concepts of film production, film reception, film analysis, film interpretation, and film criticism. Exploration of the artistic, commercial, entertainment, and ideological relationships between cinema and American culture, along with practice in the film literacy skills needed to qualitatively assess and communicate cinema's artistic and cultural contributions. ELO5 Humanities - Innovation.

ENGL3530 Digital Filmmaking - 3 s.h.
A hands-on introduction to digital film production and editing. Introduces the technical knowledge need to investigate the creative possibilities of composition, light, motion, color and sound in shooting digital film. Examines the fundamentals of nonlinear editing, including continuity development, logging clips, audio tracks, and transitions. Additional fee required. Prerequisites: ENGL2510 or instructor consent. +This course is only offered every other year.

MUSC1150 Music Theory I - 3 s.h.
Encompasses the study of intervals, scales, and triads combined with sight singing and dictation of the same elements, as well as rhythmic dictation.

MUSC1160 Music Theory II - 3 s.h.
Continuation of Music Theory I. Study of diatonic chords in major and minor keys, principles of voice leading and part writing, harmonic progressions, and cadences. Continued sight singing of tonal music and modal melodies, identification and dictation of intervals, melodies, rhythms, chords, and harmonic progressions. Dictation of up to two voices. Prerequisite: MUSC1150 Fundamental Musicianship I with a grade of C or higher.

MUSC1230 Aural Skills I - 1 s.h.
Aural Skills I focuses on beginning study of sight singing, rhythmic performance, dictation (melodic, harmonic, rhythmic), and related skills, all designed to develop the student's musical ear to the highest degree possible. This course is intended to be taken concurrently with Music Theory I. In the case of transfer students, an aural proficiency exam will be administered to determine placement.

MUSC2140 Aural Skills II - 1 s.h.
Aural Skills II is the second semester study of sight singing, rhythmic performance, dictation (melodic, harmonic, rhythmic), and related skills, all designed to develop the

student's musical ear to the highest degree possible. This course is intended to be taken concurrently with Music Theory II. Pre-requisite: Students wishing to take Aural Skills II must have passed Aural Skills I with a grade of "C" or higher, in addition to Music Theory I with a grade "C" or higher. In the case of transfer students, an aural proficiency exam will be administered to determine placement.

MUSC2200 Music History I: Antiquity to Baroque - 3 s.h.

Detailed examination of music from the beginnings of Western Civilization through the conclusion of the Baroque period. Emphasis is placed on the listening and study of musical examples. +This course is only offered every other year.

MUSC2340 Conducting I - 3 s.h.

Study of conducting patterns and fundamental techniques including entrance, release, cue, dynamics, and tempo change. Prerequisite: MUSC1160 Music Theory II with a grade of C or better. +This course is only offered every other year.

MUSC2360 Jazz History - 3 s.h.

Introduction to various jazz styles and performers through the listening, discussion, and lecture of important and representative musical works from each of these periods. A significant focus will be on the relationship between the music, style, and social and economic fabric. ELO5 Arts - Innovation.

MUSC3210 Music Technology - 3 s.h.

An in-depth, practical examination of contemporary approaches to creating and editing music using both hardware and computer software for live and digital environments. Topics include designing sound via MIDI sequencing/virtual instruments, music notation software, the history of the music recording industry, and creating for various media including soundtracks, sound/character effects, and video games. Prerequisite: PART1100 Performing Arts Stagecraft & Technology

MUSC3230 Orchestration and Arranging - 3 s.h.

This course covers the anatomy & physiology of musical ensembles, both instrumental and vocal. The primary goals of this course are (1) to provide students with a fundamental understanding of orchestral, wind, and vocal ensembles and how they are structured, (2) to teach students how to compose and arrange music for various ensembles, and (3) to give students tools to study and understand scores for both large and small ensembles. By studying and analyzing important pieces of musical literature from the 18th century to the present and applied practice in both composing original works and arranging pieces for different ensemble settings, this course

will help students prepare for careers as conductors, professional players, and/or composers and arrangers. Prerequisites: MUSC1160 Music Theory II

MUSC3240 Conducting II - 3 s.h.

Continuation and application of Conducting I skills with one-half emphasis on choral conducting applications and one-half emphasis on instrumental conducting applications. Prerequisite: MUSC2340 Conducting I with a grade of C or better. +This course is only offered every other year.

PART3200 Page to Stage: Design in Theatre, Film, and New Media - 3 s.h.

An interdisciplinary course that explores the vital role of design in bringing narratives to life across various mediums. Students will examine how set, costume, light, and sound designs contribute to storytelling in theatre, film, and new media platforms. Through practical workshops, lectures, and collaborative projects, participants will engage in the creative process, learning to interpret a variety of scripts and conceptualize visual narratives while considering the unique challenges and opportunities each medium presents. Emphasizing critical thinking and innovation, this course aims to equip students with the skills to create immersive experiences that resonate with audiences in a rapidly evolving artistic landscape.

PART3700 Performing Arts Internship - 1-3 s.h.

This course offers students the opportunity to gain professional experience in various facets of the performing arts industry, including theater, dance, music, and production. Students will collaborate with professionals, network within the field, and receive guidance on career development while reflecting on their experiences in relation to their academic studies. This course aims to bridge the gap between classroom learning and real-world application, preparing students for successful careers in the vibrant and dynamic performing arts landscape. Students will consult with their instructor in researching and obtaining internships related to their area of concentration. May be repeated for credit up to 6 s.h. (Graded on a Pass/Fail basis.) Prerequisite: Performing Arts major.

PART3900 Topics in Performing Arts - 2-3 s.h.

Advanced study of a selected area in the performing arts: performance, design, technology, history, management, dramaturgy, theory, trends, etc. May be repeated for credit.

THTR1230 Theatre and Society - 3 s.h.

Designed to develop an understanding of how Theatre and society coexist in our world. Course fosters an appreciation for the theatre artist's skills and expertise. In this course students experience acting, design, and playwriting through collaborative group projects and interactive assignments. Students will explore the complex relationship between Theatre and society from the past to the present through presentations and class discussions. ELO5 Arts - Equality, ELO5 Arts - Equality and Peace, GE3A Liberal Learning-Arts.

THTR2240 Dramatic Media Stagecraft - 3 s.h.

This course is an immersive, concentrated study of the technical aspects of theatre, film, and new media stage production. Students will engage in hands-on projects, learning to collaborate effectively in a team environment while applying industry-standard practices. This course emphasizes the integration of technology with traditional stagecraft techniques, preparing students for various roles in theater production and media environments. Through lecture demonstrations, lab workshops, and practical experiences, students will develop creative thinking and problem-solving skills essential in the fast-paced world of stagecraft and technology. Prerequisite: PART1100 Performing Arts Stagecraft & Technology.

THTR3110 Script Analysis and Dramatic Literature - 4 s.h.

An in-depth exploration of significant plays and scripts from various genres and time periods, focusing on themes, structure, and performance elements. Students will analyze key texts, examine their cultural and historical contexts, and engage in discussions about character development, dialogue, and the evolution of dramatic forms. Through readings, discussions, and written analyses, participants will enhance their critical thinking and appreciation for dramatic arts. Overall, this course prepares students for a deeper understanding of the craft of storytelling in both theatre and film.

THTR3150 Writing for Stage, Screen, and New Media - 3 s.h.

This course explores the fundamental principles of storytelling across various platforms, including theater, film, and digital mediums. Students will engage in the development of scripts, focusing on character creation, dialogue, structure, and pacing, while also considering the unique demands and opportunities each medium presents. Through workshops, peer critiques, and the analysis of existing works, participants will enhance their

writing skills and gain an understanding of industry standards and practices, culminating in the creation of original pieces tailored to stage, screen, or new media formats.

THTR3240 Audition Techniques - 4 s.h.

Studio-style course designed to equip aspiring performers with the essential skills and strategies for successful auditions in theater, film, and television. Students will learn how to prepare and present monologues, cold readings, and character breakdowns, while also receiving guidance on interpreting scripts and understanding audition etiquette. Through practical exercises, personalized feedback, and mock auditions, participants will develop confidence, improve their performance abilities, and refine their ability to connect with casting directors, ultimately enhancing their chances of landing roles in a competitive industry. Prerequisite: THTR1300 Acting and Performing.

THTR3330 Dramatic Media History - 3 s.h.

This course explores the evolution of performance and storytelling through various media forms, including theater, film, television, and digital platforms. Students examine key historical movements, influential artists, and technological advancements that have shaped dramatic expressions across cultures and eras. By analyzing texts, performances, and critical theories, the course encourages a deeper understanding of how media reflects and influences societal values, identity, and aesthetic trends, while fostering critical thinking and media literacy. Engaging discussions, presentations, and screenings enhance students' appreciation for the rich tapestry of dramatic arts throughout history. +This course is only offered every other year. GE3A Liberal Learning-Arts.

THTR3340 Musical Theatre History - 3 s.h.

This course offers a comprehensive exploration of the evolution of musical theatre, tracing its origins from early theatrical traditions to contemporary productions. Students will examine key works, influential figures, and stylistic developments within the genre, considering how social, political, and cultural contexts have shaped its transformation. Through lectures, discussions, and performance analyses, participants will gain insight into the various elements that define musical theatre, including music, lyrics, choreography, and narrative structure, fostering an appreciation for its role as a dynamic form of artistic expression. +This course is only offered every other year.

THTR4110 Stage and Musical Directing - 3 s.h.

This course is for aspiring directors looking to develop their skills in staging, interpretation, and collaboration within theatrical and musical contexts. Students will explore

fundamental directing techniques, including script analysis, character development, and the creation of cohesive visions for performances. Through hands-on scene work, guided exercises, and collaborative projects, students will gain practical experience in leading rehearsals, working with actors, and integrating elements of music and choreography. This course will also cover the historical and contemporary landscape of directing, providing insight into the artistic and logistical challenges directors face. By the end of the course, students will have crafted a variety of short, directed scenes and at least one musical number, showcasing their understanding of the director's role and enhancing their confidence to lead a production.

Performing Arts - Minor

A minor in Performing Arts requires 18-20 semester hours to include:

THTR3110 Script Analysis and Dramatic Literature – 4 s.h. **or** MUSC1150 Music Theory I and MUSC1230 Aural Skills I – 4 s.h.

Pick one course from the following (3 s.h.):

MUSC2200 Music History I: Antiquity to Baroque – 3 s.h.

MUSC2400 Music History II: Classical to Present-Day – 3 s.h.

MUSC2360 Jazz History – 3 s.h.

THTR3330 Dramatic Media History – 3 s.h.

THTR3340 Musical Theatre History – 3 s.h.

4 Semesters Total (all courses in this section can be taken for 0 credits, but 2 credits are required):

PART2500 Performing Arts Practicum and PART4500 Advanced Performing Arts Practicum **or** Choose one ensemble: MUSC1140, MUSC1300, MUSC1310, MUSC1600, MUSC1700, or MUSC1800

PART2400 Career Planning and Professional Development

PART3400 Advanced Career Planning and Professional Development

Choose one course from the following (3 s.h.):

THTR1300 Acting and Performing – 3 s.h.

PART1100 Performing Arts: Stagecraft & Technology – 3 s.h.

PART3100 Principles of Performing Arts: Business and Entrepreneurship – 3 s.h.

Applied Lessons (3 semesters in a single performance area – (MUSC1510, MUSC1530, MUSC1610, MUSC1630, MUSC1650, MUSC1670, MUSC1750, MUSC3510, MUSC3530, MUSC3610, MUSC3630, MUSC3650, MUSC3670, MUSC3750)

Electives (6 s.h.):

Choose from any course offered in the Performing Arts major that hasn't been completed as a requirement for this minor and includes courses within each concentration (Dramatic Media, Business and Entrepreneurship, Performance Studies).

Courses Offered

MUSC1140 Chamber Singers

MUSC1150 Music Theory I

MUSC1230 Aural Skills I

MUSC1300 Concert Choir

MUSC1310 Graceland Harmonium

MUSC1510 Applied Keyboard: Organ

MUSC1530 Applied Keyboard: Piano

MUSC1600 Jazz Ensembles

MUSC1610 Applied Instruments: Brass

MUSC1630 Applied Instruments: Percussion

MUSC1650 Applied Instruments: Strings

MUSC1670 Applied Instruments: Woodwinds

MUSC1700 Symphonic Band

MUSC1750 Applied Voice

MUSC1800 Chamber Ensemble Performance

MUSC2200 Music History I: Antiquity to Baroque

MUSC2360 Jazz History

MUSC2400 Music History II: Classical to Present Day

MUSC3510 Advanced Applied Keyboard: Organ

MUSC3530 Advanced Applied Keyboard: Piano

MUSC3610 Advanced Applied Instruments: Brass

MUSC3630 Advanced Applied Instruments: Percussion

MUSC3650 Advanced Applied Instruments: Strings

MUSC3670 Advanced Applied Instruments: Woodwinds

MUSC3750 Advanced Applied Voice

PART1100 Performing Arts Stagecraft and Technology

PART2400 Career Planning and Professional Development

PART2500 Performing Arts Practicum

PART3100 Principles of Performing Arts Business and Entrepreneurship

PART3400 Advanced Career Planning and Professional Development

PART4500 Advanced Performing Arts Practicum

THTR1300 Acting and Performing

THTR3110 Script Analysis and Dramatic Literature

THTR3330 Dramatic Media History

THTR3340 Musical Theatre History

Course Descriptions

MUSC1140 Chamber Singers - 0-1 s.h.

Vocal chamber ensemble of sixteen to twenty-four singers selected on the basis of voice quality, musicianship, blend, and sight-singing ability. Chamber Singers form on and off campus. Consent of instructor required.

MUSC1150 Music Theory I - 3 s.h.

Encompasses the study of intervals, scales, and triads combined with sight singing and dictation of the same elements, as well as rhythmic dictation.

MUSC1230 Aural Skills I - 1 s.h.

Aural Skills I focuses on beginning study of sight singing, rhythmic performance, dictation (melodic, harmonic, rhythmic), and related skills, all designed to develop the student's musical ear to the highest degree possible. This course is intended to be taken concurrently with Music Theory I. In the case of transfer students, an aural proficiency exam will be administered to determine placement.

MUSC1300 Concert Choir - 0-1 s.h.

Graceland's largest choir offers students from all majors the opportunity to express themselves through secular and sacred choral music. Members are expected to participate on a leadership level. Concert Choir performs both on and off campus. May be repeated for credit. Please contact the Director of Choral Activities for a placement hearing.

MUSC1310 Graceland Harmonium - 0-1 s.h.

The Graceland Harmonium is the elite choral ensemble on campus, limited to a maximum of 20 members. Focus on learning and performing advanced repertoire, including those not traditionally performed in university choirs, with attention to advanced vocal technique and skills. Genres included (but not limited to): Classical, pop, jazz, gospel, a cappella, and Broadway. Audition and instructor consent required. May be repeated for credit.

MUSC1510 Applied Keyboard: Organ - 1-2 s.h.

Individual instruction (private lessons) with emphasis on developing skills, improving technique, and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1530 Applied Keyboard: Piano - 1-2 s.h.

Individual instruction (private lessons) with emphasis on developing skills, improving technique, and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1600 Jazz Ensembles - 0-1 s.h.

The Graceland Jazz Ensemble offers students from all majors the opportunity to express themselves through the study and preparation of standard jazz band literature. Repertoire for the GU Jazz Band is chosen from high quality jazz 'tunes' spanning a diverse range of styles/genres including Swing, Big Band, Latin, Funk, Be-Bop, Cool, and Ballads. The Jazz Band performs at least two concerts each semester. Consent of instructor required.

MUSC1610 Applied Instruments: Brass - 1-2 s.h.

Individual instruction (private lessons) with emphasis on developing skills, improving technique and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1630 Applied Instruments: Percussion - 1-2 s.h.

Individual instruction (private lessons) with emphasis on developing skills, improving technique and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1650 Applied Instruments: Strings - 1-2 s.h.

Individual instruction (private lessons) with emphasis on developing skills, improving technique and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1670 Applied Instruments: Woodwinds - 1-2 s.h.

Individual instruction (private lessons) with emphasis on developing skills, improving technique and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1700 Symphonic Band - 0-1 s.h.

The Graceland Symphonic Band offers students from all majors the opportunity to express themselves through the study and preparation of standard and contemporary band literature. The repertoire is chosen from a diverse selection of high quality wind band and chamber wind masterworks by well-known composers. The Symphonic Band performs two concerts per semester. Consent of instructor required.

MUSC1750 Applied Voice - 1-2 s.h.

Individual instruction (private lessons) in vocal technique, performance, and repertoire. Emphasizes the study of English, American, and Italian art songs and arias. Vocal seminar is required. May be repeated for credit. (Applied music fee.)

MUSC1800 Chamber Ensemble Performance - 0-1 s.h.

The study and performance of music through participation in a small ensemble. Regularly scheduled rehearsals and public performance. (Will not count as an ensemble for music majors). May be repeated. Consent of Instructor required.

MUSC2200 Music History I: Antiquity to Baroque - 3 s.h.

Detailed examination of music from the beginnings of Western Civilization through the conclusion of the Baroque period. Emphasis is placed on the listening and study of musical examples. +This course is only offered every other year.

MUSC2360 Jazz History - 3 s.h.

Introduction to various jazz styles and performers through the listening, discussion, and lecture of important and representative musical works from each of these periods. A significant focus will be on the relationship between the music, style, and social and economic fabric. ELO5 Arts - Innovation.

MUSC2400 Music History II: Classical to Present Day - 3 s.h.

Study of music from the Classical period through the present day, with attention to the evolution of styles and forms during these eras. Emphasis is placed on listening to examples of the music studied. +This course is only offered every other year.

MUSC3510 Advanced Applied Keyboard: Organ - 1-2 s.h.

For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3530 Advanced Applied Keyboard: Piano - 1-2 s.h.

For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3610 Advanced Applied Instruments: Brass - 1-2 s.h.

For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3630 Advanced Applied Instruments: Percussion - 1-2 s.h.

For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3650 Advanced Applied Instruments: Strings - 1-2 s.h.

For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3670 Advanced Applied Instruments: Woodwinds - 1-2 s.h.

For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3750 Advanced Applied Voice - 1-2 s.h.

Advanced individual instruction (private lessons) in vocal technique, performance, and repertoire. Emphasizes the study of arias and art songs in a variety of languages. For students who have had four semesters of MUSC1750. Vocal seminar required. May be repeated for credit. (Applied music fee.)

PART1100 Performing Arts Stagecraft and Technology - 3 s.h.

A study of the fundamental elements, practices, and techniques used in scenic construction, lighting, audio production, and music technology in the performing arts industry. Investigation of how all the technical areas work together in different performance spaces.

PART2400 Career Planning and Professional Development - 0-2 s.h.

This course is designed to equip students with the essential skills and knowledge needed to navigate and succeed in the competitive performing arts industry. Through a combination of practical workshops, guest lectures from industry professionals, and personalized mentoring, students will explore various career paths, networking strategies, and the art of self-promotion. Students will engage in peer-critiqued presentations and performances that prepare them for real-world scenarios, fostering both artistic and entrepreneurial growth. Reading, analysis, and discussion of modern critical theory pertaining to music, theatre, design, and performance. Required attendance at all Performing Arts events. Restricted to Performing Arts majors with Freshman/Sophomore standing. Repeated each semester of degree study (2 credits total. (Graded on a Pass/Fail basis.)

PART2500 Performing Arts Practicum - 0-2 s.h.

Participation in a Performing Arts production in one of the following areas: performance, directing, stage management, technical production, or design. Students must contribute a minimum of 35 clock hours of activity, which shall be exclusive of assignments and activities pertaining to other courses. Restricted to Performing Arts majors with

Freshman/Sophomore standing. Alternatively, students may opt to take one of the following classes to fulfill this course requirement: MUSC 1120 (Yellowjacket Drumline), MUSC1140 (Chamber Singers), MUSC1300 (Concert Choir), MUSC1310 (Graceland Harmonium), MUSC1600 (Jazz Ensemble), MUSC1700 (Symphonic Band), or MUSC1800 (Chamber Ensemble Performance). Total credits accumulated in this course plus PART4500 may not exceed eight.

PART3100 Principles of Performing Arts Business and Entrepreneurship - 3 s.h.

A broad, yet intensive, study of best practices and resources essential to the development of and participation in arts-focused businesses. Students will engage with many elements of the performing arts industry including copyright, publishing, and distribution; artist management; trade groups and unions; and business practices for stage, screen, and new media. Aspects of this course will draw from the personal and professional experiences of industry professionals.

PART3400 Advanced Career Planning and Professional Development - 0-2 s.h.

This course is designed to equip students with the essential skills and knowledge needed to navigate and succeed in the competitive performing arts industry. Through a combination of practical workshops, guest lectures from industry professionals, and personalized mentoring, students will explore various career paths, networking strategies, and the art of self-promotion. Students will engage in peer-critiqued presentations and performances that prepare them for real-world scenarios, fostering both artistic and entrepreneurial growth. Reading, analysis, and discussion of modern critical theory pertaining to music, theatre, design, and performance. Required attendance at all Performing Arts events. Restricted to Performing Arts majors with Junior/Senior standing. Repeated each semester of degree study (2 credits total.) (Graded on a Pass/Fail basis.)

PART4500 Advanced Performing Arts Practicum - 0-2 s.h.

Participation in a Performing Arts production in one of the following areas: performance, directing, stage management, technical production, or design. Students must contribute a minimum of 35 clock hours of activity, which shall be exclusive of assignments and activities pertaining to other courses. Students enrolled in Advanced Practicum are expected to hold leadership positions in Performing Arts productions. Restricted to Performing Arts majors with Junior/Senior standing. Alternatively, students may opt to take one of the following classes to fulfill this course requirement: MUSC 3120 (Adv.

THTR1300 Acting and Performing - 3 s.h.

This course is designed to equip students with essential skills in performance techniques, character development, and stage presence. Through a combination of scene study and acting exercises, participants will experience a variety of acting methods and techniques while gaining confidence in front of an audience. The course emphasizes collaboration, creativity, and critical analysis, allowing students to enhance their understanding of dramatic texts and improve their expressive abilities in performing. By the end of the course, students will showcase their work in a final performance, demonstrating their growth as performers and as artists. GE3A Liberal Learning - Arts.

THTR3110 Script Analysis and Dramatic Literature - 4 s.h.

An in-depth exploration of significant plays and scripts from various genres and time periods, focusing on themes, structure, and performance elements. Students will analyze key texts, examine their cultural and historical contexts, and engage in discussions about character development, dialogue, and the evolution of dramatic forms. Through readings, discussions, and written analyses, participants will enhance their critical thinking and appreciation for dramatic arts. Overall, this course prepares students for a deeper understanding of the craft of storytelling in both theatre and film.

THTR3330 Dramatic Media History - 3 s.h.

This course explores the evolution of performance and storytelling through various media forms, including theater, film, television, and digital platforms. Students examine key historical movements, influential artists, and technological advancements that have shaped dramatic expressions across cultures and eras. By analyzing texts, performances, and critical theories, the course encourages a deeper understanding of how media reflects and influences societal values, identity, and aesthetic trends, while fostering critical thinking and media literacy. Engaging discussions, presentations, and screenings enhance students' appreciation for the rich tapestry of dramatic arts throughout history. +This course is only offered every other year. GE3A Liberal Learning-Arts.

THTR3340 Musical Theatre History - 3 s.h.

This course offers a comprehensive exploration of the evolution of musical theatre, tracing its origins from early theatrical traditions to contemporary productions. Students will examine key works, influential figures, and stylistic developments within the genre, considering how social, political, and cultural contexts have shaped its transformation. Through lectures,

discussions, and performance analyses, participants will gain insight into the various elements that define musical theatre, including music, lyrics, choreography, and narrative structure, fostering an appreciation for its role as a dynamic form of artistic expression. +This course is only offered every other year.

Teacher Certification in Music

1. FOR STUDENTS DESIRING ELEMENTARY AND SECONDARY EDUCATION CERTIFICATION IN MUSIC:
   Students desiring Iowa Teacher Certifications with a K-8 and 5-12 endorsement in Music must complete the Combination K-12 Education Major (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sec-educ-pro/) (with MUSC3360 Music in the Secondary School and MUSC3390 Music in the Elementary School as the appropriate methods courses), and the following courses:
   Core Requirements

   MUSC2120 Piano Class for Proficiency – 1 s.h.

   MUSC1150 Music Theory I – 3 s.h.

   MUSC1160 Music Theory II – 3 s.h.

   MUSC2150 Music Theory III – 3 s.h.

   MUSC1230 Aural Skills I – 1 s.h.

   MUSC2140 Aural Skills II – 1 s.h.

   MUSC2200 Music History I: Antiquity to Baroque – 3 s.h.

   MUSC2400 Music History II: Classical to Present Day – 3 s.h.

   MUSC2340 Conducting I – 3 s.h.

   MUSC3240 Conducting II – 3 s.h.

   Applied Music (MUSC1510,1530,1610,1630,1650,1670,1750,3510,3530,3610,3630,3650,3670,3750) – 1 s.h.

   MUSC3400 Vocal Methods and Pedagogy – 3 s.h.

   Students specializing in Vocal Music must complete the following course in diction:

   MUSC1430 Choral Diction and Literature – 3 s.h.

Instrumental Methods
Students specializing in Vocal Music must choose one of the following courses. Students specializing in Instrumental Music must complete all of the following courses:

MUSC3290 Woodwind Methods and Pedagogy – 2 s.h.

MUSC3310 Brass Methods and Pedagogy – 2 s.h.

MUSC3320 Percussion Methods and Pedagogy – 2 s.h.

Courses Offered

MUSC1150 Music Theory I

MUSC1160 Music Theory II

MUSC1230 Aural Skills I

MUSC1430 Choral Diction and Literature

MUSC1510 Applied Keyboard: Organ

MUSC1530 Applied Keyboard: Piano

MUSC1610 Applied Instruments: Brass

MUSC1630 Applied Instruments: Percussion

MUSC1650 Applied Instruments: Strings

MUSC1670 Applied Instruments: Woodwinds

MUSC1750 Applied Voice

MUSC2120 Piano Class for Proficiency

MUSC2140 Aural Skills II

MUSC2150 Music Theory III

MUSC2200 Music History I: Antiquity to Baroque

MUSC2340 Conducting I

MUSC2400 Music History II: Classical to Present Day

MUSC3240 Conducting II

MUSC3290 Woodwind Methods and Pedagogy

MUSC3310 Brass Methods and Pedagogy

MUSC3320 Percussion Methods and Pedagogy

MUSC3360 Music in the Secondary School

MUSC3390 Music in the Elementary School

MUSC3400 Vocal Methods and Pedagogy

MUSC3510 Advanced Applied Keyboard: Organ

MUSC3530 Advanced Applied Keyboard: Piano

MUSC3610 Advanced Applied Instruments: Brass

MUSC3630 Advanced Applied Instruments: Percussion

MUSC3650 Advanced Applied Instruments: Strings

MUSC3670 Advanced Applied Instruments: Woodwinds

MUSC3750 Advanced Applied Voice

Course Descriptions

MUSC1150 Music Theory I - 3 s.h.

Encompasses the study of intervals, scales, and triads combined with sight singing and dictation of the same elements, as well as rhythmic dictation.

MUSC1160 Music Theory II - 3 s.h.

Continuation of Music Theory I. Study of diatonic chords in major and minor keys, principles of voice leading and part writing, harmonic progressions, and cadences. Continued sight singing of tonal music and modal melodies, identification and dictation of intervals, melodies, rhythms, chords, and harmonic progressions. Dictation of up to two voices. Prerequisite: MUSC1150 Fundamental Musicianship I with a grade of C or higher.

MUSC1230 Aural Skills I - 1 s.h.

Aural Skills I focuses on beginning study of sight singing, rhythmic performance, dictation (melodic, harmonic, rhythmic), and related skills, all designed to develop the student's musical ear to the highest degree possible. This course is intended to be taken concurrently with Music Theory I. In the case of transfer students, an aural proficiency exam will be administered to determine placement.

MUSC1430 Choral Diction and Literature - 3 s.h.

This course provides an introduction to the basics of the International Phonetic Alphabet, which will be used as an aid to learn accurate pronunciation for singing and vocal performance in foreign languages.

MUSC1510 Applied Keyboard: Organ - 1-2 s.h.

Individual instruction (private lessons) with emphasis on developing skills, improving technique, and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1530 Applied Keyboard: Piano - 1-2 s.h.

Individual instruction (private lessons) with emphasis on developing skills, improving technique, and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1610 Applied Instruments: Brass - 1-2 s.h.

Individual instruction (private lessons) with emphasis on developing skills, improving technique and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1630 Applied Instruments: Percussion - 1-2 s.h.

Individual instruction (private lessons) with emphasis on developing skills, improving technique and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1650 Applied Instruments: Strings - 1-2 s.h.

Individual instruction (private lessons) with emphasis on developing skills, improving technique and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1670 Applied Instruments: Woodwinds - 1-2 s.h.

Individual instruction (private lessons) with emphasis on developing skills, improving technique and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1750 Applied Voice - 1-2 s.h.

Individual instruction (private lessons) in vocal technique, performance, and repertoire. Emphasizes the study of English, American, and Italian art songs and arias. Vocal seminar is required. May be repeated for credit. (Applied music fee.)

MUSC2120 Piano Class for Proficiency - 1 s.h.

Designed to aid students who need further study to pass the piano proficiency requirement. May be repeated for credit. Additional fee required. Prerequisites: Music major status and consent of instructor.

MUSC2140 Aural Skills II - 1 s.h.

Aural Skills II is the second semester study of sight singing, rhythmic performance, dictation (melodic, harmonic, rhythmic), and related skills, all designed to develop the student's musical ear to the highest degree possible. This course is intended to be taken concurrently with Music Theory II. Pre-requisite: Students wishing to take Aural Skills II must have passed Aural Skills I with a grade of "C" or higher, in addition to Music Theory I with a grade "C" or higher. In the case of transfer students, an aural proficiency exam will be administered to determine placement.

MUSC2150 Music Theory III - 3 s.h.

Continuation of Music Theory II. Study of seventh chords, non-chord tones, mode mixture, and Neapolitan chords, augmented sixth chords, and borrowed chords. Continued sight singing and dictation to complement theoretical concepts presented. Intermediate ear training and sight reading, as well as intermediate identification and dictation of harmonic intervals, melodies, modes, rhythms, chords, and harmonic progressions. Prerequisite: MUSC1160 Music Theory I with a grade of C or higher.

MUSC2200 Music History I: Antiquity to Baroque - 3 s.h.

Detailed examination of music from the beginnings of Western Civilization through the conclusion of the Baroque period. Emphasis is placed on the listening and study of musical examples. +This course is only offered every other year.

MUSC2340 Conducting I - 3 s.h.

Study of conducting patterns and fundamental techniques including entrance, release, cue, dynamics, and tempo change. Prerequisite: MUSC1160 Music Theory II with a grade of C or better. +This course is only offered every other year.

MUSC2400 Music History II: Classical to Present Day - 3 s.h.

Study of music from the Classical period through the present day, with attention to the evolution of styles and forms during these eras. Emphasis is placed on listening to examples of the music studied. +This course is only offered every other year.

MUSC3240 Conducting II - 3 s.h.

Continuation and application of Conducting I skills with one-half emphasis on choral conducting applications and one-half emphasis on instrumental conducting applications. Prerequisite: MUSC2340 Conducting I with a grade of C or better. +This course is only offered every other year.

MUSC3290 Woodwind Methods and Pedagogy - 2 s.h.

For music education students. Methods of teaching woodwind instruments and development of a minimal playing proficiency on each. Survey of materials for both private and class instruction. +This course is only offered every other year.

MUSC3310 Brass Methods and Pedagogy - 2 s.h.

For music education students. Methods of teaching brass instruments and development of a minimal playing proficiency on each. Survey of materials for both private and class instruction. +This course is only offered every other year.

MUSC3320 Percussion Methods and Pedagogy - 2 s.h.

For music education students. Methods of teaching percussion instruments and development of a minimal playing proficiency on each. Survey of materials for both private and class instruction. +This course is only offered every other year.

MUSC3360 Music in the Secondary School - 3 s.h.

Organization of junior and senior high school instrumental and choral classes including methods, materials, and program building. Several class sessions emphasize the subjects of a general music curriculum for the general student or nonperformer. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program, a grade of C or higher in MUSC2340 Conducting I and MUSC3240 Conducting II. +This course is only offered every other year.

MUSC3390 Music in the Elementary School - 3 s.h.

To provide the music major with the necessary knowledge, methods, and skills to build and administer an effective general music program in grades K-6. In addition to the fundamental learnings of the elementary classroom teacher, there is exploration of dominant trends in music teaching, current learning theories, and measurement and evaluation. Survey of materials, observation, and teaching of actual music classes in the elementary schools. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program. +This course is only offered every other year.

MUSC3400 Vocal Methods and Pedagogy - 3 s.h.

Basic principles and practical methods underlying the teaching of singing and the mechanism of the vocal instrument which can be applied to both one-on-one teaching (singing lessons, vocal coaching) and group situations (choral music, class voice).

MUSC3510 Advanced Applied Keyboard: Organ - 1-2 s.h.
For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3530 Advanced Applied Keyboard: Piano - 1-2 s.h.
For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3610 Advanced Applied Instruments: Brass - 1-2 s.h.
For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3630 Advanced Applied Instruments: Percussion - 1-2 s.h.
For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3650 Advanced Applied Instruments: Strings - 1-2 s.h.
For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3670 Advanced Applied Instruments: Woodwinds - 1-2 s.h.
For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3750 Advanced Applied Voice - 1-2 s.h.
Advanced individual instruction (private lessons) in vocal technique, performance, and repertoire. Emphasizes the study of arias and art songs in a variety of languages. For students who have had four semesters of MUSC1750. Vocal seminar required. May be repeated for credit. (Applied music fee.)

Course List - Performing Arts

Courses Offered

PART1100 Performing Arts Stagecraft and Technology

PART2000 Individual Study

PART2100 Fundamentals of Dramatic Media Design

PART2400 Career Planning and Professional Development

PART2500 Performing Arts Practicum

PART3000 Individual Study

PART3100 Principles of Performing Arts Business and Entrepreneurship

PART3200 Page to Stage: Design in Theatre, Film, and New Media

PART3400 Advanced Career Planning and Professional Development

PART3700 Performing Arts Internship

PART3900 Topics in Performing Arts

PART4400 Senior Capstone

PART4500 Advanced Performing Arts Practicum

Course Descriptions

PART1100 Performing Arts Stagecraft and Technology - 3 s.h.

A study of the fundamental elements, practices, and techniques used in scenic construction, lighting, audio production, and music technology in the performing arts industry. Investigation of how all the technical areas work together in different performance spaces.

PART2000 Individual Study - 1-3 s.h.

PART2100 Fundamentals of Dramatic Media Design - 3 s.h.

An interdisciplinary course that explores the vital role of design in bringing narratives to life across various mediums. Students will examine how set, costume, light, and sound designs contribute to storytelling in theatre, film, and new media platforms. Through practical workshops, lectures, and

collaborative projects, participants will engage in the creative process, learning to interpret a variety of scripts and conceptualize visual narratives while considering the unique challenges and opportunities each medium presents. Emphasizing critical thinking and innovation, this course aims to equip students with the skills to create immersive experiences that resonate with audiences in a rapidly evolving artistic landscape.

PART2400 Career Planning and Professional Development - 0-2 s.h.

This course is designed to equip students with the essential skills and knowledge needed to navigate and succeed in the competitive performing arts industry. Through a combination of practical workshops, guest lectures from industry professionals, and personalized mentoring, students will explore various career paths, networking strategies, and the art of self-promotion. Students will engage in peer-critiqued presentations and performances that prepare them for real-world scenarios, fostering both artistic and entrepreneurial growth. Reading, analysis, and discussion of modern critical theory pertaining to music, theatre, design, and performance. Required attendance at all Performing Arts events. Restricted to Performing Arts majors with Freshman/Sophomore standing. Repeated each semester of degree study (2 credits total. (Graded on a Pass/Fail basis.)

PART2500 Performing Arts Practicum - 0-2 s.h.

Participation in a Performing Arts production in one of the following areas: performance, directing, stage management, technical production, or design. Students must contribute a minimum of 35 clock hours of activity, which shall be exclusive of assignments and activities pertaining to other courses. Restricted to Performing Arts majors with Freshman/Sophomore standing. Alternatively, students may opt to take one of the following classes to fulfill this course requirement: MUSC 1120 (Yellowjacket Drumline), MUSC1140 (Chamber Singers), MUSC1300 (Concert Choir), MUSC1310 (Graceland Harmonium), MUSC1600 (Jazz Ensemble), MUSC1700 (Symphonic Band), or MUSC1800 (Chamber Ensemble Performance). Total credits accumulated in this course plus PART4500 may not exceed eight.

PART3000 Individual Study - 1-3 s.h.

PART3100 Principles of Performing Arts Business and Entrepreneurship - 3 s.h.

A broad, yet intensive, study of best practices and resources essential to the development of and participation in arts-focused businesses. Students will engage with many elements

of the performing arts industry including copyright, publishing, and distribution; artist management; trade groups and unions; and business practices for stage, screen, and new media. Aspects of this course will draw from the personal and professional experiences of industry professionals.

PART3200 Page to Stage: Design in Theatre, Film, and New Media - 3 s.h.

An interdisciplinary course that explores the vital role of design in bringing narratives to life across various mediums. Students will examine how set, costume, light, and sound designs contribute to storytelling in theatre, film, and new media platforms. Through practical workshops, lectures, and collaborative projects, participants will engage in the creative process, learning to interpret a variety of scripts and conceptualize visual narratives while considering the unique challenges and opportunities each medium presents. Emphasizing critical thinking and innovation, this course aims to equip students with the skills to create immersive experiences that resonate with audiences in a rapidly evolving artistic landscape.

PART3400 Advanced Career Planning and Professional Development - 0-2 s.h.

This course is designed to equip students with the essential skills and knowledge needed to navigate and succeed in the competitive performing arts industry. Through a combination of practical workshops, guest lectures from industry professionals, and personalized mentoring, students will explore various career paths, networking strategies, and the art of self-promotion. Students will engage in peer-critiqued presentations and performances that prepare them for real-world scenarios, fostering both artistic and entrepreneurial growth. Reading, analysis, and discussion of modern critical theory pertaining to music, theatre, design, and performance. Required attendance at all Performing Arts events. Restricted to Performing Arts majors with Junior/Senior standing. Repeated each semester of degree study (2 credits total.) (Graded on a Pass/Fail basis.)

PART3700 Performing Arts Internship - 1-3 s.h.

This course offers students the opportunity to gain professional experience in various facets of the performing arts industry, including theater, dance, music, and production. Students will collaborate with professionals, network within the field, and receive guidance on career development while reflecting on their experiences in relation to their academic studies. This course aims to bridge the gap between classroom learning and real-world application, preparing students for successful careers in the vibrant and dynamic performing arts landscape.

Students will consult with their instructor in researching and obtaining internships related to their area of concentration. May be repeated for credit up to 6 s.h. (Graded on a Pass/Fail basis.) Prerequisite: Performing Arts major.

PART3900 Topics in Performing Arts - 2-3 s.h.

Advanced study of a selected area in the performing arts: performance, design, technology, history, management, dramaturgy, theory, trends, etc. May be repeated for credit.

PART4400 Senior Capstone - 1-3 s.h.

Students enrolled in this course will complete their senior project, recital, or performance that best aligns with their chosen concentration, including a thesis paper that demonstrates their process, results, and post-mortem. Students choosing a recital option must pass a pre-recital jury before the Performing Arts faculty one month prior to the scheduled senior recital. Project focus/recital literature subject to faculty approval. Restricted to Performing Arts majors with Senior status who have successfully passed PART2400 and PART3400 (Career Planning and Professional Development).

PART4500 Advanced Performing Arts Practicum - 0-2 s.h.

Participation in a Performing Arts production in one of the following areas: performance, directing, stage management, technical production, or design. Students must contribute a minimum of 35 clock hours of activity, which shall be exclusive of assignments and activities pertaining to other courses. Students enrolled in Advanced Practicum are expected to hold leadership positions in Performing Arts productions. Restricted to Performing Arts majors with Junior/Senior standing. Alternatively, students may opt to take one of the following classes to fulfill this course requirement: MUSC 3120 (Adv.

Physical Education and Health Degree



BA Degree - Physical Education and Health Major

In addition to Graceland's general education requirements, all majors in Physical Education and Health must complete the requirements listed below. (43-47 s.h.) Those interested in teaching in the field should consult the education requirements listed in the catalog.

Course Requirements

BIOL2300 Anatomy and Physiology I with Lab – 3 s.h. **or**
BIOL3420 Human Anatomy – 4 s.h. and BIOL3440 Human Physiology – 4 s.h.

HLTH1100 CPR and First Aid – 1 s.h.

HLTH2400 Children's Health and Development – 3 s.h.

HLTH2560 Nutrition – 3 s.h.

HLTH3100 Drugs Education and Behavior – 3 s.h.

HLTH3120 Human Sexuality – 3 s.h.

HLTH3220 Personal and Community Health – 3 s.h.

PHED0490 Relaxation and Stress Management – 1 s.h.

PHED1500 Introduction to Kinesiology – 3 s.h.

PHED2390 Teaching Team and Individual Sports – 3 s.h.

PHED3220 Motor Learning – 3 s.h.

PHED3280 The Foundations of Physical Education – 3 s.h.

PHED3333 Methods and Assessment of Teaching K-12 Health and Physical Education – 4 s.h.

PHED3430 Adaptive Physical Education – 3 s.h.

PSYC/SOCI2320 Marriage and the Family – 3 s.h.

*Students seeking the Coaching Endorsement should take the following courses:

ATHT3100 Prevention and Care of Athletic Injuries – 3 s.h.

BIOL2300 Anatomy and Physiology I – 3 s.h. **or** BIOL3420 Human Anatomy – 4 s.h.

HLTH1100 CPR and First Aid – 1 s.h.

HLTH2400 Children's Health and Development – 3 s.h.

PHED3410 Theory of Coaching – 2 s.h.

Courses Offered

ATHT3100 Prevention and Care of Athletic Injuries

BIOL2300 Anatomy and Physiology I with Lab (3-2)

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

HLTH1100 CPR and First Aid

HLTH2400 Children's Health and Development

HLTH2560 Nutrition

HLTH3100 Drugs Education and Behavior

HLTH3120 Human Sexuality

HLTH3220 Personal and Community Health

PHED0490 Relaxation and Stress Management

PHED1500 Introduction to Kinesiology

PHED2390 Teaching Team and Individual Sports

PHED3220 Motor Learning

PHED3280 The Foundations of Physical Education

PHED3333 Methods and Assessment of Teaching K-12 Health and Physical Education

PHED3410 Theory of Coaching

PHED3420 Practicum in Coaching

PHED3430 Adaptive Physical Education

PSYC2320 Marriage and the Family (also SOCI2320)

SOCI2320 Marriage and the Family (also PSYC2320)

Course Descriptions

ATHT3100 Prevention and Care of Athletic Injuries - 3 s.h.

Techniques of injury prevention and caring for athletic injuries. A grade of C or higher required to count toward the Allied Health major. Prerequisites: PHED1500 or BIOL2300 or BIOL3420

BIOL2300 Anatomy and Physiology I with Lab (3-2) - 4 s.h.

The study of structure and function of the human body. Topics will include: cells and homeostasis, muscles, bones, respiratory, nervous and cardiovascular. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) GE3D Liberal Learning-Natural Sciences

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and

surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

HLTH1100 CPR and First Aid - 1 s.h.

The development of practical skills in the emergency treatment of the injured. Some attention will be given to the prevention of injuries. The content to be covered will include the Standard and Advanced levels of the First Aid program sponsored by the National Red Cross. Students holding current, equivalent certifications will receive an automatic waiver for the class. This is to be verified by the instructor of the class or the Health and Movement Science Division Chair. A grade of C or higher required to count toward the Allied Health major. Additional fee required.

HLTH2400 Children's Health and Development - 3 s.h.

Course will focus on the lifelong development of the human from infancy and continuing through adulthood. It will explore the ways of development and learning within physical, cognitive, emotional, and social health, including family environment.

HLTH2560 Nutrition - 3 s.h.

A study the principles of nutrition as it relates to health, exercise, sports and disease. Students will be presented with applied content that includes research-based guidelines meant to help students differentiate between nutrition recommendations that are backed by science and the overabundance of false and misleading information. A grade of C or higher required to count toward the Allied Health major.

HLTH3100 Drugs Education and Behavior - 3 s.h.

This course will prepare the student to become an effective drug educator with emphasis on historical and current drug use and trends and its effects on society and human behavior. (Goal is for students to make positive decisions to protect their own health but also higher understanding of effects to social health/life when others use or abuse drugs.)

HLTH3120 Human Sexuality - 3 s.h.

Discussion of sexual biology, psychology, and sociocultural dimension of human sexual health and behavior. A grade of C or higher required to count toward the Allied Health major.

HLTH3220 Personal and Community Health - 3 s.h.

A foundational course designed for students to become informed about health as well as becoming responsible and active participants in the maintenance of their personal health and affecting the health of their community. The course is intended to provide coverage of health promotion, mental health, stress management, afflictions and diseases, aging, environmental health, consumerism and health care and promotion. A grade of C or higher required to count toward the Allied Health major. ELO4 Global Learning - Sustainability.

PHED0490 Relaxation and Stress Management - 1 s.h.

This course is designed to develop knowledge of and skill in basic posture enhancement and relaxation techniques, and to provide motivation for further self-improvement. A grade of C or higher required to count toward the Allied Health major.

PHED1500 Introduction to Kinesiology - 3 s.h.

This course is designed to introduce students to the musculoskeletal system and its relationship to anatomical movements in the body. Students will examine the skeletal system, muscular system, cardiovascular system, respiratory system, endocrine system, and their relationships with exercise science. A grade of C or higher required to count toward the Allied Health major.

PHED2390 Teaching Team and Individual Sports - 3 s.h.

Teaching technique, analysis of skills, and principles of skill development in areas such as soccer, basketball, volleyball, softball, golf, bowling, disc golf, and racquet sports. Prerequisite: Health and Physical Education major, Elementary Education major (PE Concentration), or consent of instructor.

PHED3220 Motor Learning - 3 s.h.

Introduction to the principles involved in learning and teaching motor skills. A grade of C or higher required to count toward the Allied Health major. Prerequisites: PHED1500.

PHED3280 The Foundations of Physical Education - 3 s.h.

An introduction to the body of knowledge encompassing the discipline of physical education and the role of the professional physical educator. The course includes the historic

philosophies, biologic, anatomic, psychologic, sociologic, and anthropologic foundations of physical education and their impact on human performance and values in sport.

PHED3333 Methods and Assessment of Teaching K-12 Health and Physical Education - 4 s.h.

Methods, theory, and development of teaching competence for prospective teachers of health and physical education at K-12 levels. Implementation of assessment and evaluation techniques through classroom and practical experiences.

PHED3410 Theory of Coaching - 2 s.h.

Knowledge and understanding of the techniques and theory of coaching interscholastic athletics, including professional ethics in coaching.

PHED3420 Practicum in Coaching - 3-6 s.h.

Field experience for practical application of knowledge and theory in a professional setting. Student acquires experience in all phases of coaching with highly qualified personnel in a selected sport. (Note - no one may participate with students on a team in Iowa PK-12 schools unless they hold a coaching authorization or endorsement.) Pre-/corequisite: PHED3410 Theory of Coaching.

PHED3430 Adaptive Physical Education - 3 s.h.

Theory and techniques of adaptive, corrective and developmental activities to meet the needs of "special persons."

PSYC2320 Marriage and the Family (also SOCI2320) - 3 s.h.

A social science approach to relationships and attraction with a focus on marriage and the family unit. Topics include dating, marital roles, parenting, and interaction patterns. Explores disruptions such as divorce and domestic violence as well as clinical and community-level interventions from a systems perspective. +This course is only offered every other year.

SOCI2320 Marriage and the Family (also PSYC2320) - 3 s.h.

A social science approach to relationships and attraction with a focus on marriage and the family unit. Topics include dating, marital roles, parenting, and interaction patterns. Explores disruptions such as divorce and domestic violence as well as clinical and community-level interventions from a systems perspective.

Coaching Minor

A Coaching minor consists of 18 hours or more including:

CORE COURSES:

PHED1500 Introduction to Kinesiology – 3 s.h.
PHED2390 Teaching Team and Individual Sports – 3 s.h.
PHED3220 Motor Learning – 3 s.h.
PHED3410 Theory of Coaching – 2 s.h. *

ELECTIVES THAT MAY COUNT FOR THE COACHING MINOR:

ATHT3100 Prevention-Care of Athletic Injuries – 3 s.h. *
BIOL2300 Anatomy and Physiology I with Lab – 3 s.h. **or** BIOL3420 Human Anatomy – 4 s.h. *
HLTH1100 CPR and First Aid – 1 s.h. *

PHED/PSYC3130 Sports Psychology – 3 s.h.

PHED3340 Biomechanics with Lab – 3 s.h.

PHED3420 Practicum of Coaching – 3-6 s.h.

PSYC2250 Developmental Psychology – 3 s.h. *

SPMT2300 Legal and Ethical Issues in Sports – 3 s.h.

SOCI/SPMT4100 Social Issues in Sport – 3 s.h.

SPMT3410 Sport Facility and Event Management – 3 s.h.

*Students seeking the Iowa Coaching Authorization should take the following courses:

ATHT3100 Prevention-Care of Athletic Injuries – 3 s.h.

BIOL2300 Anatomy and Physiology with Lab – 3 s.h. **or** BIOL3420 Human Anatomy – 4 s.h.

HLTH1100 CPR and First Aid – 1 s.h.

PHED3410 Theory of Coaching – 3 s.h.

PSYC2250 Developmental Psychology – 3 s.h.

Courses Offered

ATHT3100 Prevention and Care of Athletic Injuries

BIOL2300 Anatomy and Physiology I with Lab (3-2)

BIOL3420 Human Anatomy with Lab

HLTH1100 CPR and First Aid

PHED1500 Introduction to Kinesiology

PHED2390 Teaching Team and Individual Sports

PHED3130 Sports Psychology (also PSYC3130)

PHED3220 Motor Learning

PHED3340 Biomechanics

PHED3410 Theory of Coaching

PHED3420 Practicum in Coaching

PSYC2250 Developmental Psychology

SOCI4100 Social Issues in Sport (also SPMT4100)

SPMT2300 Legal and Ethical Issues in Sports

SPMT3410 Sport Facility and Event Management

SPMT4100 Social Issues in Sport (also SOCI4100)

Course Descriptions

ATHT3100 Prevention and Care of Athletic Injuries - 3 s.h.

Techniques of injury prevention and caring for athletic injuries. A grade of C or higher required to count toward the Allied Health major. Prerequisites: PHED1500 or BIOL2300 or BIOL3420

BIOL2300 Anatomy and Physiology I with Lab (3-2) - 4 s.h.

The study of structure and function of the human body. Topics will include: cells and homeostasis, muscles, bones, respiratory, nervous and cardiovascular. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) GE3D Liberal Learning-Natural Sciences

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

HLTH1100 CPR and First Aid - 1 s.h.

The development of practical skills in the emergency treatment of the injured. Some attention will be given to the prevention of injuries. The content to be covered will include the Standard and Advanced levels of the First Aid program sponsored by the National Red Cross. Students holding current, equivalent certifications will receive an automatic waiver for the class. This is to be verified by the instructor of the class or the Health and Movement Science Division Chair. A grade of C or higher required to count toward the Allied Health major. Additional fee required.

PHED1500 Introduction to Kinesiology - 3 s.h.

This course is designed to introduce students to the musculoskeletal system and its relationship to anatomical movements in the body. Students will examine the skeletal

system, muscular system, cardiovascular system, respiratory system, endocrine system, and their relationships with exercise science. A grade of C or higher required to count toward the Allied Health major.

PHED2390 Teaching Team and Individual Sports - 3 s.h.

Teaching technique, analysis of skills, and principles of skill development in areas such as soccer, basketball, volleyball, softball, golf, bowling, disc golf, and racquet sports. Prerequisite: Health and Physical Education major, Elementary Education major (PE Concentration), or consent of instructor.

PHED3130 Sports Psychology (also PSYC3130) - 3 s.h.

An application of the theories and principles in psychology to the athlete, the athletic environment, and to coaching practices.

PHED3220 Motor Learning - 3 s.h.

Introduction to the principles involved in learning and teaching motor skills. A grade of C or higher required to count toward the Allied Health major. Prerequisites: PHED1500.

PHED3340 Biomechanics - 3 s.h.

A systematic study of the bones, joints, and muscles of the human body as well as internal external forces initiating and modifying movement. Prerequisite: BIOL2300 or BIOL3420 with a grade of "C" or higher. A grade of C or higher required to count toward the Allied Health major.

PHED3410 Theory of Coaching - 2 s.h.

Knowledge and understanding of the techniques and theory of coaching interscholastic athletics, including professional ethics in coaching.

PHED3420 Practicum in Coaching - 3-6 s.h.

Field experience for practical application of knowledge and theory in a professional setting. Student acquires experience in all phases of coaching with highly qualified personnel in a selected sport. (Note - no one may participate with students on a team in Iowa PK-12 schools unless they hold a coaching authorization or endorsement.) Pre-/corequisite: PHED3410 Theory of Coaching.

PSYC2250 Developmental Psychology - 3 s.h.

The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

SOCI4100 Social Issues in Sport (also SPMT4100) - 3 s.h.

Sociological analysis of sport in contemporary American society. Focus is upon sport as a form of social interaction, which reflects, reinforces, and helps create basic societal norms, values, attitudes, and beliefs. The impact of sport is analyzed on the basic societal institutions of family, church, school, government, and economics, from a sociological perspective. Prerequisite: Junior standing. ELO4 Global Learning - Innovation.

SPMT2300 Legal and Ethical Issues in Sports - 3 s.h.

A study of the laws, rules, regulations, and codes of ethics related to sports at all levels. A variety of viewpoints, including financial, regulatory, and societal will be explored.

SPMT3410 Sport Facility and Event Management - 3 s.h.

This course examines the principles of facility operations and management and event planning, execution, and evaluation, within the sport industry. This course provides students an industry-specific understanding of challenges to facility management as well as planning skills to ensure a successful sport event. Topics to be explored include facility design, management, operations, risk management, the sport event planning process, sport marketing, and event execution and evaluation. Offered each fall semester. Prerequisites: SPMT1200.

SPMT4100 Social Issues in Sport (also SOCI4100) - 3 s.h.

Sociological analysis of sport in contemporary American society. Focus is upon sport as a form of social interaction, which reflects, reinforces, and helps create basic societal norms, values, attitudes, and beliefs. The impact of sport is analyzed on the basic societal institutions of family, church, school, government, and economics, from a sociological perspective. Prerequisite: Junior standing. ELO4 Global Learning - Innovation.

Teacher Certification in Health

1. FOR PHYSICAL EDUCATION AND HEALTH MAJORS EARNING K-12 ENDORSEMENTS:

   Students majoring in Physical Education and Health (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/health-and-physical-education/) who desire Iowa

Teacher Certification with elementary and secondary Health endorsements must complete all requirements for the Physical Education and Health major, the Combination Program (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sec-educ-pro/) and PHED3333 Methods and Assessment of Teaching K-12 Health and Physical Education as the appropriate methods course.

2. FOR NON-PHYSICAL EDUCATION AND HEALTH MAJORS WHO WANT A SECONDARY HEALTH ENDORSEMENT (5-12):
   Non-Physical Education and Health majors desiring a Health secondary endorsement (5-12) in Iowa must complete the Secondary Education Program (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sec-educ-pro/) (with PHED3333 Methods and Assessment of Teaching K-12 Health and Physical Education as the appropriate methods course), a major in a secondary teaching field, and the following courses:

   HLTH1100 CPR and First Aid – 1 s.h.
   HLTH2400 Children's Health and Development – 3 s.h.
   HLTH2560 Nutrition – 3 s.h.
   HLTH3100 Drugs Education and Behavior – 3 s.h.
   HLTH3220 Personal and Community Health – 3 s.h.
   PHED0490 Relaxation and Stress Management – 1 s.h.
   PSYC2250 Developmental Psychology – 3 s.h.
   PSYC/SOCI2320 Marriage and the Family – 3 s.h.
   UNIV1200 Health and Wholeness – 3 s.h.
   1 s.h. of HLTH or PHED electives

Courses Offered

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

HLTH1100 CPR and First Aid

HLTH2400 Children's Health and Development

HLTH2560 Nutrition

HLTH3100 Drugs Education and Behavior

HLTH3120 Human Sexuality

HLTH3220 Personal and Community Health

PHED3333 Methods and Assessment of Teaching K-12 Health and Physical Education

PSYC2320 Marriage and the Family (also SOCI2320)

SOCI2320 Marriage and the Family (also PSYC2320)

UNIV1200 Health and Wholeness

Course Descriptions

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

HLTH1100 CPR and First Aid - 1 s.h.

The development of practical skills in the emergency treatment of the injured. Some attention will be given to the prevention of injuries. The content to be covered will include the Standard and Advanced levels of the First Aid program sponsored by the National Red Cross. Students holding current, equivalent certifications will receive an automatic waiver for the class. This is to be verified by the instructor of the class or the Health and Movement Science Division Chair. A grade of C or higher required to count toward the Allied Health major. Additional fee required.

HLTH2400 Children’s Health and Development - 3 s.h.

Course will focus on the lifelong development of the human from infancy and continuing through adulthood. It will explore the ways of development and learning within physical, cognitive, emotional, and social health, including family environment.

HLTH2560 Nutrition - 3 s.h.

A study the principles of nutrition as it relates to health, exercise, sports and disease. Students will be presented with applied content that includes research-based guidelines meant to help students differentiate between nutrition recommendations that are backed by science and the overabundance of false and misleading information. A grade of C or higher required to count toward the Allied Health major.

HLTH3100 Drugs Education and Behavior - 3 s.h.

This course will prepare the student to become an effective drug educator with emphasis on historical and current drug use and trends and its effects on society and human behavior. (Goal is for students to make positive decisions to protect their own health but also higher understanding of effects to social health/life when others use or abuse drugs.)

HLTH3120 Human Sexuality - 3 s.h.

Discussion of sexual biology, psychology, and sociocultural dimension of human sexual health and behavior. A grade of C or higher required to count toward the Allied Health major.

HLTH3220 Personal and Community Health - 3 s.h.

A foundational course designed for students to become informed about health as well as becoming responsible and active participants in the maintenance of their personal health and affecting the health of their community. The course is intended to provide coverage of health promotion, mental health, stress management, afflictions and diseases, aging, environmental health, consumerism and health care and promotion. A grade of C or higher required to count toward the Allied Health major. ELO4 Global Learning - Sustainability.

PHED3333 Methods and Assessment of Teaching K-12 Health and Physical Education - 4 s.h.

Methods, theory, and development of teaching competence for prospective teachers of health and physical education at K-12 levels. Implementation of assessment and evaluation techniques through classroom and practical experiences.

PSYC2320 Marriage and the Family (also SOCI2320) - 3 s.h.

A social science approach to relationships and attraction with a focus on marriage and the family unit. Topics include dating, marital roles, parenting, and interaction patterns. Explores disruptions such as divorce and domestic violence as well as clinical and community-level interventions from a systems perspective. +This course is only offered every other year.

SOCI2320 Marriage and the Family (also PSYC2320) - 3 s.h.

A social science approach to relationships and attraction with a focus on marriage and the family unit. Topics include dating, marital roles, parenting, and interaction patterns. Explores disruptions such as divorce and domestic violence as well as clinical and community-level interventions from a systems perspective.

UNIV1200 Health and Wholeness - 3 s.h.

Introduces students to foundational concepts in health and wellness as well as practices that promote life-long wholeness, including physical and mental health risk assessment and mitigation.

Teacher Certification in Physical Education

1. FOR PHYSICAL EDUCATION AND HEALTH MAJORS EARNING K-12 ENDORSEMENTS:
   Students majoring in Physical Education and Health (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/health-and-physical-education/) who desire Iowa Teacher Certification with elementary and secondary Physical Education endorsements must complete all requirements for the Physical Education and Health major, the Combination Program (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sec-educ-pro/) and PHED3333 Methods and Assessment of Teaching K-12 Health and Physical Education as the appropriate methods course.
2. FOR NON-PHYSICAL EDUCATION AND HEALTH MAJORS WHO WANT A SECONDARY PHYSICAL EDUCATION ENDORSEMENT (5-12):
   Non-Physical Education and Health majors desiring a Physical Education secondary endorsement (5-12) in Iowa must complete the Secondary Education Program (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-

programs/sec-educ-pro/) (with PHED3333 Methods and Assessment of Teaching K-12 Health and Physical Education as the appropriate methods course), a major in a secondary teaching field, and the following courses:

BIOL2300 Anatomy and Physiology I with Lab – 3 s.h. **or** BIOL3420 Human Anatomy – 4 s.h. and BIOL3440 Human Physiology – 4 s.h.

HLTH1100 CPR and First Aid – 1 s.h.

HLTH2400 Children's Health and Development – 3 s.h.

PHED1500 Introduction to Kinesiology – 3 s.h.

PHED2390 Teaching Team and Individual Sports – 3 s.h.

PHED3220 Motor Learning – 3 s.h.

PHED3430 Adaptive Physical Education – 3 s.h.

UNIV1200 Health and Wholeness – 3 s.h.

Courses Offered

BIOL2300 Anatomy and Physiology I with Lab (3-2)

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

HLTH1100 CPR and First Aid

HLTH2400 Children's Health and Development

HLTH3220 Personal and Community Health

PHED1100 New Games

PHED2380 Creative Rhythm and Movement

PHED2390 Teaching Team and Individual Sports

PHED3220 Motor Learning

PHED3280 The Foundations of Physical Education

PHED3333 Methods and Assessment of Teaching K-12 Health and Physical Education

PHED3430 Adaptive Physical Education

UNIV1200 Health and Wholeness

Course Descriptions

BIOL2300 Anatomy and Physiology I with Lab (3-2) - 4 s.h.

The study of structure and function of the human body. Topics will include: cells and homeostasis, muscles, bones, respiratory, nervous and cardiovascular. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) GE3D Liberal Learning-Natural Sciences

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

HLTH1100 CPR and First Aid - 1 s.h.

The development of practical skills in the emergency treatment of the injured. Some attention will be given to the prevention of injuries. The content to be covered will include the Standard and Advanced levels of the First Aid program sponsored by the National Red Cross. Students holding current, equivalent certifications will receive an automatic waiver for the class. This is to be verified by the instructor of the class or the Health and Movement Science Division Chair. A grade of C or higher required to count toward the Allied Health major. Additional fee required.

HLTH2400 Children’s Health and Development - 3 s.h.

Course will focus on the lifelong development of the human from infancy and continuing through adulthood. It will explore the ways of development and learning within physical, cognitive, emotional, and social health, including family environment.

HLTH3220 Personal and Community Health - 3 s.h.

A foundational course designed for students to become informed about health as well as becoming responsible and active participants in the maintenance of their personal health and affecting the health of their community. The course is intended to provide coverage of health promotion, mental health, stress management, afflictions and diseases, aging, environmental health, consumerism and health care and promotion. A grade of C or higher required to count toward the Allied Health major. ELO4 Global Learning - Sustainability.

PHED1100 New Games - 1 s.h.

Development and participation of new games for the K-12 learner, lifelong learner, and leisure.

PHED2380 Creative Rhythm and Movement - 3 s.h.

The study and understanding of movement concepts as they relate to special awareness, effort, and rhythm through movement education, dance, and educational gymnastics.

PHED2390 Teaching Team and Individual Sports - 3 s.h.

Teaching technique, analysis of skills, and principles of skill development in areas such as soccer, basketball, volleyball, softball, golf, bowling, disc golf, and racquet sports. Prerequisite: Health and Physical Education major, Elementary Education major (PE Concentration), or consent of instructor.

PHED3220 Motor Learning - 3 s.h.

Introduction to the principles involved in learning and teaching motor skills. A grade of C or higher required to count toward the Allied Health major. Prerequisites: PHED1500.

PHED3280 The Foundations of Physical Education - 3 s.h.

An introduction to the body of knowledge encompassing the discipline of physical education and the role of the professional physical educator. The course includes the historic philosophies, biologic, anatomic, psychologic, sociologic, and anthropologic foundations of physical education and their impact on human performance and values in sport.

PHED3333 Methods and Assessment of Teaching K-12 Health and Physical Education - 4 s.h.

Methods, theory, and development of teaching competence for prospective teachers of health and physical education at K-12 levels. Implementation of assessment and evaluation techniques through classroom and practical experiences.

PHED3430 Adaptive Physical Education - 3 s.h.

Theory and techniques of adaptive, corrective and developmental activities to meet the needs of "special persons."

UNIV1200 Health and Wholeness - 3 s.h.
Introduces students to foundational concepts in health and wellness as well as practices that promote life-long wholeness, including physical and mental health risk assessment and mitigation.

Coaching Authorization*/Endorsement

FOR STUDENTS SEEKING AN IOWA COACHING ENDORSEMENT, THE FOLLOWING COURSES MUST BE COMPLETED.

ATHT3100 Prevention and Care of Athletic Injuries – 3 s.h.
BIOL2300 Anatomy and Physiology I with Lab – 3 s.h. **or**
BIOL3420 Human Anatomy with Lab – 4 s.h.
HLTH1100 CPR and First Aid – 1 s.h.
HLTH2400 Children's Health and Development – 3 s.h.
PHED3410 Theory of Coaching – 2 s.h.

Students (from any academic area) would be eligible to earn a coaching authorization through the state of Iowa. See https://educate.iowa.gov/educator-licensure/licenses-authorizations/coaching-authorization (https://educate.iowa.gov/educator-licensure/licenses-authorizations/coaching-authorization) for details.

Courses Offered

ATHT3100 Prevention and Care of Athletic Injuries

BIOL2300 Anatomy and Physiology I with Lab (3-2)

HLTH1100 CPR and First Aid

HLTH2400 Children's Health and Development

PHED3410 Theory of Coaching

PSYC2250 Developmental Psychology

Course Descriptions

ATHT3100 Prevention and Care of Athletic Injuries - 3 s.h.

Techniques of injury prevention and caring for athletic injuries. A grade of C or higher required to count toward the Allied Health major. Prerequisites: PHED1500 or BIOL2300 or BIOL3420

BIOL2300 Anatomy and Physiology I with Lab (3-2) - 4 s.h.

The study of structure and function of the human body. Topics will include: cells and homeostasis, muscles, bones, respiratory, nervous and cardiovascular. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) GE3D Liberal Learning-Natural Sciences

HLTH1100 CPR and First Aid - 1 s.h.

The development of practical skills in the emergency treatment of the injured. Some attention will be given to the prevention of injuries. The content to be covered will include the Standard and Advanced levels of the First Aid program sponsored by the National Red Cross. Students holding current, equivalent certifications will receive an automatic waiver for the class. This is to be verified by the instructor of the class or the Health and Movement Science Division Chair. A grade of C or higher required to count toward the Allied Health major. Additional fee required.

HLTH2400 Children's Health and Development - 3 s.h.

Course will focus on the lifelong development of the human from infancy and continuing through adulthood. It will explore the ways of development and learning within physical, cognitive, emotional, and social health, including family environment.

PHED3410 Theory of Coaching - 2 s.h.

Knowledge and understanding of the techniques and theory of coaching interscholastic athletics, including professional ethics in coaching.

PSYC2250 Developmental Psychology - 3 s.h.

The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

Data Analytics for Health and Movement Science Certificate

Students wishing to earn the Data Analytics for Health and Movement Science certificate must complete the following 18 credit hours with Graceland University.

CSIT1100 Principles of Computing (Python Programming) – 3 s.h.

DSCI1500 Principles of Data Science and Analytics – 3 s.h.

DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

Choose 3 of the following 4 courses:

HLTH3220 Personal and Community Health – 3 s.h.

HMSC3200 Foundations of Evidence Based Practice – 3 s.h.

PHED3340 Biomechanics – 3 s.h.

PHED4360 Physiology of Exercise – 3 s.h.

Courses Offered

CSIT1100 Principles of Computing (Python Programming)

DSCI1500 Principles of Data Science and Analytics

DSCI4700 Capstone for Data Analytics Certificates

HLTH3220 Personal and Community Health

HMSC3200 Foundations of Evidence Based Practice

PHED3340 Biomechanics

PHED4360 Physiology of Exercise

Course Descriptions

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered.
ELO4 Global Learning - Innovation

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

HLTH3220 Personal and Community Health - 3 s.h.

A foundational course designed for students to become informed about health as well as becoming responsible and active participants in the maintenance of their personal health and affecting the health of their community. The course is intended to provide coverage of health promotion, mental health, stress management, afflictions and diseases, aging, environmental health, consumerism and health care and promotion. A grade of C or higher required to count toward the Allied Health major. ELO4 Global Learning - Sustainability.

HMSC3200 Foundations of Evidence Based Practice - 3 s.h.

Presentation of introductory research and writing methods. Introduction to the application of evidence-based practice using various tools to evaluate the research as evidence. This class will result in a final critically appraised topic paper and poster presentation. A grade of C or higher required to count toward the Allied Health major.

PHED3340 Biomechanics - 3 s.h.

A systematic study of the bones, joints, and muscles of the human body as well as internal external forces initiating and modifying movement. Prerequisite: BIOL2300 or BIOL3420 with a grade of "C" or higher. A grade of C or higher required to count toward the Allied Health major.

PHED4360 Physiology of Exercise - 3 s.h.

The principles and practices of energizing the human body for physical exercise. Prerequisite: BIOL2300 or BIOL3440 with a grade of "C" or better. A grade of C or higher required to count

toward the Allied Health major.

Course list - Health and Movement Science

Courses Offered

HMSC3115 Microbiology and Related Pathophysiology (also NURS3115)

HMSC3200 Foundations of Evidence Based Practice

HMSC4320 Organizational Administration and Policy Analysis

HMSC4330 Organization and Administration for the Health Care Professional

HMSC4800 Health and Movement Science Internship

NURS3115 Microbiology and Related Pathophysiology (also HMSC3115)

Course Descriptions

HMSC3115 Microbiology and Related Pathophysiology (also NURS3115) - 5 s.h.

This course will examine common microorganisms from viruses, bacteria, fungi, and more. Students will explore the relationship to the human body from symbiosis to pathogenesis and will develop an understanding of the disease process within the body and how these conditions are treated in modern healthcare.

HMSC3200 Foundations of Evidence Based Practice - 3 s.h.

Presentation of introductory research and writing methods. Introduction to the application of evidence-based practice using various tools to evaluate the research as evidence. This class will result in a final critically appraised topic paper and poster presentation. A grade of C or higher required to count toward the Allied Health major.

HMSC4320 Organizational Administration and Policy Analysis - 3 s.h.

A study of the administrative structure in health, physical education, and athletics, and the interrelatedness of these programs to the specific needs of the community. A grade of C or higher required to count toward the Allied Health major.

HMSC4330 Organization and Administration for the Health Care Professional - 3 s.h.

Provide an understanding of concepts and applications when administering a sports medicine program. Sports medicine professionals may include, but are not limited to, athletic trainers, nurses, physical therapists, physicians, and community health professionals.

HMSC4800 Health and Movement Science Internship - 3-6 s.h.

Laboratory internship experience providing for practical application of knowledge and theory in a professional setting. Student acquires experience in all phases of the operation with highly qualified personnel in a selected agency with a focus on health, coaching, or physical education. Areas may include, health/wellness organization, medical clinic, sports information, sports management, recreation programs, facility management, and others as approved by the HMS internship coordinator. Six weeks of involvement preferably taken consecutively. Waived for student completing teacher education program. Repeatable to a maximum of six hours.

NURS3115 Microbiology and Related Pathophysiology (also HMSC3115) - 5 s.h.

This course will examine common microorganisms from viruses, bacteria, fungi, and more. Students will explore the relationship to the human body from symbiosis to pathogenesis and will develop an understanding of the disease process within the body and how these conditions are treated in modern healthcare.

Psychology Degree



BA Degree — Psychology Major

In addition to the general education requirements, majors in Psychology must complete a 34 or more semester hours in Psychology and 3 semester hours of supporting courses.

Required courses (28 s.h.)

PSYC1300 Introductory Psychology – 3 s.h.

PSYC2250 Developmental Psychology – 3 s.h.

PSYC3310 Social Psychology **or** PSYC3370 Cross Cultural Psychology – 3 s.h.

PSYC3330 Behavioral Neuroscience **or**
PSYC3390 Cognitive Psychology – 3 s.h.

PSYC3340 Personality – 3 s.h.

PSYC3380 Abnormal Psychology – 3 s.h.

PSYC3510 Research Methods – 3 s.h.

PSYC3520 Research Methods Two – 3 s.h.

PSYC4250 Professional Seminar – 1 s.h.

PSYC4350 History and Systems – 3 s.h.

Elective block: Take an additional 6 semester hours from:

SOCI/PSYC2320 Marriage and the Family – 3 s.h.

PSYC3300 Sensation and Perception – 3 s.h.

PHED/PSYC3130 Sport Psychology – 3 s.h.

PSYC3500 Principles of Learning – 3 s.h.

PSYC4430 Theory and Practice of Counseling – 3 s.h.

PSYC4360 Senior Internship – 1-4 s.h.

Courses Offered

MATH1370 Statistics for Sciences

PHED3130 Sports Psychology (also PSYC3130)

PSYC1300 Introductory Psychology

PSYC2250 Developmental Psychology

PSYC2320 Marriage and the Family (also SOCI2320)

PSYC3130 Sports Psychology (also PHED3130)

PSYC3300 Sensation and Perception

PSYC3310 Social Psychology

PSYC3330 Behavioral Neuroscience

PSYC3340 Personality

PSYC3370 Cross Cultural Psychology

PSYC3380 Abnormal Psychology

PSYC3390 Cognitive Psychology

PSYC3500 Principles of Learning

PSYC3510 Research Methods

PSYC3520 Research Methods Two

PSYC4250 Professional Seminar

PSYC4350 History and Systems

PSYC4360 Senior Internship

PSYC4430 Theory and Practice of Counseling

SOCI2320 Marriage and the Family (also PSYC2320)

Course Descriptions

MATH1370 Statistics for Sciences - 3 s.h.

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

PHED3130 Sports Psychology (also PSYC3130) - 3 s.h.

An application of the theories and principles in psychology to the athlete, the athletic environment, and to coaching practices.

PSYC1300 Introductory Psychology - 3 s.h.

An introductory survey of psychological methods and thoughts as they relate to human experience and behavior. Topics include the role of the central nervous system in mediating behavior, learning and memory, states of awareness, motivation and emotion, personality, psychological disorders, and therapy. ELO5 Social Science – Innovation, GE3E Liberal Learning-Social Sciences.

PSYC2250 Developmental Psychology - 3 s.h.

The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

PSYC2320 Marriage and the Family (also SOCI2320) - 3 s.h.

A social science approach to relationships and attraction with a focus on marriage and the family unit. Topics include dating, marital roles, parenting, and interaction patterns. Explores disruptions such as divorce and domestic violence as well as clinical and community-level interventions from a systems perspective. +This course is only offered every other year.

PSYC3130 Sports Psychology (also PHED3130) - 3 s.h.

An application of the theories and principles in psychology to the athlete, the athletic environment, and to coaching practices.

PSYC3300 Sensation and Perception - 3 s.h.

Consideration of how humans receive and interpret information from their environment through receptor systems and brain mechanisms. Including theories of perception, biology of sensory and perceptual systems, and practical applications of findings from research. Prerequisite: PSYC1300 Introductory Psychology. This course is offered every other year.

PSYC3310 Social Psychology - 3 s.h.

The study of how people think, feel, and behave in social situations. Attention given to research and application to social perception, interaction, and influence. Prerequisite: PSYC1300 or SOCI1300.

PSYC3330 Behavioral Neuroscience - 3 s.h.

Examination of the biological substrates of behavior. Topics include synaptic transmission and patterns of neural activity, sleep and arousal, learning and memory, motivation, emotion, neurological diseases, traumatic brain injuries. Prerequisites: PSYC1300 and 3 additional hours of psychology. This course is offered every other year.

PSYC3340 Personality - 3 s.h.

A study of personality from dispositional, psychodynamic, humanistic, and behavioral perspectives and of the application of personality perspectives to current issues. Prerequisite: PSYC1300 and 3 additional hours of psychology.

PSYC3370 Cross Cultural Psychology - 3 s.h.

Study of psychological theories and empirical findings relating to variations in cultures. Prerequisite: PSYC1300. ELO4 Global Learning - World Citizenship, ELO4 Global Learning - Equality and Peace.

PSYC3380 Abnormal Psychology - 3 s.h.

A study of the disorders outlined in the current diagnostic statistical manual. Emphasis will be on etiology, symptoms, and methods of treatment. Prerequisite: PSYC1300.

PSYC3390 Cognitive Psychology - 3 s.h.

Research and theory in areas of cognitive psychology, including attention; memory acquisition, storage, and retrieval; language comprehension; and problem solving. Prerequisite: PSYC1300 and 3 additional hours of psychology. This course is only offered every other year.

PSYC3500 Principles of Learning - 3 s.h.

Explores a variety of theories of learning. Considers both conceptual and applied aspects of learning. Prerequisite: PSYC1300 and 3 additional hours of psychology. This course is offered every other year.

PSYC3510 Research Methods - 3 s.h.

A survey of the principles and practices of social research, including research ethics, experimental design, surveys, in-depth interviews, content analysis, participant observation, and field studies. Students also learn to write in scientific journal style. Prerequisite: 6 additional hours of psychology, sociology, or criminal justice.

PSYC3520 Research Methods Two - 3 s.h.

Development and implementation of an original research project. Prerequisite: PSYC3510 and 6 additional hours of psychology, sociology, or criminal justice.

PSYC4250 Professional Seminar - 1 s.h.

Examination of professional and ethical issues, as well as careers and graduate education in psychology. Prerequisite: Senior standing and Psychology major.

PSYC4350 History and Systems - 3 s.h.

A historical analysis of systematic foundations in psychology. Includes Structuralism, Functionalism, Behaviorism, Gestalt psychology, and Psychoanalysis. Prerequisite: 6 semester hours in psychology.

PSYC4360 Senior Internship - 1-4 s.h.

Placement with external agency for application of knowledge, theory, and skills from the major in a professional setting. Pre-requisites: Psychology major, senior standing, 2.0 cumulative GPA, 3.0 GPA in the major, consent of supervising faculty. Students should enroll in 1 credit for every 50 hours that will be volunteered in the sponsor organization (with a maximum of 4 credits). Completion of the Senior Internship application with approval from agency sponsor and supervising faculty.

PSYC4430 Theory and Practice of Counseling - 3 s.h.
A course designed to explore characteristics of counselors, characteristics of clients, basic counseling techniques, and current theories of counseling. Prerequisite: PSYC1300 and 6 additional hours of psychology.

SOCI2320 Marriage and the Family (also PSYC2320) - 3 s.h.
A social science approach to relationships and attraction with a focus on marriage and the family unit. Topics include dating, marital roles, parenting, and interaction patterns. Explores disruptions such as divorce and domestic violence as well as clinical and community-level interventions from a systems perspective.

Psychology Minor

A minor in Psychology consists of 18 semester hours in psychology including PSYC1300 Introductory Psychology, plus 9 additional semester hours from the list of required psychology core courses and 6 additional semester hours from the list of psychology electives.

Courses Offered

PSYC1300 Introductory Psychology

Course Descriptions

PSYC1300 Introductory Psychology - 3 s.h.
An introductory survey of psychological methods and thoughts as they relate to human experience and behavior. Topics include the role of the central nervous system in mediating behavior, learning and memory, states of awareness, motivation and emotion, personality, psychological disorders, and therapy. ELO5 Social Science – Innovation, GE3E Liberal Learning-Social Sciences.

Teacher Certification in Psychology

ONLY FOR NON-PSYCHOLOGY MAJORS WHO WANT A SECONDARY PSYCHOLOGY ENDORSEMENT (5-12): Non-Psychology Majors desiring a secondary Psychology endorsement (5-12) in Iowa must complete the Secondary Education Program (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sec-educ-

pro/) (with SOSC3390 Methods of Teaching Social Studies as the appropriate methods course), a major in a secondary teaching field, and 24 s.h. in Psychology including the following courses:

- PSYC1300 Introductory Psychology – 3 s.h.
- PSYC3310 Social Psychology – 3 s.h.
- PSYC3510 Research Methods – 3 s.h.
- PSYC3340 Personality – 3 s.h.
- PSYC4350 History and Systems – 3 s.h.
- PSYC3500 Principles or Learning – 3 s.h.

Or a student may take 30 s.h. in the broad area of Social Sciences to include 15 s.h. in Psychology including the following courses:

- PSYC1300 Introductory Psychology – 3 s.h.
- PSYC3510 Research Methods – 3 s.h.
- PSYC3310 Social Psychology **or**
  PSYC3340 Personality **or**
  PSYC4350 History and Systems **or**
  PSYC3500 Principles or Learning – 3 s.h.
- Psychology Electives – 6 s.h.

Courses Offered

PSYC1300 Introductory Psychology

PSYC3310 Social Psychology

PSYC3340 Personality

PSYC3500 Principles of Learning

PSYC3510 Research Methods

PSYC4350 History and Systems

SOSC3390 Methods of Teaching Social Studies

Course Descriptions

PSYC1300 Introductory Psychology - 3 s.h.

An introductory survey of psychological methods and thoughts as they relate to human experience and behavior. Topics include the role of the central nervous system in mediating behavior, learning and memory, states of awareness, motivation and emotion, personality, psychological disorders, and therapy. ELO5 Social Science – Innovation, GE3E Liberal Learning-Social Sciences.

PSYC3310 Social Psychology - 3 s.h.

The study of how people think, feel, and behave in social situations. Attention given to research and application to social perception, interaction, and influence. Prerequisite: PSYC1300 or SOCI1300.

PSYC3340 Personality - 3 s.h.

A study of personality from dispositional, psychodynamic, humanistic, and behavioral perspectives and of the application of personality perspectives to current issues. Prerequisite: PSYC1300 and 3 additional hours of psychology.

PSYC3500 Principles of Learning - 3 s.h.

Explores a variety of theories of learning. Considers both conceptual and applied aspects of learning. Prerequisite: PSYC1300 and 3 additional hours of psychology. This course is offered every other year.

PSYC3510 Research Methods - 3 s.h.

A survey of the principles and practices of social research, including research ethics, experimental design, surveys, in-depth interviews, content analysis, participant observation, and field studies. Students also learn to write in scientific journal style. Prerequisite: 6 additional hours of psychology, sociology, or criminal justice.

PSYC4350 History and Systems - 3 s.h.

A historical analysis of systematic foundations in psychology. Includes Structuralism, Functionalism, Behaviorism, Gestalt psychology, and Psychoanalysis. Prerequisite: 6 semester hours in psychology.

SOSC3390 Methods of Teaching Social Studies - 3 s.h.

Discussions of the general and specific objectives of social studies in the secondary school system, the materials and resources available, techniques in teaching the social studies, types of curricula, and methods of evaluation. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program.

Course list - Psychology

Courses Offered

PSYC1300 Introductory Psychology

PSYC1400 Introduction to Forensic Psychology (also CRMJ1400)

PSYC2000 Individual Study

PSYC2250 Developmental Psychology

PSYC2320 Marriage and the Family (also SOCI2320)

PSYC3000 Individual Study

PSYC3130 Sports Psychology (also PHED3130)

PSYC3300 Sensation and Perception

PSYC3310 Social Psychology

PSYC3330 Behavioral Neuroscience

PSYC3340 Personality

PSYC3370 Cross Cultural Psychology

PSYC3380 Abnormal Psychology

PSYC3390 Cognitive Psychology

PSYC3440 Psychology of the Workplace

PSYC3500 Principles of Learning

PSYC3510 Research Methods

PSYC3520 Research Methods Two

PSYC3900 Topics in Psychology

PSYC4000 Individual Study

PSYC4250 Professional Seminar

PSYC4350 History and Systems

PSYC4360 Senior Internship

PSYC4430 Theory and Practice of Counseling

Course Descriptions

PSYC1300 Introductory Psychology - 3 s.h.

An introductory survey of psychological methods and thoughts as they relate to human experience and behavior. Topics include the role of the central nervous system in mediating behavior, learning and memory, states of awareness, motivation and emotion, personality, psychological disorders, and therapy. ELO5 Social Science – Innovation, GE3E Liberal Learning-Social Sciences.

PSYC1400 Introduction to Forensic Psychology (also CRMJ1400) - 3 s.h.

Explores the differing, yet varied facets of the field of forensic psychology including landmark legal cases relevant to psychology, potential careers in forensic psychology, police psychology, expert testimony, forensic psychological assessment, psychopathy, homeland security, ethics, correctional psychology, and issues in working in the juvenile justice system.

PSYC2000 Individual Study - 1-3 s.h.

PSYC2250 Developmental Psychology - 3 s.h.

The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

PSYC2320 Marriage and the Family (also SOCI2320) - 3 s.h.

A social science approach to relationships and attraction with a focus on marriage and the family unit. Topics include dating, marital roles, parenting, and interaction patterns. Explores disruptions such as divorce and domestic violence as well as clinical and community-level interventions from a systems perspective. +This course is only offered every other year.

PSYC3000 Individual Study - 1-3 s.h.

PSYC3130 Sports Psychology (also PHED3130) - 3 s.h.

An application of the theories and principles in psychology to the athlete, the athletic environment, and to coaching practices.

PSYC3300 Sensation and Perception - 3 s.h.
Consideration of how humans receive and interpret information from their environment through receptor systems and brain mechanisms. Including theories of perception, biology of sensory and perceptual systems, and practical applications of findings from research. Prerequisite: PSYC1300 Introductory Psychology. This course is offered every other year.

PSYC3310 Social Psychology - 3 s.h.
The study of how people think, feel, and behave in social situations. Attention given to research and application to social perception, interaction, and influence. Prerequisite: PSYC1300 or SOCI1300.

PSYC3330 Behavioral Neuroscience - 3 s.h.
Examination of the biological substrates of behavior. Topics include synaptic transmission and patterns of neural activity, sleep and arousal, learning and memory, motivation, emotion, neurological diseases, traumatic brain injuries. Prerequisites: PSYC1300 and 3 additional hours of psychology. This course is offered every other year.

PSYC3340 Personality - 3 s.h.
A study of personality from dispositional, psychodynamic, humanistic, and behavioral perspectives and of the application of personality perspectives to current issues. Prerequisite: PSYC1300 and 3 additional hours of psychology.

PSYC3370 Cross Cultural Psychology - 3 s.h.
Study of psychological theories and empirical findings relating to variations in cultures. Prerequisite: PSYC1300. ELO4 Global Learning - World Citizenship, ELO4 Global Learning - Equality and Peace.

PSYC3380 Abnormal Psychology - 3 s.h.
A study of the disorders outlined in the current diagnostic statistical manual. Emphasis will be on etiology, symptoms, and methods of treatment. Prerequisite: PSYC1300.

PSYC3390 Cognitive Psychology - 3 s.h.
Research and theory in areas of cognitive psychology, including attention; memory acquisition, storage, and retrieval; language comprehension; and problem solving. Prerequisite: PSYC1300 and 3 additional hours of psychology. This course is only offered every other year.

PSYC3440 Psychology of the Workplace - 3 s.h.
Psychological theory applied to problems of work: workplace design; group behavior; labor-management relations; leadership; employee selection and retention; psychological

evaluation of workers.

PSYC3500 Principles of Learning - 3 s.h.

Explores a variety of theories of learning. Considers both conceptual and applied aspects of learning. Prerequisite: PSYC1300 and 3 additional hours of psychology. This course is offered every other year.

PSYC3510 Research Methods - 3 s.h.

A survey of the principles and practices of social research, including research ethics, experimental design, surveys, in-depth interviews, content analysis, participant observation, and field studies. Students also learn to write in scientific journal style. Prerequisite: 6 additional hours of psychology, sociology, or criminal justice.

PSYC3520 Research Methods Two - 3 s.h.

Development and implementation of an original research project. Prerequisite: PSYC3510 and 6 additional hours of psychology, sociology, or criminal justice.

PSYC3900 Topics in Psychology - 1-3 s.h.

In-depth study of topics in the field of psychology. May be repeated for credit as topics vary. Prerequisite: PSYC1300.

PSYC4000 Individual Study - 1-3 s.h.

PSYC4250 Professional Seminar - 1 s.h.

Examination of professional and ethical issues, as well as careers and graduate education in psychology. Prerequisite: Senior standing and Psychology major.

PSYC4350 History and Systems - 3 s.h.

A historical analysis of systematic foundations in psychology. Includes Structuralism, Functionalism, Behaviorism, Gestalt psychology, and Psychoanalysis. Prerequisite: 6 semester hours in psychology.

PSYC4360 Senior Internship - 1-4 s.h.

Placement with external agency for application of knowledge, theory, and skills from the major in a professional setting. Pre-requisites: Psychology major, senior standing, 2.0 cumulative GPA, 3.0 GPA in the major, consent of supervising faculty. Students should enroll in 1 credit for every 50 hours that will be volunteered in the sponsor organization (with a maximum of 4 credits). Completion of the Senior Internship application with approval from agency sponsor and supervising faculty.

PSYC4430 Theory and Practice of Counseling - 3 s.h.

A course designed to explore characteristics of counselors, characteristics of clients, basic counseling techniques, and current theories of counseling. Prerequisite: PSYC1300 and 6 additional hours of psychology.

Social Change Major



BA Degree - Social Change Major

The Social Change major at Graceland University prepares students to be "difference makers" in their communities. Through an innovative, interdisciplinary curriculum, students learn about the history and context of their chosen concentration and are empowered with the practical tools that will best equip them to drive change in their careers and advocacy efforts. This major is intentionally designed to be partially completed through the General Education curriculum, making it very easy to add as a second, complimentary major.

In addition to the general education requirements, majors in social change must **complete 36 semester hours** as prescribed below:

Core Requirements 18 s.h.

- COMM2110 Intercultural Communication – 3 s.h. (General Education)
- COMM2220 Communication and Advocacy – 3 s.h.
- ENGL2600 Gender and Sexuality – 3 s.h.
- ENGL3240 Literatures of Social Justice – 3 s.h.
- ENGL3480 Cultural Studies – 3 s.h. (General Education)
- INTD4710 Social Change Capstone – 3 s.h.

Students must complete the Context and Tools of Change or alternatively may complete the Theology Concentration. Students who take the Theology Concentration qualify for the 4+1 pathway toward the Master of Arts in Peace and Social Transformation in the Community of Christ Seminary.

Context (Choose 12 hours from the list of options; at least 6 hours must be upper division; no more than two courses can be from the same discipline):

ARTS2240 Art for Social Change – 3 s.h.

ARTS2330 Art History: Innovation and Politics – 3 s.h. (General Education)

ARTS3110 Art History: Activism, Empathy and Justice – 3 s.h. (General Education)

COMM2500 Introduction to Mass Media – 3 s.h.

COMM3240 Environmental Communication – 3 s.h.

COMM3900 Topics in Communication – 3 s.h.

CRMJ2460 Multicultural Policing – 3 s.h.

ENGL2350 American Ethnic Literature – 3 s.h.

ENGL2370 World Literature – 3 s.h.

ENGL2380 Our Bondage and Our Freedom: Literature of the Americas, 1491-Present – 3 s.h.

ENGL2390 Modernity and the Modern World: Survey of British Literature and Culture – 3 s.h.

ENGL2540 Global Eco-Cinema – 3 s.h.

ENGL3110 Critical Theory – 3 s.h.

ENGL3260 American Environmental Literature – 3 s.h.

HIST1200 History of the African Diaspora – 3 s.h. (General Education)

HIST3220 History of Inequality in the United States – 3 s.h.

HLTH3120 Human Sexuality – 3 s.h.

MUSC3340 Musical Citizenship: Artistic Activism and Social Justice – 3 s.h.

PHIL2440 Social Dimensions of Equality – 3 s.h.

PSYC3370 Cross Cultural Psychology – 3 s.h.

RELG1310 Tyrant or Lover: God of the Old Testament – 3 s.h.

RELG2130 Introduction to New Testament – 3 s.h.

RELG2320 Introduction to Christian Theology – 3 s.h.

RELG3540 Peace and Justice in the Christian Tradition – 3 s.h.

SOCI4330 Social Inequality – 3 s.h.

Tools of Change Courses (6 hours from the following; at least 3 must be upper division; courses should not be from the same discipline):

ARTS1680 Graphic Design 1 – 3 s.h.

ARTS3200 Printmaking – 3 s.h.

ARTS3220 Photography – 3 s.h.

BUAD3210 Social Media Marketing – 3 s.h.

COMM3210 Conflict Management and Dialogue – 3 s.h.

COMM3500 Digital Discourses in Media – 3 s.h.

CSIT1060 Introduction to Web Development – 3 s.h.

CSIT/SUST2100 Introduction to Geographic Information Sciences – 3 s.h.

ECON3200 Public Finance – 3 s.h.

EDUC2120 Human Relations – 3 s.h.

ENGL2410 Creative Writing: Poetry – 3 s.h.

ENGL2420 Creative Writing: Fiction – 3 s.h.

ENGL3320 Creative Writing: Nonfiction – 3 s.h.

ENGL3420 Language and Culture – 3 s.h.

ENGL3530 Digital Filmmaking – 3 s.h.

HLTH3220 Personal and Community Health – 3 s.h.

RELG1400 Making Meaning from Suffering and Loss – 3 s.h.

RELG2220 Religion and Social Justice – 3 s.h.

RELG3530 Community of Christ Theology – 3 s.h.

RELG3550 Radical Community: Justice, Equity, Diversity, and Inclusion – 3 s.h.

Theology Concentration (18 s.h – 6 of the following courses: 12 s.h. (or 4 courses) must be RELG courses.)

ARTS2240 Art for Social Change – 3 s.h.

ARTS3110 Art History: Activism, Empathy and Justice – 3 s.h.

COMM3210 Conflict Management and Dialogue – 3 s.h.

ENGL3110 Critical Theory – 3 s.h.

HIST3220 History of Inequality in the United States – 3 s.h.

HLTH3120 Human Sexuality – 3 s.h.

PHIL2440 Social Dimensions of Equality – 3 s.h.

SOCI4330 Social Inequality – 3 s.h.

RELG1310 Tyrant or Lover: God of the Old Testament – 3 s.h.

RELG1400 Making Meaning from Suffering and Loss – 3 s.h.

RELG2130 Introduction to New Testament – 3 s.h.

RELG2220 Religion and Social Justice – 3 s.h.

RELG2320 Introduction to Christian Theology – 3 s.h.

RELG3530 Community of Christ Theology – 3 s.h.

RELG3540 Peace and Justice in the Christian Tradition – 3 s.h.

RELG3550 Radical Community: Justice, Equity, Diversity, and Inclusion – 3 s.h.

Recommended for General Education:

ECON1320 Principle of Microeconomics

MATH1360 Statistics for Critical Thinking

Courses Offered

ARTS1680 Graphic Design 1

ARTS2240 Art for Social Change

ARTS2330 Art History: Innovation and Politics

ARTS3110 Art History: Activism, Empathy and Justice

ARTS3200 Printmaking

ARTS3220 Photography

BUAD3210 Social Media Marketing

COMM2110 Intercultural Communication

COMM2220 Communication and Advocacy

COMM2500 Introduction to Mass Media

COMM3210 Conflict Management and Dialogue (Also SOCI/PEAC3210)

COMM3240 Environmental Communication

COMM3500 Digital Discourses in Media

COMM3900 Topics in Communication

CRMJ2460 Multicultural Policing

CSIT1060 Introduction to Web Development

CSIT2110 Introduction to Geographic Information Sciences (also SUST2100)

ECON1320 Principles of Microeconomics

ECON3200 Public Finance

EDUC2120 Human Relations

ENGL2350 American Ethnic Literatures

ENGL2370 World Literature

ENGL2380 Our Bondage and Our Freedom: Literature of the Americas, 1491-Present

ENGL2390 Modernity and the Modern World: Survey of British Literature and Culture

ENGL2410 Creative Writing: Poetry

ENGL2420 Creative Writing: Fiction

ENGL2540 Global Eco-Cinema

ENGL2600 Gender and Sexuality

ENGL3110 Critical Theory

ENGL3240 Literatures of Social Justice

ENGL3260 American Environmental Literature

ENGL3320 Creative Writing: Nonfiction

ENGL3420 Language and Culture

ENGL3480 Cultural Studies

ENGL3530 Digital Filmmaking

HIST1200 History of the African Diaspora

HIST3220 History of Inequality in the United States

HLTH3120 Human Sexuality

HLTH3220 Personal and Community Health

INTD4710 Social Change Capstone

MATH1360 Statistics for Critical Thinking

PHIL2440 Social Dimensions of Equality

PSYC3370 Cross Cultural Psychology

RELG3540 Peace and Justice in the Christian Tradition

SOCI4330 Social Inequality

SUST2100 Introduction to Geographic Information Sciences
(also CSIT2110)

Course Descriptions

ARTS1680 Graphic Design 1 - 3 s.h.

A technical course exploring the digital tools used in the graphic design industry. Students are exposed to the function, theory, and use of industry-standard computer hardware, software, and basic digital design principles utilized in the production of graphic design.

ARTS2240 Art for Social Change - 3 s.h.

This course aims to create social and political change through collaboration with individuals, communities, and institutions through the creation of participatory art. This discipline often values process over final product and become lifelong pursuits. Some examples include artistic activism, community-based art, creative placemaking, cultural organizing, performance, participatory art, social engagement, and social sculpture. No prior art experience necessary. ELO5 Arts - World Citizenship, ELO5 Arts - Equality and Peace

ARTS2330 Art History: Innovation and Politics - 3 s.h.

Theme-based art history course exploring topics such as innovation, power, politics, architecture, entertainment, sacred spaces, sustainability, and eco art throughout art history to the present. ELO5 Arts - Innovation, GE3A Liberal Learning-Arts.

ARTS3110 Art History: Activism, Empathy and Justice - 3 s.h.

Theme-based art history course that explores topics such as activism, empathy, justice, disability, mental illness, feminism, sexuality, queer art, social and civic engagement, labor, and race throughout art history to the present. ELO5 Arts - Equality, ELO5 Arts - Equality and Peace, GE3A Liberal Learning-Arts.

ARTS3200 Printmaking - 3 s.h.

This introductory printmaking making course introduces students to non-toxic printmaking techniques including relief printing, monotype, silkscreen, and other contemporary processes. The course explores how these traditional methods have been used as a means for informing, gathering, protesting, and celebration. Studio Fee required. ELO5 Arts - Innovation

ARTS3220 Photography - 3 s.h.

An exploration into visual story telling through digital photography, imaging, and editing. Course will focus on capturing high quality images to use in professional design work. Studio Fee required.

BUAD3210 Social Media Marketing - 3 s.h.

This course provides a comprehensive overview, with hands-on experience, of Social Media Marketing. The most basic objectives of the course are to provide students with a broad

introduction to social media marketing concepts and techniques using the latest online tools combined with practical "real world" application. There will be an emphasis on strategic use of tools, effective design and contemporary marketing techniques. Students will build and maintain real world marketing campaigns.

COMM2110 Intercultural Communication - 3 s.h.

An examination of concepts that have application to communication across cultural boundaries, with emphasis on relating them to effective intercultural communication skGE3C Liberal Learning-Humanities. ELO4 Global Learning - World Citizenship, ELO4 Global Learning - Equality and Peace, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

COMM2220 Communication and Advocacy - 3 s.h.

An examination of rhetorical and political communication theories and practices that are fundamental to social change advocacy. Students will become familiar with basic tools of organizing and advocating for social change, with hands-on application of various communication theories and approaches. +This course is only offered every other year.

COMM2500 Introduction to Mass Media - 3 s.h.

An examination of the various landmark theories, such as rhetorical, Marxist, and feminist to analyze popular culture, with an emphasis on the importance of communication in the production and consumption of culture. Students will study the development of culture by applying different theories or 'lenses' to cultural artifacts including music, movies, advertisements, clothing, etc. GE3C Liberal Learning-Humanities +This course is only offered every other year.

COMM3210 Conflict Management and Dialogue (Also SOCI/PEAC3210) - 3 s.h.

An examination of conflict theories and approaches, negotiation process, conflict ethics, and third party mediation. In this class, students will become familiar with the causes of conflict as well as ways strategies and tactics used in conflict management. Further, this class will explore the foundational theoretical concepts and models of dialogue in the context of conflict management. +This course is only offered every other year.

COMM3240 Environmental Communication - 3 s.h.

This course will extend scientific knowledge to understand how nature and the environment influence communication and society. Students will learn about significant environmental controversies, from toxic waste to climate change, to pro-

environmental behaviors. Using a foundation of persuasion, the course focuses on social responsibility and the history of mediated communication within the context of environmental movements and human-made crises.

COMM3500 Digital Discourses in Media - 3 s.h.

An exploration of the emergence of new communication practices as well as their social, political, cultural, and economic impact in personal, community, cultural, social, institutional, and international life. Specific attention will be given to the ways social media influence and shape matters of ethics and privacy, how we see ourselves and others, how we interact formally and informally, and how we do business. ELO4 Global Learning - Innovation +This course is only offered every other year.

COMM3900 Topics in Communication - 1-3 s.h.

Advanced study in specific topics in communication, to be announced the semester before they are offered. May be repeated for credit as topics change.

CRMJ2460 Multicultural Policing - 3 s.h.

This course focuses on the challenges present in policing multicultural settings. Issues pertaining to understanding diverse cultures and effective communication across cultures from the standpoint of law enforcement are explored in detail. Recommended prerequisite: CRMJ1200.

CSIT1060 Introduction to Web Development - 3 s.h.

Basics of how the World Wide Web works and web site construction using HTML and CSS. Related technology skills will be covered.

CSIT2110 Introduction to Geographic Information Sciences (also SUST2100) - 3 s.h.

Students will learn theoretical and practical foundations related to geographic information systems and spatial analysis. Emphasis on teaching students to integrate and analyze spatial information from various sources. Includes a weekly laboratory section. Prerequisite: MATH1380.

ECON1320 Principles of Microeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

ECON3200 Public Finance - 3 s.h.

An examination of the taxation policies and expenditure programs of the public sector. Related topics include public goods, income distribution, and public choice theory. Prerequisite: ECON1320. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace. Offered odd years Spring. +This course is only offered every other year.

EDUC2120 Human Relations - 3 s.h.

Analysis of various societal subgroups and how such groups recognize and deal with dehumanizing biases. Students learn to relate effectively to various groups to foster understanding and respect for equity, diversity, and inclusion. Emphasis on self-awareness in human relations issues and how this awareness can be translated into positive relationships. Introduction to ethnographic analysis and pedagogical, curricular, and social considerations involved in working with and educating various societal subgroups. ELO3 Ethical Thinking and Action - Equality, ELO3 Ethical Thinking and Action - Equality and Peace, GE3E Liberal Learning-Social Sciences

ENGL2350 American Ethnic Literatures - 3 s.h.

A survey of multi-ethnic U.S. literature, including African American literature, Latino/a literature, Asian American literature, Native American literature, and American Jewish literature. As a complement to literary texts, students will also examine a range of introductory theoretical texts in the interdisciplinary field of ethnic studies. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. ++ This course is on a four-year cycle.

ENGL2370 World Literature - 3 s.h.

Examines literary works by authors from a broad range of artistic and cultural traditions. Designed to offer students an introduction to literature as a point of access into global communities such as Western European, Middle Eastern, African, Asian, Indigenous, and Latinx. ELO5 Humanities - World Citizenship, ELO5 Humanities - Sustainability. +This course is only offered every other year.

ENGL2380 Our Bondage and Our Freedom: Literature of the Americas, 1491-Present - 3 s.h.

Survey of American Literature stretching from the advent of European colonization in the Western Hemisphere to the present. The course will pay special attention to the legacies of colonialism and slavery, the history of social movements for freedom and equality, the making (and unmaking) of U.S. national mythologies, the major formal transformations that

have taken place in U.S. Literature, and the function of literature as an innovative and adaptive technology that expands human capacities. GE3C Liberal Learning-Humanities

ENGL2390 Modernity and the Modern World: Survey of British Literature and Culture - 3 s.h.

The course employs visual and literary texts to examine the various social, cultural, political, artistic, and philosophical movements from modernity to the present. By critically engaging with both colonial and postcolonial texts, the course attempts to understand the ways in which the concepts like modernity, empire, coloniality, postcoloniality, and world-building intersect as well as shape our contemporary world. Considering the influence of modernity and the expanse of British empire, this course aims to enable students to understand their own lives as citizens of a world that has been shaped by these movements. GE3C Liberal Learning-Humanities

ENGL2410 Creative Writing: Poetry - 3 s.h.

Study of poetry writing through the lens of sustainability. Investigates the maintenance of various systems that meet human needs (e.g. emotional, physical, social, environmental) through extensive poetry writing and class discussion. Emphasis on poetry as a means of self-discovery as well as an art form. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL2420 Creative Writing: Fiction - 3 s.h.

Study of fiction writing through the lens of sustainability. Investigates the maintenance of various systems that meet human needs (e.g. emotional, physical, social, environmental) through extensive fiction writing and class discussion. Emphasis on fiction as a means of self-discovery as well as an art form. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL2540 Global Eco-Cinema - 3 s.h.

A transnational survey of films that deal with environmental issues and, more broadly, with human relationships to the nonhuman world. An examination of the impact of urbanization on rural communities, the mysterious allure of wild and uncultivated landscapes, the threat of climate change to daily life around the world, and the cinematic representation of environmental apocalypse. Explores different genres and styles, including neo-realism, eco-horror, anime, and avant-

garde cinema. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL2600 Gender and Sexuality - 3 s.h.

An exploration of issues of gender and sexuality in literature, with a focus on fiction, drama, and poetry by women and LGBT+ writers. As a complement to literary texts, students will also examine a range of introductory theoretical texts in the interdisciplinary field of gender and sexuality studies. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. ++ This course is on a four-year cycle.

ENGL3110 Critical Theory - 3 s.h.

Advanced study of literary, cultural, and moving image theory, and the application to written and filmic texts. GE3C Liberal Learning-Humanities +This course is only offered every other year.

ENGL3240 Literatures of Social Justice - 3 s.h.

An investigation of the role of literature as a vehicle for social change. With a focus on the literatures of emancipatory social movements, this global survey course includes a range of modern authors who merged the personal with the political. Students examine how literature and narrative forms of storytelling function as a means of engaging ethical and social concerns, and eliciting emotions in readers-from rage and defiance to observation and understanding-that might serve to promote social justice. ELO5 Humanities - Peace, ELO5 Humanities - Equality and Peace +This course is only offered every other year.

ENGL3260 American Environmental Literature - 3 s.h.

What makes a work of literature "environmental"? How have humans thought about nature throughout history, and how does that intellectual and artistic history affect us today? Can works of literature help humans prevent environmental catastrophes like climate change and species extinction? We'll seek answers to these questions as we engage with fiction, nonfiction, drama, and poetry. We'll discuss the ways that literary and cultural forms can shape who we are, what we value, and what we imagine for the future. We'll also work to build your skills of critical reading, analytical thinking and persuasive writing, skills that will serve you in the future, in whatever environment you inhabit. ELO5 Humanities - Sustainability.

ENGL3320 Creative Writing: Nonfiction - 3 s.h.

Study of nonfiction writing through the lens of sustainability. Investigates the maintenance of various systems that meet human needs (e.g. emotional, physical, social, environmental) through extensive nonfiction writing and class discussion. Emphasis on nonfiction as a means of self-discovery as well as an art form. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities.

ENGL3420 Language and Culture - 3 s.h.

An introduction to languaging and grammatical structures of the English language. Emphasizes the history and development of English in different cultural communities as a means to understand, rather than prescribe, how English-speakers use language. Students will engage with cultural interpretations of linguistics as a field of study to better understand the relationship between the evolution of languages and how that evolution plays a part in social justice issues. ELO5 Humanities - Innovation, GE3C Liberal Learning-Humanities.

ENGL3480 Cultural Studies - 3 s.h.

Explores cultural systems of meaning and attendant issues of power, particularly in terms of class, gender, nation, race, nature, and sexuality. Emphasis on commercial and media culture. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL3530 Digital Filmmaking - 3 s.h.

A hands-on introduction to digital film production and editing. Introduces the technical knowledge need to investigate the creative possibilities of composition, light, motion, color and sound in shooting digital film. Examines the fundamentals of nonlinear editing, including continuity development, logging clips, audio tracks, and transitions. Additional fee required. Prerequisites: ENGL2510 or instructor consent. +This course is only offered every other year.

HIST1200 History of the African Diaspora - 3 s.h.

A history of the people of African descent in the Americas, including the United States, as well as the Caribbean, Central and South America. Issues of survival and resistance, the persistence of racism and white supremacy, and struggles for freedom, across countries and time periods, will be stressed. ELO5 Histories - Equality, ELO5 Histories - Equality and Peace, GE3B Liberal Learning-Histories.

HIST3220 History of Inequality in the United States - 3 s.h.

This course examines the causes and consequences of social, political, and economic inequalities in modern United States history. Through the examination of primary sources, students will engage in discussion of the cultural impact that inequality has had in shaping modern US society.

HLTH3120 Human Sexuality - 3 s.h.

Discussion of sexual biology, psychology, and sociocultural dimension of human sexual health and behavior. A grade of C or higher required to count toward the Allied Health major.

HLTH3220 Personal and Community Health - 3 s.h.

A foundational course designed for students to become informed about health as well as becoming responsible and active participants in the maintenance of their personal health and affecting the health of their community. The course is intended to provide coverage of health promotion, mental health, stress management, afflictions and diseases, aging, environmental health, consumerism and health care and promotion. A grade of C or higher required to count toward the Allied Health major. ELO4 Global Learning - Sustainability.

INTD4710 Social Change Capstone - 3 s.h.

Capstone project designed to allow students to synthesize knowledge across their social change major through the production of an original work (research paper, creative project, etc.). Must be developed under the supervision of a social change advisor. Students who are completing more than one major may elect to complete this requirement by approaching another major's capstone project through a social change lens. A social change contract to be filled out by the student, the student's social change advisor, and the faculty teaching the capstone in the aforementioned major is required for this option.

MATH1360 Statistics for Critical Thinking - 3 s.h.

A critical thinking approach to data analysis, measures of central tendency, dispersion, correlation, probability, estimation and hypothesis testing. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

PHIL2440 Social Dimensions of Equality - 3 s.h.

An examination of different conceptions of ethical social relationships and ethical behavior. Considers varying accounts of theories of value and right action with critical analysis of systemic and social influences on individual and collective interactions. ELO3 Ethical Thinking and Action - Equality, ELO3 Ethical Thinking and Action - Equality and Peace.

PSYC3370 Cross Cultural Psychology - 3 s.h.

Study of psychological theories and empirical findings relating to variations in cultures. Prerequisite: PSYC1300. ELO4 Global Learning - World Citizenship, ELO4 Global Learning - Equality and Peace.

RELG3540 Peace and Justice in the Christian Tradition - 3 s.h.

Christian theology is a centuries-long conversation about the meaning of Jesus' life and message. As theologians have interpreted their faith, they have often pondered questions of justice and peace. How can the nonviolent message of Jesus challenge cultures of oppression? Can war ever be 'just'? What insights might theological traditions offer to help critique forces that perennialize poverty? What ethical resources can Christian traditions apply to environmental degradation or the search for gender justice? This course explores such questions by focusing them through the thought of key theologians from across the centuries: e.g., Augustine of Hippo, Julian of Norwich, Dietrich Bonhoeffer, Oscar Romero, Martin Luther King, Jr., and Letty Russell. We explore how these thinkers' questions and proposals remain ethically meaningful in the contemporary World. ELO3 Ethical Thinking and Action - Peace, ELO3 Ethical Thinking and Action - Equality and Peace.

SOCI4330 Social Inequality - 3 s.h.

Examines the intersection of race, ethnicity, class, gender, and other minority statuses and the relationships to personal identity and social structure. Helps to develop an awareness and understanding of diverse values, life-styles, beliefs, and attitudes of various racial, cultural, and ethnic minorities. Focuses on the social, legal, economic, and political aspects of prejudice and discrimination on socially disadvantaged groups. Prerequisite: SOCI1300 (with grade of C or better) and senior standing.

SUST2100 Introduction to Geographic Information Sciences (also CSIT2110) - 3 s.h.

Students will learn theoretical and practical foundations related to geographic information systems and spatial analysis. Emphasis on teaching students to integrate and analyze spatial information from various sources. Includes a weekly laboratory section. Prerequisite: MATH1370.

Critical Race and Ethnic Studies Minor

The interdisciplinary minor in Critical Race and Ethnic Studies **requires 18 s.h.**:

Core Requirements 9 s.h.

COMM2110 Intercultural Communications – 3 s.h.

ENGL3110 Critical Theory – 3 s.h.

SOCI2300 Race and Ethnicity in the United States – 3 s.h.

3 s.h. of electives from each of the following lists (9 s.h. total)

Culture:

ENGL2350 American Ethnic Literature – 3 s.h.

ENGL3240 Literatures of Social Justice – 3 s.h.

ENGL3480 Cultural Studies – 3 s.h.

SPAN3240 Literature, Visual Culture, and Digital Media in the Hispanic Caribbean – 3 s.h.

Theory:

COMM2500 Introduction to Mass Media – 3 s.h.

EDUC2120 Human Relations – 3 s.h.

PEAC/POLS2200 Introduction to Peace Studies – 3 s.h.

PHIL2440 Social Dimensions of Equality (Prerequisite: SOCI1300 (with grade of C or better) and senior standing.) – 3 s.h.

PSYC3310 Social Psychology (Prerequisite: SOCI1300 or PSYC1300) – 3 s.h.

PSYC3370 Cross Cultural Psychology – 3 s.h.

RELG3540 Peace and Justice in the Christian Tradition – 3 s.h.

SOCI4330 Social Inequality – 3 s.h.

History:

HIST1200 History of the African Diaspora – 3 s.h.

HIST2200 Survey of Latin American History I – 3 s.h.

HIST2210 Survey of Latin American History II – 3 s.h.

HIST/POLS3240 Rights and Responsibilities in the United States – 3 s.h.

POLS2360 The Politics of Immigration – 3 s.h.

SOCI3130 Social Movements (Prerequisite: SOCI1300 Introduction to Sociology or PEAC2200 Introduction to Peace Studies and sophomore standing.) – 3 s.h.

Courses Offered

COMM2110 Intercultural Communication

COMM2500 Introduction to Mass Media

EDUC2120 Human Relations

ENGL2350 American Ethnic Literatures

ENGL3110 Critical Theory

ENGL3240 Literatures of Social Justice

ENGL3480 Cultural Studies

HIST1200 History of the African Diaspora

HIST2200 Survey of Latin American History I

HIST2210 Survey of Latin American History II

HIST3240 Rights and Responsibilities in the United States (also POLS3240)

PEAC2200 Introduction to Peace Studies (also POLS2200)

PHIL2440 Social Dimensions of Equality

POLS2360 The Politics of Immigration

PSYC3310 Social Psychology

PSYC3370 Cross Cultural Psychology

RELG3540 Peace and Justice in the Christian Tradition

SOCI2300 Race and Ethnicity in the United States

SOCI3130 Social Movements

SOCI4330 Social Inequality

SPAN3240 Literature, Visual Culture, and Digital Media in the Hispanic Caribbean

Course Descriptions

COMM2110 Intercultural Communication - 3 s.h.

An examination of concepts that have application to communication across cultural boundaries, with emphasis on relating them to effective intercultural communication skGE3C Liberal Learning-Humanities. ELO4 Global Learning - World Citizenship, ELO4 Global Learning - Equality and Peace, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

COMM2500 Introduction to Mass Media - 3 s.h.

An examination of the various landmark theories, such as rhetorical, Marxist, and feminist to analyze popular culture, with an emphasis on the importance of communication in the production and consumption of culture. Students will study the development of culture by applying different theories or 'lenses' to cultural artifacts including music, movies, advertisements, clothing, etc. GE3C Liberal Learning-Humanities +This course is only offered every other year.

EDUC2120 Human Relations - 3 s.h.

Analysis of various societal subgroups and how such groups recognize and deal with dehumanizing biases. Students learn to relate effectively to various groups to foster understanding and respect for equity, diversity, and inclusion. Emphasis on self-awareness in human relations issues and how this awareness can be translated into positive relationships. Introduction to ethnographic analysis and pedagogical, curricular, and social considerations involved in working with and educating various societal subgroups. ELO3 Ethical Thinking and Action - Equality, ELO3 Ethical Thinking and Action - Equality and Peace, GE3E Liberal Learning-Social Sciences

ENGL2350 American Ethnic Literatures - 3 s.h.

A survey of multi-ethnic U.S. literature, including African American literature, Latino/a literature, Asian American literature, Native American literature, and American Jewish literature. As a complement to literary texts, students will also examine a range of introductory theoretical texts in the interdisciplinary field of ethnic studies. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. ++ This course is on a four-year cycle.

ENGL3110 Critical Theory - 3 s.h.

Advanced study of literary, cultural, and moving image theory, and the application to written and filmic texts. GE3C Liberal Learning-Humanities +This course is only offered every other year.

ENGL3240 Literatures of Social Justice - 3 s.h.

An investigation of the role of literature as a vehicle for social change. With a focus on the literatures of emancipatory social movements, this global survey course includes a range of modern authors who merged the personal with the political. Students examine how literature and narrative forms of storytelling function as a means of engaging ethical and social concerns, and eliciting emotions in readers-from rage and defiance to observation and understanding-that might serve to promote social justice. ELO5 Humanities - Peace, ELO5 Humanities - Equality and Peace +This course is only offered every other year.

ENGL3480 Cultural Studies - 3 s.h.

Explores cultural systems of meaning and attendant issues of power, particularly in terms of class, gender, nation, race, nature, and sexuality. Emphasis on commercial and media culture. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

HIST1200 History of the African Diaspora - 3 s.h.

A history of the people of African descent in the Americas, including the United States, as well as the Caribbean, Central and South America. Issues of survival and resistance, the persistence of racism and white supremacy, and struggles for freedom, across countries and time periods, will be stressed. ELO5 Histories - Equality, ELO5 Histories - Equality and Peace, GE3B Liberal Learning-Histories.

HIST2200 Survey of Latin American History I - 3 s.h.

A history of the peoples of the Americas, from their arrival in the western hemisphere through the 19th century. Topics to be addressed include Native American societies and states, the encounter with Europe, the long colonial period, and struggles for political and economic independence. ELO5 Histories - World Citizenship, ELO5 Histories - Equality and Peace

HIST2210 Survey of Latin American History II - 3 s.h.

A history of the peoples of Mexico, Central America, the Caribbean, and South America, from the 19th century to the present. Topics to be addressed include struggles for political and economic independence, social movements, and the

influence of North American and other outside powers. ELO5 Histories - World Citizenship, ELO5 Histories - Equality and Peace

HIST3240 Rights and Responsibilities in the United States (also POLS3240) - 3 s.h.

A study of the history of the creation and evolving interpretation of the U.S. Constitution, with emphasis on important issues decided by the Supreme Court. ELO5 Histories - Equality, ELO5 Histories - Equality and Peace. +This course is only offered every other year.

PEAC2200 Introduction to Peace Studies (also POLS2200) - 3 s.h.

Introduces the field of peace studies with a survey of the historical and philosophical bases for peacemaking, patterns of conflict resolution, nonviolence, history of peace movements, world order models, alternative futures, positive peace, and career options. ELO5 Histories - Peace, ELO5 Histories - Equality and Peace

PHIL2440 Social Dimensions of Equality - 3 s.h.

An examination of different conceptions of ethical social relationships and ethical behavior. Considers varying accounts of theories of value and right action with critical analysis of systemic and social influences on individual and collective interactions. ELO3 Ethical Thinking and Action - Equality, ELO3 Ethical Thinking and Action - Equality and Peace.

POLS2360 The Politics of Immigration - 3 s.h.

Examines immigration in an interdisciplinary way, focusing on how politics affects, obscures or exacerbates inequalities of power, wealth and safety among immigrant populations worldwide. Explores motives for migration across or within states, the means by which people migrate, and the reception immigrants receive in their destination countries. ELO4 Global Learning - Equality, ELO4 Global Learning - Equality and Peace

PSYC3310 Social Psychology - 3 s.h.

The study of how people think, feel, and behave in social situations. Attention given to research and application to social perception, interaction, and influence. Prerequisite: PSYC1300 or SOCI1300.

PSYC3370 Cross Cultural Psychology - 3 s.h.

Study of psychological theories and empirical findings relating to variations in cultures. Prerequisite: PSYC1300. ELO4 Global Learning - World Citizenship, ELO4 Global Learning - Equality and Peace.

RELG3540 Peace and Justice in the Christian Tradition - 3 s.h.

Christian theology is a centuries-long conversation about the meaning of Jesus' life and message. As theologians have interpreted their faith, they have often pondered questions of justice and peace. How can the nonviolent message of Jesus challenge cultures of oppression? Can war ever be 'just'? What insights might theological traditions offer to help critique forces that perennialize poverty? What ethical resources can Christian traditions apply to environmental degradation or the search for gender justice? This course explores such questions by focusing them through the thought of key theologians from across the centuries: e.g., Augustine of Hippo, Julian of Norwich, Dietrich Bonhoeffer, Oscar Romero, Martin Luther King, Jr., and Letty Russell. We explore how these thinkers' questions and proposals remain ethically meaningful in the contemporary World. ELO3 Ethical Thinking and Action - Peace, ELO3 Ethical Thinking and Action - Equality and Peace.

SOCI2300 Race and Ethnicity in the United States - 3 s.h.

Examines the basic sociological concepts and theories of race and ethnicity. Particular focus will be given to the social construction of race, as well as the causes and consequences of racism, immigration, education and residential segregation, environmental inequality, and social justice movements.

SOCI3130 Social Movements - 3 s.h.

Examines the origins, nature, and processes of social change movements. Prerequisite: SOCI1300 Introduction to Sociology or PEAC2200 Introduction to Peace Studies and sophomore standing.

SOCI4330 Social Inequality - 3 s.h.

Examines the intersection of race, ethnicity, class, gender, and other minority statuses and the relationships to personal identity and social structure. Helps to develop an awareness and understanding of diverse values, life-styles, beliefs, and attitudes of various racial, cultural, and ethnic minorities. Focuses on the social, legal, economic, and political aspects of prejudice and discrimination on socially disadvantaged groups. Prerequisite: SOCI1300 (with grade of C or better) and senior standing.

SPAN3240 Literature, Visual Culture, and Digital Media in the Hispanic Caribbean - 3 s.h.

Explores contemporary literature, visual culture, and digital media in translation produced in the Hispanic Caribbean (Cuba, Puerto Rico, and the Dominican Republic). Through the examination of literary, digital, and visual materials, including

narrative prose, paintings, murals, films, and performances, students will be exposed to multiple interpretations (new and traditional) of concepts such as citizenship and gender, sexual, and racial identities in the Hispanic Caribbean and its diasporas, particularly in the United States. Taught in English. ELO4 Global Learning – Equality, ELO4 Global Learning - Equality and Peace

Women's, Gender, and Sexuality Studies Minor

The interdisciplinary minor in Women's, Gender, and Sexuality Studies **requires 18 s.h.**:

Core Requirements 9 s.h.

COMM3220 Gender and Communication – 3 s.h.

ENGL3110 Critical Theory – 3 s.h.

SOCI3200 Gender and Society (Prerequisite: SOCI1300 Introduction to Sociology **or** PSYC1300 Introduction to Psychology and sophomore standing.) – 3 s.h.

3 s.h. of electives from each of the following lists (9 s.h. total)

Theory and Law:

COMM2500 Introduction to Mass Media – 3 s.h.

EDUC2120 Human Relations – 3 s.h.

HIST/POLS3240 Rights and Responsibilities in the United States – 3 s.h.

PHIL2440 Social Dimensions of Equality (Prerequisite: SOCI1300 (with grade of C or better) and senior standing.) – 3 s.h.

PSYC3310 Social Psychology (Prerequisite: SOCI1300 or PSYC1300) – 3 s.h.

Society and Nature:

HLTH3120 Human Sexuality – 3 s.h.

PSYC/SOCI2320 Marriage and the Family – 3 s.h.

SOCI2440 Victimology (Prerequisites: SOCI1300 or consent from instructor.) – 3 s.h.

SOCI3130 Social Movements (Prerequisite: SOCI1300 Introduction to Sociology or PEAC2200 Introduction to Peace Studies and sophomore standing.) – 3 s.h.

SOCI3220 Sociology of Sexualities (Prerequisite: SOCI1300 Introduction to Sociology and sophomore standing.) – 3 s.h.

SOCI4330 Social Inequality (Prerequisite: SOCI1300 (with grade of C or better) and senior standing.) – 3 s.h.

RELG3540 Peace and Justice in the Christian Tradition – 3 s.h.

Language and Culture:

ENGL2600 Gender and Sexuality – 3 s.h.

ENGL3240 Literatures of Social Justice – 3 s.h.

ENGL3480 Cultural Studies – 3 s.h.

SPAN3240 Literature, Visual Culture, and Digital Media in the Hispanic Caribbean – 3 s.h.

Courses Offered

COMM2500 Introduction to Mass Media

COMM3220 Gender and Communication

EDUC2120 Human Relations

ENGL2600 Gender and Sexuality

ENGL3110 Critical Theory

ENGL3240 Literatures of Social Justice

ENGL3480 Cultural Studies

HIST3240 Rights and Responsibilities in the United States (also POLS3240)

HLTH3120 Human Sexuality

PEAC2200 Introduction to Peace Studies (also POLS2200)

PHIL2440 Social Dimensions of Equality

PSYC1300 Introductory Psychology

PSYC2320 Marriage and the Family (also SOCI2320)

PSYC3310 Social Psychology

RELG3540 Peace and Justice in the Christian Tradition

SOCI1300 Introduction to Sociology

SOCI2320 Marriage and the Family (also PSYC2320)

SOCI2440 Victimology

SOCI3130 Social Movements

SOCI3200 Gender and Society

SOCI3220 Sociology of Sexualities

SOCI4330 Social Inequality

Course Descriptions

COMM2500 Introduction to Mass Media - 3 s.h.

An examination of the various landmark theories, such as rhetorical, Marxist, and feminist to analyze popular culture, with an emphasis on the importance of communication in the production and consumption of culture. Students will study the development of culture by applying different theories or 'lenses' to cultural artifacts including music, movies, advertisements, clothing, etc. GE3C Liberal Learning-Humanities +This course is only offered every other year.

COMM3220 Gender and Communication - 3 s.h.

An exploration of sex, gender, and sexuality as they relate to the ways we communicate in personal, professional, and political contexts. Specific attention will be given to self-other relationships, how gendered identities affect interpersonal, cultural, and political interactions, where do individuals stand in terms of normative gender identities, and how those norms came to be. +This course is only offered every other year.

EDUC2120 Human Relations - 3 s.h.

Analysis of various societal subgroups and how such groups recognize and deal with dehumanizing biases. Students learn to relate effectively to various groups to foster understanding and respect for equity, diversity, and inclusion. Emphasis on self-awareness in human relations issues and how this awareness can be translated into positive relationships. Introduction to ethnographic analysis and pedagogical, curricular, and social considerations involved in working with and educating various societal subgroups. ELO3 Ethical Thinking and Action - Equality, ELO3 Ethical Thinking and Action - Equality and Peace, GE3E Liberal Learning-Social Sciences

ENGL2600 Gender and Sexuality - 3 s.h.

An exploration of issues of gender and sexuality in literature, with a focus on fiction, drama, and poetry by women and LGBT+ writers. As a complement to literary texts, students will also examine a range of introductory theoretical texts in the interdisciplinary field of gender and sexuality studies. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. ++ This course is on a four-year cycle.

ENGL3110 Critical Theory - 3 s.h.

Advanced study of literary, cultural, and moving image theory, and the application to written and filmic texts. GE3C Liberal Learning-Humanities +This course is only offered every other year.

ENGL3240 Literatures of Social Justice - 3 s.h.

An investigation of the role of literature as a vehicle for social change. With a focus on the literatures of emancipatory social movements, this global survey course includes a range of modern authors who merged the personal with the political. Students examine how literature and narrative forms of storytelling function as a means of engaging ethical and social concerns, and eliciting emotions in readers-from rage and defiance to observation and understanding-that might serve to promote social justice. ELO5 Humanities - Peace, ELO5 Humanities - Equality and Peace +This course is only offered every other year.

ENGL3480 Cultural Studies - 3 s.h.

Explores cultural systems of meaning and attendant issues of power, particularly in terms of class, gender, nation, race, nature, and sexuality. Emphasis on commercial and media culture. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

HIST3240 Rights and Responsibilities in the United States (also POLS3240) - 3 s.h.

A study of the history of the creation and evolving interpretation of the U.S. Constitution, with emphasis on important issues decided by the Supreme Court. ELO5 Histories - Equality, ELO5 Histories - Equality and Peace. +This course is only offered every other year.

HLTH3120 Human Sexuality - 3 s.h.

Discussion of sexual biology, psychology, and sociocultural dimension of human sexual health and behavior. A grade of C or higher required to count toward the Allied Health major.

PEAC2200 Introduction to Peace Studies (also POLS2200) - 3 s.h.

Introduces the field of peace studies with a survey of the historical and philosophical bases for peacemaking, patterns of conflict resolution, nonviolence, history of peace movements, world order models, alternative futures, positive peace, and career options. ELO5 Histories - Peace, ELO5 Histories - Equality and Peace

PHIL2440 Social Dimensions of Equality - 3 s.h.

An examination of different conceptions of ethical social relationships and ethical behavior. Considers varying accounts of theories of value and right action with critical analysis of systemic and social influences on individual and collective interactions. ELO3 Ethical Thinking and Action - Equality, ELO3 Ethical Thinking and Action - Equality and Peace.

PSYC1300 Introductory Psychology - 3 s.h.

An introductory survey of psychological methods and thoughts as they relate to human experience and behavior. Topics include the role of the central nervous system in mediating behavior, learning and memory, states of awareness, motivation and emotion, personality, psychological disorders, and therapy. ELO5 Social Science – Innovation, GE3E Liberal Learning-Social Sciences.

PSYC2320 Marriage and the Family (also SOCI2320) - 3 s.h.

A social science approach to relationships and attraction with a focus on marriage and the family unit. Topics include dating, marital roles, parenting, and interaction patterns. Explores disruptions such as divorce and domestic violence as well as clinical and community-level interventions from a systems perspective. +This course is only offered every other year.

PSYC3310 Social Psychology - 3 s.h.

The study of how people think, feel, and behave in social situations. Attention given to research and application to social perception, interaction, and influence. Prerequisite: PSYC1300 or SOCI1300.

RELG3540 Peace and Justice in the Christian Tradition - 3 s.h.

Christian theology is a centuries-long conversation about the meaning of Jesus' life and message. As theologians have interpreted their faith, they have often pondered questions of justice and peace. How can the nonviolent message of Jesus challenge cultures of oppression? Can war ever be 'just'? What insights might theological traditions offer to help critique forces that perennialize poverty? What ethical resources can

Christian traditions apply to environmental degradation or the search for gender justice? This course explores such questions by focusing them through the thought of key theologians from across the centuries: e.g., Augustine of Hippo, Julian of Norwich, Dietrich Bonhoeffer, Oscar Romero, Martin Luther King, Jr., and Letty Russell. We explore how these thinkers' questions and proposals remain ethically meaningful in the contemporary World. ELO3 Ethical Thinking and Action - Peace, ELO3 Ethical Thinking and Action - Equality and Peace.

SOCI1300 Introduction to Sociology - 3 s.h.

Introduction to the perspective of sociology, its basic concepts and principles and an overview of the field.Includes study of social classes, sex roles, crime and deviance, socialization, social movements and others. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace

SOCI2320 Marriage and the Family (also PSYC2320) - 3 s.h.

A social science approach to relationships and attraction with a focus on marriage and the family unit. Topics include dating, marital roles, parenting, and interaction patterns. Explores disruptions such as divorce and domestic violence as well as clinical and community-level interventions from a systems perspective.

SOCI2440 Victimology - 3 s.h.

Explores victimology, or the study of victimization. Topics include the history of victims' rights, causes of victimization, its consequences, and how other institutions deal with crime victims. Also addresses how social scientists conduct research on victims of crimes and current issues and topics of interests to researchers who study victimization. Prerequisites: SOCI1300 or consent from instructor.

SOCI3130 Social Movements - 3 s.h.

Examines the origins, nature, and processes of social change movements. Prerequisite: SOCI1300 Introduction to Sociology or PEAC2200 Introduction to Peace Studies and sophomore standing.

SOCI3200 Gender and Society - 3 s.h.

Examines gender as a major organizing principle of contemporary social life and explores the different explanations of gender, gendered interactions, and its effects on identities and social institutions. Prerequisite: SOCI1300 Introduction to Sociology or PSYC1300 Introduction to Psychology and sophomore standing.

SOCI3220 Sociology of Sexualities - 3 s.h.

Examines human sexuality through a sociological perspective, focusing on how sexuality reflects the society in which we live. We will consider the relationship between individual sexualities, (sub)cultures, institutions, and the nation-state. Prerequisite: SOCI1300 Introduction to Sociology and sophomore standing.

SOCI4330 Social Inequality - 3 s.h.
Examines the intersection of race, ethnicity, class, gender, and other minority statuses and the relationships to personal identity and social structure. Helps to develop an awareness and understanding of diverse values, life-styles, beliefs, and attitudes of various racial, cultural, and ethnic minorities. Focuses on the social, legal, economic, and political aspects of prejudice and discrimination on socially disadvantaged groups. Prerequisite: SOCI1300 (with grade of C or better) and senior standing.

Course list - Interdisciplinary Studies

In addition to Graceland's graduation requirements, our Interdisciplinary Studies program consists of a concentrated area of study and a general studies concentration.

Courses Offered

INTD1000 Transition

INTD1010 College Investigations

INTD1020 Reading and Learning Strategies for College: Pathways to Student Success

INTD1110 Steps to Success: Year 1

INTD1120 Steps to Success: Year 2

INTD1130 Steps to Success: Year 2

INTD1140 Steps to Success: Year 3

INTD1150 Steps to Success: Year 3

INTD1160 Steps to Success: Year 4

INTD1200 Introduction to International Studies (also GEOG/POLS1200)

INTD1300 Sexuality: The Human Experience

INTD1900 Topics

INTD2000 Individual Study

INTD2300 Humanities I: Ways of Seeing

INTD3000 Individual Study

INTD3200 Exploration of Third World Cultures

INTD3900 Topics

INTD4000 Individual Study

INTD4200 Study Abroad Retrospective

INTD4700 Interdisciplinary Studies Capstone

INTD4710 Social Change Capstone

Course Descriptions

INTD1000 Transition - 1 s.h.

A required course designed to provide additional support to non-native speakers of English and non-North American international students transitioning into university life during their first semester in the USA. This course serves as an extended orientation that will help students integrate into campus life and navigate through cultural adjustment while learning about the USA/State/Local/Graceland cultures and procedures. Course may be taken with instructor consent for students that are not required to take the course.

INTD1010 College Investigations - 1 s.h.

The course investigates the impact of economic class on individuals and communities, hidden rules and resources, college orientation, and theories of change. The course is designed to help students use conceptual frameworks to analyze abstract and ill-defined issues, as is expected for educational and work/life success.

INTD1020 Reading and Learning Strategies for College: Pathways to Student Success - 2 s.h.

The focus of this course is on the development and application of college-level reading and study skills necessary for college success, personal success strategies, and the use of campus

resources that enhance individual student achievement. Because this is a graded course, a student's efforts will directly impact his or her GPA.

INTD1110 Steps to Success: Year 1 - 1 s.h.
Learning about and adjusting to GU. TRIO Scholars will develop the knowledge, skills, and support systems essential for academic, social, emotional, professional and financial success at the second-semester, freshman level. This is the first course in the series, and will be provided during the spring semester of the freshman year. If this course places a student above 18 semester hours, the overload fee will be waived.

INTD1120 Steps to Success: Year 2 - 1 s.h.
Learning about and adjusting to GU. TRIO Scholars will develop the knowledge, skills, and support systems essential for academic, social, emotional, professional and financial success at the first-semester, sophomore level. This is the second course in the series, and will be provided during the fall semester of the sophomore year. If this course places a student above 18 semester hours, the overload fee will be waived.

INTD1130 Steps to Success: Year 2 - 1 s.h.
Learning about and adjusting to GU. TRIO Scholars will develop the knowledge, skills, and support systems essential for academic, social, emotional, professional and financial success at the second-semester, sophomore level. This is the third course in the series, and will be provided during the spring semester of the sophomore year. If this course places a student above 18 semester hours, the overload fee will be waived.

INTD1140 Steps to Success: Year 3 - 1 s.h.
Learning about and adjusting to GU. TRIO Scholars will develop the knowledge, skills, and support systems essential for academic, social, emotional, professional and financial success at the first-semester, junior level. This is the fourth course in the series, and will be provided during the fall semester of the junior year. If this course places a student above 18 semester hours, the overload fee will be waived.

INTD1150 Steps to Success: Year 3 - 1 s.h.
Learning about and adjusting to GU. TRIO Scholars will develop the knowledge, skills, and support systems essential for academic, social, emotional, professional and financial success at the second-semester, junior level. This is the fifth course in the series and will be provided during the spring semester of the junior year. If this course places a student above 18 semester hours, the overload fee will be waived.

INTD1160 Steps to Success: Year 4 - 1 s.h.

Learning about and adjusting to GU. TRIO Scholars will develop the knowledge, skills, and support systems essential for academic, social, emotional, professional and financial success at the first-semester, senior level. This is the sixth course in the series, and will be provided during the fall semester of the senior year. If this course places a student above 18 semester hours, the overload fee will be waived.

INTD1200 Introduction to International Studies (also GEOG/POLS1200) - 3 s.h.

An overview of the major disciplines represented in the International Studies major. This course will also offer an introduction to contemporary global concerns through a study of current political, economic, and social issues. Discussion of important global issues will lead to a more critical analysis of news and an awareness of the responsibilities of national and international citizenship. ELO4 Global Learning - World Citizenship

INTD1300 Sexuality: The Human Experience - 3 s.h.

Designed to expand students' awareness of themselves as sexual beings and to examine such topics as anatomy, psychology, behavior, and ethics as they relate to human sexuality in a value-oriented environment.

INTD1900 Topics - 1-3 s.h.

Specific courses that may be approved by the division responsible for their implementation, subject to the approval of the Deans Council.

INTD2000 Individual Study - 1-3 s.h.

INTD2300 Humanities I: Ways of Seeing - 3 s.h.

An interdisciplinary foundation course in the shared and unique approaches to human experience of the visual artist, musician, creative writer, and philosopher. Course content draws freely on major cultural landmarks from each discipline.

INTD3000 Individual Study - 1-3 s.h.

INTD3200 Exploration of Third World Cultures - 3 s.h.

Focus will be on the political, socio-economic, geographical, health, and cultural determinants of life circumstances of people living in third world countries. Literature of specific cultures will be studied for insights into cultural beliefs and behaviors that are at variance with student's culture. Resource persons with extensive experience in third world countries will be available for class interactions. Preparation requirements for travel abroad will be discussed. Offered in Independence, Missouri.

INTD3900 Topics - 1-3 s.h.

Specific courses that may be approved by the division responsible for their implementation, subject to the approval of the Deans Council.

INTD4000 Individual Study - 1-3 s.h.

INTD4200 Study Abroad Retrospective - 1 s.h.

An evaluation and analysis of intercultural experience and its implications within a framework of current theory, concepts, and methods in the field of intercultural communication. This course is designed to immediately follow the International Studies major's residence abroad and must be successfully completed no later than one year from the student's return from study abroad. (Graded on a Pass/Fail basis.) Prerequisite: COMM2110 and Instructor's consent.

INTD4700 Interdisciplinary Studies Capstone - 3 s.h.

The Interdisciplinary Studies Capstone serves as the culminating academic experience for students in the Interdisciplinary Studies major. In this course, students synthesize learning from two of their three designated topic areas, integrating knowledge, theory, and methodology under the mentorship of faculty representing both disciplines. The capstone is a letter-graded arranged course. Students are responsible for securing faculty members who agree to serve as capstone instructors of record. Students may complete the capstone through one of the following options, developed in consultation with their instructors, 1) Research Paper or 2) Applied or Creative Project. A completed and fully approved Interdisciplinary Studies capstone proposal form will be required prior to registration.

INTD4710 Social Change Capstone - 3 s.h.

Capstone project designed to allow students to synthesize knowledge across their social change major through the production of an original work (research paper, creative project, etc.). Must be developed under the supervision of a social change advisor. Students who are completing more than one major may elect to complete this requirement by approaching another major's capstone project through a social change lens. A social change contract to be filled out by the student, the student's social change advisor, and the faculty teaching the capstone in the aforementioned major is required for this option.

Sport Management



BA Degree - Sport Management Major

Our sport management major is more than just talking about the big game. At Graceland you'll learn the solid business fundamentals of economics, marketing and management along with coursework around the legal and ethical issues in sports, psychology of sports and communications.

In addition to the general education requirements, majors in Sport Management must complete a **concentration of 36 s.h.** in Accounting, Business Administration, Economics, and Sport Management including:

ACCT2310 Financial Accounting – 3 s.h.

BUAD4411 Strategic Sales Management – 3 s.h.

ECON3220 Economics of Sports – 3 s.h.

SPMT1200 Introduction to Sport Management – 3 s.h.

SPMT2100 Introduction to College Athletics Administration – 3 s.h.

SPMT2300 Legal & Ethical Issues in Sport – 3 s.h.

SPMT3300 Sport Marketing – 3 s.h.

SPMT3410 Sport Facility and Event Management – 3 s.h.

SOCI/SPMT4100 Social Issues in Sport – 3 s.h.

SPMT4700 Internship in Sport Management – 3 s.h.

SPMT4950 Seminar in Sport Management – 3 s.h.

Upper Division Sport Management Elective – 3 s.h.

Courses Required for General Education

ECON1320 Principles of Microeconomics – 3 s.h.

MATH1280 College Algebra – 3 s.h.

MATH1370 Statistics for Sciences – 3 s.h.

Recommended in addition to required courses for Sport Management:

Additional internship hours beyond the required 3 s.h. are strongly recommended.

Other Recommendations: Leadership Academy Certificate

Courses Offered

ACCT2310 Financial Accounting

BUAD4411 Strategic Sales Management

ECON1320 Principles of Microeconomics

ECON3220 Economics of Sports

MATH1280 College Algebra

MATH1360 Statistics for Critical Thinking

PHED3130 Sports Psychology (also PSYC3130)

PSYC3130 Sports Psychology (also PHED3130)

SOCI4100 Social Issues in Sport (also SPMT4100)

SPMT1200 Introduction to Sport Management

SPMT2100 Introduction to College Athletics Administration

SPMT2300 Legal and Ethical Issues in Sports

SPMT3300 Sport Marketing

SPMT3410 Sport Facility and Event Management

SPMT4100 Social Issues in Sport (also SOCI4100)

SPMT4500 Seminar in Sport Management

SPMT4700 Internship in Sport Management

Course Descriptions

ACCT2310 Financial Accounting - 3 s.h.

An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

BUAD4411 Strategic Sales Management - 3 s.h.

The Strategic Sales Management course emphasizes the strategic leadership aspects of sales and revenue generation. It includes sales forecasting, customer relationship management, sales team management, and negotiation strategies. Students learn to align sales efforts with overall business objectives, maximizing revenue while maintaining strong customer relationships.

ECON1320 Principles of Microeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

ECON3220 Economics of Sports - 3 s.h.

An application of economic theory to the business of sports. Areas include labor economics, public finance, and the theory of the firm. Prerequisite: ECON1320 and either two MATH courses or MATH1360.

MATH1280 College Algebra - 3 s.h.

Solutions of polynomial, rational and radical equations, systems of equations, matrices, sequences, series, functions, exponentials.. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1360 Statistics for Critical Thinking - 3 s.h.

A critical thinking approach to data analysis, measures of central tendency, dispersion, correlation, probability, estimation and hypothesis testing. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

PHED3130 Sports Psychology (also PSYC3130) - 3 s.h.

An application of the theories and principles in psychology to the athlete, the athletic environment, and to coaching practices.

PSYC3130 Sports Psychology (also PHED3130) - 3 s.h.

An application of the theories and principles in psychology to the athlete, the athletic environment, and to coaching practices.

SOCI4100 Social Issues in Sport (also SPMT4100) - 3 s.h.

Sociological analysis of sport in contemporary American society. Focus is upon sport as a form of social interaction, which reflects, reinforces, and helps create basic societal norms, values, attitudes, and beliefs. The impact of sport is analyzed on the basic societal institutions of family, church, school, government, and economics, from a sociological perspective. Prerequisite: Junior standing. ELO4 Global Learning - Innovation.

SPMT1200 Introduction to Sport Management - 3 s.h.

An introduction to the field of sport management, including history of sport, leadership, management process, marketing and communication, and legal and ethical aspects in non-profit and for-profit organizations.

SPMT2100 Introduction to College Athletics Administration - 3 s.h.

This course provides an overview of the fundamental concepts and practices associated with college athletics administration. Students will explore the organizational structure, regulatory frameworks, and key responsibilities involved in managing athletic programs within institutions of higher education. Emphasis will be placed on understanding the unique challenges, ethical considerations, and strategic planning essential for effective leadership in college athletics. Pre or Corequisite: SPMT1200.

SPMT2300 Legal and Ethical Issues in Sports - 3 s.h.

A study of the laws, rules, regulations, and codes of ethics related to sports at all levels. A variety of viewpoints, including financial, regulatory, and societal will be explored.

SPMT3300 Sport Marketing - 3 s.h.

An analysis of the field of marketing from a sports perspective with focus on the elements of and development of a marketing plan. Prerequisite: ECON1320.

SPMT3410 Sport Facility and Event Management - 3 s.h.

This course examines the principles of facility operations and management and event planning, execution, and evaluation, within the sport industry. This course provides students an industry-specific understanding of challenges to facility management as well as planning skills to ensure a successful sport event. Topics to be explored include facility design, management, operations, risk management, the sport event planning process, sport marketing, and event execution and evaluation. Offered each fall semester. Prerequisites: SPMT1200.

SPMT4100 Social Issues in Sport (also SOCI4100) - 3 s.h.

Sociological analysis of sport in contemporary American society. Focus is upon sport as a form of social interaction, which reflects, reinforces, and helps create basic societal norms, values, attitudes, and beliefs. The impact of sport is analyzed on the basic societal institutions of family, church, school, government, and economics, from a sociological perspective. Prerequisite: Junior standing. ELO4 Global Learning - Innovation.

SPMT4500 Seminar in Sport Management - 3 s.h.

Students investigate a variety of topics in sport management and present their research and findings to the seminar. Oral presentations and research papers are required for each round of topics. Prerequisites: Junior or senior standing.

SPMT4700 Internship in Sport Management - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of sport management. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

Sport Management Minor

A minor in Sport Management consists of 18 semester hours from the following courses:

ACCT2310 Financial Accounting – 3 s.h.
ECON1320 Principles of Microeconomics – 3 s.h.
ECON3220 Economics of Sports – 3 s.h.
SPMT1200 Introduction to Sport Management – 3 s.h.

Any two of the following:

SPMT2300 Legal and Ethical Issues in Sport Management – 3 s.h.
SPMT3300 Sport Marketing – 3 s.h.
SPMT3410 Sport Facility and Event Management – 3 s.h.
SOCI/SPMT4100 Social Issues in Sport – 3 s.h.

Courses Offered

ACCT2310 Financial Accounting

ECON1320 Principles of Microeconomics

ECON3220 Economics of Sports

SOCI4100 Social Issues in Sport (also SPMT4100)

SPMT1200 Introduction to Sport Management

SPMT2300 Legal and Ethical Issues in Sports

SPMT3300 Sport Marketing

SPMT3410 Sport Facility and Event Management

SPMT4100 Social Issues in Sport (also SOCI4100)

Course Descriptions

ACCT2310 Financial Accounting - 3 s.h.

An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

ECON1320 Principles of Microeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

ECON3220 Economics of Sports - 3 s.h.

An application of economic theory to the business of sports. Areas include labor economics, public finance, and the theory of the firm. Prerequisite: ECON1320 and either two MATH courses or MATH1360.

SOCI4100 Social Issues in Sport (also SPMT4100) - 3 s.h.

Sociological analysis of sport in contemporary American society. Focus is upon sport as a form of social interaction, which reflects, reinforces, and helps create basic societal norms, values, attitudes, and beliefs. The impact of sport is analyzed on the basic societal institutions of family, church, school, government, and economics, from a sociological perspective. Prerequisite: Junior standing. ELO4 Global Learning - Innovation.

SPMT1200 Introduction to Sport Management - 3 s.h.

An introduction to the field of sport management, including history of sport, leadership, management process, marketing and communication, and legal and ethical aspects in non-profit and for-profit organizations.

SPMT2300 Legal and Ethical Issues in Sports - 3 s.h.

A study of the laws, rules, regulations, and codes of ethics related to sports at all levels. A variety of viewpoints, including financial, regulatory, and societal will be explored.

SPMT3300 Sport Marketing - 3 s.h.

An analysis of the field of marketing from a sports perspective with focus on the elements of and development of a marketing plan. Prerequisite: ECON1320.

SPMT3410 Sport Facility and Event Management - 3 s.h.

This course examines the principles of facility operations and management and event planning, execution, and evaluation, within the sport industry. This course provides students an industry-specific understanding of challenges to facility management as well as planning skills to ensure a successful sport event. Topics to be explored include facility design, management, operations, risk management, the sport event

planning process, sport marketing, and event execution and evaluation. Offered each fall semester. Prerequisites: SPMT1200.

SPMT4100 Social Issues in Sport (also SOCI4100) - 3 s.h.
Sociological analysis of sport in contemporary American society. Focus is upon sport as a form of social interaction, which reflects, reinforces, and helps create basic societal norms, values, attitudes, and beliefs. The impact of sport is analyzed on the basic societal institutions of family, church, school, government, and economics, from a sociological perspective. Prerequisite: Junior standing. ELO4 Global Learning - Innovation.

Esports Minor

A minor in Esports consists of 17-18 semester hours selected from the following courses:

- BUAD3210 Social Media Marketing – 3 s.h.
- BUAD3240 Marketing Research and Analytics – 3 s.h.
- CSIT2260 Operating System Concepts and Linux System Administration – 3 s.h.
- PHED/PSYC3130 Sport Psychology – 3 s.h.
- PHED3410 Theory of Coaching – 2 s.h.
- SPMT3300 Sport Marketing – 3 s.h.
- SPMT3410 Sport Facility and Event Management – 3 s.h.
- SOCI/SPMT4100 Social Issues in Sport – 3 s.h.

Courses Offered

BUAD3210 Social Media Marketing

BUAD3240 Marketing Research and Analytics

CSIT2260 Operating System Concepts and Linux System Administration

PHED3130 Sports Psychology (also PSYC3130)

PHED3410 Theory of Coaching

PSYC3130 Sports Psychology (also PHED3130)

SOCI4100 Social Issues in Sport (also SPMT4100)

SPMT3300 Sport Marketing

SPMT3410 Sport Facility and Event Management

SPMT4100 Social Issues in Sport (also SOCI4100)

Course Descriptions

BUAD3210 Social Media Marketing - 3 s.h.

This course provides a comprehensive overview, with hands-on experience, of Social Media Marketing. The most basic objectives of the course are to provide students with a broad introduction to social media marketing concepts and techniques using the latest online tools combined with practical "real world" application. There will be an emphasis on strategic use of tools, effective design and contemporary marketing techniques. Students will build and maintain real world marketing campaigns.

BUAD3240 Marketing Research and Analytics - 3 s.h.

A focus on the practice of studying and managing marketing metrics data in order to enhance decision making for marketing efforts including calls-to-action (CTAs), blog posts, channel performance, and thought leadership pieces, and to identify opportunities for improvement and maximize marketing outcomes. Students will learn how marketing analytics professionals serve as liaisons between those who make marketing decisions and those who work with the data.

CSIT2260 Operating System Concepts and Linux System Administration - 3 s.h.

Explore the fundamental aspects of operating systems, including process management, memory allocation, and file systems. Acquire practical skills in managing Linux servers, automating tasks with shell scripting, and troubleshooting system issues. Build expertise in essential system administration tools, while learning best practices for secure and efficient server management. Prerequisite: CSIT1100.

PHED3130 Sports Psychology (also PSYC3130) - 3 s.h.

An application of the theories and principles in psychology to the athlete, the athletic environment, and to coaching practices.

PHED3410 Theory of Coaching - 2 s.h.

Knowledge and understanding of the techniques and theory of coaching interscholastic athletics, including professional ethics in coaching.

PSYC3130 Sports Psychology (also PHED3130) - 3 s.h.

An application of the theories and principles in psychology to the athlete, the athletic environment, and to coaching practices.

SOCI4100 Social Issues in Sport (also SPMT4100) - 3 s.h.

Sociological analysis of sport in contemporary American society. Focus is upon sport as a form of social interaction, which reflects, reinforces, and helps create basic societal norms, values, attitudes, and beliefs. The impact of sport is analyzed on the basic societal institutions of family, church, school, government, and economics, from a sociological perspective. Prerequisite: Junior standing. ELO4 Global Learning - Innovation.

SPMT3300 Sport Marketing - 3 s.h.

An analysis of the field of marketing from a sports perspective with focus on the elements of and development of a marketing plan. Prerequisite: ECON1320.

SPMT3410 Sport Facility and Event Management - 3 s.h.

This course examines the principles of facility operations and management and event planning, execution, and evaluation, within the sport industry. This course provides students an industry-specific understanding of challenges to facility management as well as planning skills to ensure a successful sport event. Topics to be explored include facility design, management, operations, risk management, the sport event planning process, sport marketing, and event execution and evaluation. Offered each fall semester. Prerequisites: SPMT1200.

SPMT4100 Social Issues in Sport (also SOCI4100) - 3 s.h.

Sociological analysis of sport in contemporary American society. Focus is upon sport as a form of social interaction, which reflects, reinforces, and helps create basic societal norms, values, attitudes, and beliefs. The impact of sport is analyzed on the basic societal institutions of family, church, school, government, and economics, from a sociological perspective. Prerequisite: Junior standing. ELO4 Global Learning - Innovation.

Data Analytics for Sport Management Certificate

Students wishing to earn the Data Analytics for Sport Marketing certificate must complete the following 18 credit hours with Graceland University.

CSIT1100 Principles of Computing (Python Programming) – 3 s.h.

DSCI1500 Principles of Data Science and Analytics – 3 s.h.

DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

ECON2100 Introductory Economic Data Analysis – 3 s.h.

ECON3220 Economics of Sports – 3 s.h.

SPMT3300 Sport Marketing – 3 s.h.

Courses Offered

CSIT1100 Principles of Computing (Python Programming)

DSCI1500 Principles of Data Science and Analytics

DSCI4700 Capstone for Data Analytics Certificates

ECON2100 Introductory Economic Data Analysis

ECON3220 Economics of Sports

SPMT3300 Sport Marketing

Course Descriptions

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

ECON2100 Introductory Economic Data Analysis - 3 s.h.

An introduction to economic data and statistical techniques commonly applied in business settings. Topics include understanding the basics of data interpretation, manipulation, and visualization. Students will learn how to carry out and interpret basic linear regression and other methods of statistical analysis in Excel.

ECON3220 Economics of Sports - 3 s.h.

An application of economic theory to the business of sports. Areas include labor economics, public finance, and the theory of the firm. Prerequisite: ECON1320 and either two MATH courses or MATH1360.

SPMT3300 Sport Marketing - 3 s.h.

An analysis of the field of marketing from a sports perspective with focus on the elements of and development of a marketing plan. Prerequisite: ECON1320.

Course list - Sport Management

Courses Offered

SPMT1200 Introduction to Sport Management

SPMT2100 Introduction to College Athletics Administration

SPMT2300 Legal and Ethical Issues in Sports

SPMT3100 Sport Policy and Governance

SPMT3200 Sport Communication

SPMT3300 Sport Marketing

SPMT3410 Sport Facility and Event Management

SPMT4100 Social Issues in Sport (also SOCI4100)

SPMT4500 Seminar in Sport Management

SPMT4700 Internship in Sport Management

Course Descriptions

SPMT1200 Introduction to Sport Management - 3 s.h.

An introduction to the field of sport management, including history of sport, leadership, management process, marketing and communication, and legal and ethical aspects in non-profit and for-profit organizations.

SPMT2100 Introduction to College Athletics Administration - 3 s.h.

This course provides an overview of the fundamental concepts and practices associated with college athletics administration. Students will explore the organizational structure, regulatory frameworks, and key responsibilities involved in managing athletic programs within institutions of higher education. Emphasis will be placed on understanding the unique challenges, ethical considerations, and strategic planning essential for effective leadership in college athletics. Pre or Corequisite: SPMT1200.

SPMT2300 Legal and Ethical Issues in Sports - 3 s.h.

A study of the laws, rules, regulations, and codes of ethics related to sports at all levels. A variety of viewpoints, including financial, regulatory, and societal will be explored.

SPMT3100 Sport Policy and Governance - 3 s.h.

This course will introduce students to a variety of ways to understand sport policy and governance - essential for any career in sports management. Through lectures, discussion on past and current issues, and class assignments, students will learn the big picture perspective of sport policy and governance structures while further developing tangible abilities to serve as well-informed sport managers in a variety of sport organizations.

SPMT3200 Sport Communication - 3 s.h.

This course covers the theory of communication, communication strategies in sports, including the use of social media and publicity, and issues in sport communication.

SPMT3300 Sport Marketing - 3 s.h.

An analysis of the field of marketing from a sports perspective with focus on the elements of and development of a marketing plan. Prerequisite: ECON1320.

SPMT3410 Sport Facility and Event Management - 3 s.h.

This course examines the principles of facility operations and management and event planning, execution, and evaluation, within the sport industry. This course provides students an industry-specific understanding of challenges to facility management as well as planning skills to ensure a successful sport event. Topics to be explored include facility design, management, operations, risk management, the sport event planning process, sport marketing, and event execution and evaluation. Offered each fall semester. Prerequisites: SPMT1200.

SPMT4100 Social Issues in Sport (also SOCI4100) - 3 s.h.

Sociological analysis of sport in contemporary American society. Focus is upon sport as a form of social interaction, which reflects, reinforces, and helps create basic societal norms, values, attitudes, and beliefs. The impact of sport is analyzed on the basic societal institutions of family, church, school, government, and economics, from a sociological perspective. Prerequisite: Junior standing. ELO4 Global Learning - Innovation.

SPMT4500 Seminar in Sport Management - 3 s.h.

Students investigate a variety of topics in sport management and present their research and findings to the seminar. Oral presentations and research papers are required for each round of topics. Prerequisites: Junior or senior standing.

SPMT4700 Internship in Sport Management - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of sport management. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor’s consent.

Bachelor of Arts Degree in Sustainability Studies



BA Degree - Sustainability Studies Major

The Sustainability Studies program at Graceland is a hands-on, innovative and interdisciplinary program designed to prepare students for a range of careers in the sustainability field. It is also rooted in Graceland's general education curriculum, which makes it easy to add a double major or explore other academic interests.

In addition to the General Education requirements, the interdisciplinary major in Sustainability Studies requires 36 s.h.

Core course requirements 21 s.h.

SUST1100 Introduction to Sustainability – 3 s.h.

CSIT2110/SUST2100 Introduction to Geographic Information Sciences – 3 s.h.

COMM3240 Environmental Communication – 3 s.h.

ENGL1200 Environmental Justice – 3 s.h.

ENGL2540 Global Eco-Cinema – 3 s.h.

ENGL3260 American Environmental Literature – 3 s.h.

HIST1560 United States Environmental History – 3 s.h.

Course Required for General Education 4 s.h.

BIOL/CHEM1200 Environmental Science with Lab – 4 s.h.

9 s.h. of electives from the following list. Minimum 6 s.h. need to be upper division.

AGRI1200 Sustainable International Agriculture – 3 s.h.

ARTS3240 Eco Art and Ceramics – 3 s.h.

BIOL3400 Ecology and Conservation Biology with Lab – 4 s.h.

Internship requirements 3 s.h.

SUST3700 On-Campus Internship **or** SUST4300 Off-Campus Internship – 3 s.h.

Capstone/Senior Seminar/Senior Project requirement 3 s.h.

SUST4700 Senior Capstone Project – 3 s.h.

Programs, including internships, will be overseen by a standing Sustainability Studies Committee with a consistent chair who serves as a point person.

Recommended that Sustainability students take MATH1370 Statistics for Sciences and ECON1320 Principles of Microeconomics as part of their General Education requirements.

Courses Offered

AGRI1200 Sustainable International Agriculture

ARTS3240 Eco Art & Ceramics

BIOL1200 Environmental Science with Lab (also CHEM1200)

BIOL3400 Ecology and Conservation Biology with Lab

CHEM1200 Environmental Science with Lab (also BIOL1200)

COMM3240 Environmental Communication

CSIT2110 Introduction to Geographic Information Sciences (also SUST2100)

ECON1320 Principles of Microeconomics

ENGL1200 Environmental Justice

ENGL2540 Global Eco-Cinema

ENGL3260 American Environmental Literature

HIST1560 United States Environmental History

MATH1370 Statistics for Sciences

SUST1100 Introduction to Sustainability

SUST2100 Introduction to Geographic Information Sciences (also CSIT2110)

SUST3700 On-Campus Internship

SUST4300 Off-Campus Internship

SUST4700 Senior Capstone Project

Course Descriptions

AGRI1200 Sustainable International Agriculture - 3 s.h.

Sustainable International Agriculture explores global issues, incremental and transformative steps toward sustainable agriculture, international development opportunities, current agricultural industries, educational pathways, and career options. Content includes emphasis on understanding the need for agricultural infrastructure and production, embracing sustainability, and appreciating broad-based, liberating (essential) education. ELO4 Global Learning - Sustainability

ARTS3240 Eco Art & Ceramics - 3 s.h.

Contemporary and traditional approaches to clay with emphasis on wheel-throwing and hand-building techniques. Exploration of sustainable production practices will also address surface decoration and responsible firing processes. Studio fee required. ELO5 Arts - Sustainability

BIOL1200 Environmental Science with Lab (also CHEM1200) - 4 s.h.

An exploration of the biotic and abiotic components of the environment, including the biological, physical, and chemical processes that shape natural ecosystems (e.g., biogeochemical cycles). The course will also examine the impact of human population growth, resource use, emissions production, and technological innovations on the environment. Current environmental issues, such as loss of biodiversity, ecosystem degradation, air and water pollution, and climate change, will be considered. Additional fee required. ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences

BIOL3400 Ecology and Conservation Biology with Lab - 4 s.h.

A study of how organisms interact with one another and with their physical environments at the physiological, population, community, and ecosystem levels. Case studies will use ecological concepts to develop conservation strategies for species, habitats, and ecosystems. Prerequisite: BIOL/CHEM1200, BIOL1500, BIOL1520 or instructor's consent. Additional fee required. EL06 Science - World Citizenship, ELO6 Science - Sustainability +This course is only offered every other year.

CHEM1200 Environmental Science with Lab (also BIOL1200) - 4 s.h.

An exploration of the biotic and abiotic components of the environment, including the biological, physical, and chemical processes that shape natural ecosystems (e.g., biogeochemical cycles). The course will also examine the impact of human population growth, resource use, emissions production, and technological innovations on the environment. Current environmental issues, such as loss of biodiversity, ecosystem degradation, air and water pollution, and climate change, will be considered. Additional fee required. ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences.

COMM3240 Environmental Communication - 3 s.h.

This course will extend scientific knowledge to understand how nature and the environment influence communication and society. Students will learn about significant environmental controversies, from toxic waste to climate change, to pro-environmental behaviors. Using a foundation of persuasion,

the course focuses on social responsibility and the history of mediated communication within the context of environmental movements and human-made crises.

CSIT2110 Introduction to Geographic Information Sciences (also SUST2100) - 3 s.h.

Students will learn theoretical and practical foundations related to geographic information systems and spatial analysis. Emphasis on teaching students to integrate and analyze spatial information from various sources. Includes a weekly laboratory section. Prerequisite: MATH1380.

ECON1320 Principles of Microeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

ENGL1200 Environmental Justice - 3 s.h.

Who is most hurt by environmental degradation and abuse, and who benefits? This course will examine what contemporary literature from the United States and around the world has to say about environmental racism, ecofeminism, and settler colonialism. We'll also think about the social construction of nature, globalization, food justice, and urban ecological issues. Our guiding question is simple: What is the role of art in the struggle for social change? This course emphasizes critical thinking, historical and socio-political contexts, and diverse aesthetics. GE3C Liberal Learning-Humanities

ENGL2540 Global Eco-Cinema - 3 s.h.

A transnational survey of films that deal with environmental issues and, more broadly, with human relationships to the nonhuman world. An examination of the impact of urbanization on rural communities, the mysterious allure of wild and uncultivated landscapes, the threat of climate change to daily life around the world, and the cinematic representation of environmental apocalypse. Explores different genres and styles, including neo-realism, eco-horror, anime, and avant-garde cinema. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL3260 American Environmental Literature - 3 s.h.

What makes a work of literature "environmental"? How have humans thought about nature throughout history, and how does that intellectual and artistic history affect us today? Can works of literature help humans prevent environmental catastrophes like climate change and species extinction? We'll seek answers to these questions as we engage with fiction,

nonfiction, drama, and poetry. We'll discuss the ways that literary and cultural forms can shape who we are, what we value, and what we imagine for the future. We'll also work to build your skills of critical reading, analytical thinking and persuasive writing, skills that will serve you in the future, in whatever environment you inhabit. ELO5 Humanities - Sustainability.

HIST1560 United States Environmental History - 3 s.h.

An examination of the complex relationship between human society and nature from early settlements to the present in what is now the United States. Important topics include the impact of human settlement, population growth, use of land and natural resources, the effects of industrialization, and the development of the conservation and environmental movements. ELO5 Histories - Sustainability, GE3B Liberal Learning-Histories.

MATH1370 Statistics for Sciences - 3 s.h.

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

SUST1100 Introduction to Sustainability - 3 s.h.

An introduction to the fundamentals of sustainability and its impact on human and natural systems. Explores how sustainability relates to human wellbeing, ecosystem function, global change, economic and policy, ethics, and culture. Practical approaches to this course will be tied closely to small-scale food production and water use with hands-on fieldwork, projects, and service learning. Students will also explore diverse career opportunities related to sustainability. ELO6 Science - Sustainability

SUST2100 Introduction to Geographic Information Sciences (also CSIT2110) - 3 s.h.

Students will learn theoretical and practical foundations related to geographic information systems and spatial analysis. Emphasis on teaching students to integrate and analyze spatial information from various sources. Includes a weekly laboratory section. Prerequisite: MATH1370.

SUST3700 On-Campus Internship - 3 s.h.

An internship program that connects students to campus initiatives that focus on sustainable practices. Potential internship areas might include campus engagement, air and climate, buildings, energy, food and dining, purchasing, transportation, waste, and water. Supervised and facilitated by

the sustainability coordinator and developed in conjunction with the interests of the student. (Graded on a Pass/Fail basis) Prerequisites: major in Sustainability Studies, junior/senior status, and instructor's consent.

SUST4300 Off-Campus Internship - 3 s.h.
An internship that allows students to work with professionals in career areas relating to the field of Sustainability Studies (including the private, public, and nonprofit sectors). Placements will be supervised by the sustainability coordinator and developed in conjunction with the interests of the student. (Graded on a Pass/Fail basis) Prerequisites: major in Sustainability Studies, junior/senior status, and instructor's consent.

SUST4700 Senior Capstone Project - 3 s.h.
Planning, preparing, and presenting a senior project in the student's area of concentration. Prerequisites: major in Sustainability Studies, junior/senior status.

Data Analytics for Environmental Science Certificate

Students wishing to earn the Data Analytics for Environmental Science certificate must complete the following 20-21 credit hours with Graceland University.

BIOL/CHEM1200 Environmental Science with Lab – 4 s.h.

BIOL3400 Ecology and Conservation Biology with Lab – 4 s.h.

Choose one of the following: CHEM3300 Analytical Chemistry with Lab – 4 s.h. **or** CSIT2110/SUST2100 Introduction to Geographic Information Sciences – 3 s.h.

CSIT1100 Principles of Computing (Python Programming) – 3 s.h.

DSCI1500 Principles of Data Science and Analytics – 3 s.h.

DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

Courses Offered

BIOL1200 Environmental Science with Lab (also CHEM1200)

BIOL3400 Ecology and Conservation Biology with Lab

CHEM1200 Environmental Science with Lab (also BIOL1200)

CHEM3300 Analytical Chemistry with Lab

CSIT1100 Principles of Computing (Python Programming)

CSIT2110 Introduction to Geographic Information Sciences (also SUST2100)

DSCI1500 Principles of Data Science and Analytics

DSCI4700 Capstone for Data Analytics Certificates

SUST2100 Introduction to Geographic Information Sciences (also CSIT2110)

Course Descriptions

BIOL1200 Environmental Science with Lab (also CHEM1200) - 4 s.h.

An exploration of the biotic and abiotic components of the environment, including the biological, physical, and chemical processes that shape natural ecosystems (e.g., biogeochemical cycles). The course will also examine the impact of human population growth, resource use, emissions production, and technological innovations on the environment. Current environmental issues, such as loss of biodiversity, ecosystem degradation, air and water pollution, and climate change, will be considered. Additional fee required. ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences

BIOL3400 Ecology and Conservation Biology with Lab - 4 s.h.

A study of how organisms interact with one another and with their physical environments at the physiological, population, community, and ecosystem levels. Case studies will use ecological concepts to develop conservation strategies for species, habitats, and ecosystems. Prerequisite: BIOL/CHEM1200, BIOL1500, BIOL1520 or instructor's consent. Additional fee required. EL06 Science - World Citizenship, ELO6 Science - Sustainability +This course is only offered every other year.

CHEM1200 Environmental Science with Lab (also BIOL1200) - 4 s.h.

An exploration of the biotic and abiotic components of the environment, including the biological, physical, and chemical processes that shape natural ecosystems (e.g., biogeochemical cycles). The course will also examine the impact of human population growth, resource use, emissions production, and technological innovations on the environment. Current environmental issues, such as loss of biodiversity, ecosystem

degradation, air and water pollution, and climate change, will be considered. Additional fee required. ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences.

CHEM3300 Analytical Chemistry with Lab - 4 s.h.

Study of theory and practice of modern separation and analytical techniques. Includes use of electrochemical, spectrometric and chromatographic instruments. Additional fee required. Prerequisite: CHEM1420. Offered odd years Spring.

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

CSIT2110 Introduction to Geographic Information Sciences (also SUST2100) - 3 s.h.

Students will learn theoretical and practical foundations related to geographic information systems and spatial analysis. Emphasis on teaching students to integrate and analyze spatial information from various sources. Includes a weekly laboratory section. Prerequisite: MATH1380.

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

SUST2100 Introduction to Geographic Information Sciences (also CSIT2110) - 3 s.h.

Students will learn theoretical and practical foundations related to geographic information systems and spatial analysis. Emphasis on teaching students to integrate and analyze spatial information from various sources. Includes a weekly laboratory section. Prerequisite: MATH1370.

Course list - Sustainability Studies

Courses Offered

SUST1100 Introduction to Sustainability

SUST1900 Topics in Sustainability

SUST2100 Introduction to Geographic Information Sciences (also CSIT2110)

SUST2900 Topics in Sustainability

SUST3700 On-Campus Internship

SUST4300 Off-Campus Internship

SUST4700 Senior Capstone Project

Course Descriptions

SUST1100 Introduction to Sustainability - 3 s.h.
An introduction to the fundamentals of sustainability and its impact on human and natural systems. Explores how sustainability relates to human wellbeing, ecosystem function, global change, economic and policy, ethics, and culture. Practical approaches to this course will be tied closely to small-scale food production and water use with hands-on fieldwork, projects, and service learning. Students will also explore diverse career opportunities related to sustainability. ELO6 Science - Sustainability

SUST1900 Topics in Sustainability - 0-3 s.h.

SUST2100 Introduction to Geographic Information Sciences (also CSIT2110) - 3 s.h.
Students will learn theoretical and practical foundations related to geographic information systems and spatial analysis. Emphasis on teaching students to integrate and analyze spatial

information from various sources. Includes a weekly laboratory section. Prerequisite: MATH1370.

SUST2900 Topics in Sustainability - 0-3 s.h.

SUST3700 On-Campus Internship - 3 s.h.

An internship program that connects students to campus initiatives that focus on sustainable practices. Potential internship areas might include campus engagement, air and climate, buildings, energy, food and dining, purchasing, transportation, waste, and water. Supervised and facilitated by the sustainability coordinator and developed in conjunction with the interests of the student. (Graded on a Pass/Fail basis) Prerequisites: major in Sustainability Studies, junior/senior status, and instructor's consent.

SUST4300 Off-Campus Internship - 3 s.h.

An internship that allows students to work with professionals in career areas relating to the field of Sustainability Studies (including the private, public, and nonprofit sectors). Placements will be supervised by the sustainability coordinator and developed in conjunction with the interests of the student. (Graded on a Pass/Fail basis) Prerequisites: major in Sustainability Studies, junior/senior status, and instructor's consent.

SUST4700 Senior Capstone Project - 3 s.h.

Planning, preparing, and presenting a senior project in the student's area of concentration. Prerequisites: major in Sustainability Studies, junior/senior status.

Allied Health Major



Bachelor of Science Degree – Allied Health Major

Core Requirements

In addition to Graceland's general education requirements(*), all majors in Allied Health must complete the core requirements listed below. Additionally, it is highly recommended that students choose from one of the following tracks: Pre-AT/DC, Pre-Physical Therapy, Pre-Occupational Therapy, Health and Wellness, Nutrition, Coaching, or Strength and Conditioning/Personal Training.

Requirements for Allied Health Major (40-44):

ATHT2500 Medical Terminology – 2 s.h.

ATHT3100 Prevention and Care of Athletic Injuries – 3 s.h.

BIOL2300 Anatomy and Physiology I with Lab – 4 s.h. **OR**
BIOL3420 Human Anatomy with Lab – 4 s.h. and BIOL3440 Human Physiology with Lab – 4 s.h.

HLTH1100 CPR and First Aid – 1 s.h.

HLTH2560 Nutrition – 3 s.h.

HMSC3200 Foundations of Evidence Based Practice – 3 s.h.

HMSC4160 Corrective Exercise – 3 s.h.

MATH1370 Statistics for Sciences* – 3 s.h.

PHED1500 Introduction to Kinesiology – 3 s.h.

PHED2260 Introduction to Performance Training – 3 s.h.

PHED3220 Motor Learning – 3 s.h.

PHED3340 Biomechanics – 3 s.h.

PHED4360 Physiology of Exercise – 3 s.h.

PHED4725 Practicum of Clinical Assessment **or**
PHED4726 Practicum of Human Performance **or**
PHED4500 Performance Enhancement Programming – 3 s.h.

PHED4750 Allied Health Capstone – 3-6 s.h.

PSYC1300 Introductory Psychology* – 3 s.h.

Courses Offered

ATHT2500 Medical Terminology

ATHT3100 Prevention and Care of Athletic Injuries

HLTH1100 CPR and First Aid

HLTH2560 Nutrition

HMSC3200 Foundations of Evidence Based Practice

HMSC4160 Corrective Exercise

MATH1370 Statistics for Sciences

PHED1500 Introduction to Kinesiology

PHED2260 Introduction to Performance Training

PHED3220 Motor Learning

PHED3340 Biomechanics

PHED4360 Physiology of Exercise

PHED4500 Performance Enhancement Programming

PHED4725 Practicum of Clinical Assessment

PHED4726 Practicum of Human Performance

PHED4750 Allied Health Capstone

PSYC1300 Introductory Psychology

Course Descriptions

ATHT2500 Medical Terminology - 2 s.h.

A self-study, programmed-based opportunity to learn and understand medical terminology. A grade of C or higher required to count toward the Allied Health major.

ATHT3100 Prevention and Care of Athletic Injuries - 3 s.h.

Techniques of injury prevention and caring for athletic injuries. A grade of C or higher required to count toward the Allied Health major. Prerequisites: PHED1500 or BIOL2300 or BIOL3420

HLTH1100 CPR and First Aid - 1 s.h.

The development of practical skills in the emergency treatment of the injured. Some attention will be given to the prevention of injuries. The content to be covered will include the Standard and Advanced levels of the First Aid program sponsored by the National Red Cross. Students holding current, equivalent certifications will receive an automatic waiver for the class. This is to be verified by the instructor of the class or the Health and Movement Science Division Chair. A grade of C or higher required to count toward the Allied Health major. Additional fee required.

HLTH2560 Nutrition - 3 s.h.

A study the principles of nutrition as it relates to health, exercise, sports and disease. Students will be presented with applied content that includes research-based guidelines meant to help students differentiate between nutrition recommendations that are backed by science and the overabundance of false and misleading information. A grade of C or higher required to count toward the Allied Health major.

HMSC3200 Foundations of Evidence Based Practice - 3 s.h.

Presentation of introductory research and writing methods. Introduction to the application of evidence-based practice using various tools to evaluate the research as evidence. This class will result in a final critically appraised topic paper and poster presentation. A grade of C or higher required to count toward the Allied Health major.

HMSC4160 Corrective Exercise - 3 s.h.

A detailed view of the NASM Corrective Exercise Continuum with analysis of movement dysfunction and the principles applied to musculoskeletal function. The course examines the anatomy of full-body movement and function as it relates to activities of daily living, athletics, and exercise. Utilizing theory and practice-based approaches, the course details functional movement impairments and application of restorative theory. A grade of C or higher required to count toward the Allied Health major. Prerequisite: PHED1500, PHED2260, ATHT2500, ATHT3100.

MATH1370 Statistics for Sciences - 3 s.h.

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

PHED1500 Introduction to Kinesiology - 3 s.h.

This course is designed to introduce students to the musculoskeletal system and its relationship to anatomical movements in the body. Students will examine the skeletal system, muscular system, cardiovascular system, respiratory system, endocrine system, and their relationships with exercise science. A grade of C or higher required to count toward the Allied Health major.

PHED2260 Introduction to Performance Training - 3 s.h.

Theory and application of performance training to include flexibility, core, balance, plyometric, resistance, and power training. Using an integrated approach to performance students will explore programming and periodization for sport and human performance. Prerequisite: PHED1500. A grade of C or higher required to count toward the Allied Health major.

PHED3220 Motor Learning - 3 s.h.

Introduction to the principles involved in learning and teaching motor skills. A grade of C or higher required to count toward the Allied Health major. Prerequisites: PHED1500.

PHED3340 Biomechanics - 3 s.h.

A systematic study of the bones, joints, and muscles of the human body as well as internal external forces initiating and modifying movement. Prerequisite: BIOL2300 or BIOL3420 with a grade of "C" or higher. A grade of C or higher required to count toward the Allied Health major.

PHED4360 Physiology of Exercise - 3 s.h.

The principles and practices of energizing the human body for physical exercise. Prerequisite: BIOL2300 or BIOL3440 with a grade of "C" or better. A grade of C or higher required to count toward the Allied Health major.

PHED4500 Performance Enhancement Programming - 3 s.h.

Study of the variety of tools available to assess human performance. A broad range of instrumentation will be utilized. Prescriptive models will be studied and applied as a practical means of directing client performance training. A grade of C or higher required to count toward the Allied Health major. Prerequisites: PHED1500 and PHED2260 with a "C" or better.

PHED4725 Practicum of Clinical Assessment - 3 s.h.

Practicum of Clinical Assessment is designed to allow students to apply appropriate dynamic and transitional movement assessments, strength and range of motion screening, and design and apply appropriate corrective exercises to various populations. Students will continue to incorporate and master skills learned in previous core coursework. Practical experience outside the scheduled classroom will be required. Prerequisites: PHED1500, PHED2260, ATHT3100. Must pass with "C" or better.

PHED4726 Practicum of Human Performance - 3 s.h.

Practicum of Human Performance is designed to allow students to design and apply appropriate corrective exercises, and initiate fitness and performance enhancement programming for various populations. In addition, students will continue to incorporate and master skills learned in previous and concurrent coursework. Pre- or Corequisite: PHED4500. Must pass with "C" or better.

PHED4750 Allied Health Capstone - 3-6 s.h.

The Allied Health Capstone is designed to enable students to continue to incorporate and master skills learned in previous core coursework in a practical setting(s). The clinical focus of the Allied Health Capstone will be the student's chosen career field (ex: athletic training, occupational therapy, physical therapy, chiropractic, etc.). Class time will be spent focusing on the connection between coursework and practical application.

Clinical sites will be arranged for each student prior to the beginning of the course. A grade of C or higher required to count toward the Allied Health major. Repeatable twice for credit.

PSYC1300 Introductory Psychology - 3 s.h.
An introductory survey of psychological methods and thoughts as they relate to human experience and behavior. Topics include the role of the central nervous system in mediating behavior, learning and memory, states of awareness, motivation and emotion, personality, psychological disorders, and therapy. ELO5 Social Science – Innovation, GE3E Liberal Learning-Social Sciences.

Allied Health: Pre-AT/DC Track

Allied Health: Pre-AT/DC Track

The Allied Health track in Pre-AT/DC is designed for students who wish to pursue careers in Athletic Training or Chiropractic. Students will gain the scientific background necessary to be quality practitioners.

Additional required courses for Allied Health Concentration in Pre-AT/DC

- BIOL1520 Biology II with Lab – 4 s.h.
- BIOL3420 Human Anatomy with Lab – 4 s.h.
- BIOL3440 Human Physiology with Lab – 4 s.h.
- CHEM1410 General Chemistry I Workshop* – 4 s.h.
- PHYS1410 Elements of Physics I with Lab – 4 s.h.
- PSYC2250 Developmental Psychology – 3 s.h.

Courses Offered

BIOL1520 Biology II with Lab

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

CHEM1410 General Chemistry I Workshop with Lab

PHYS1410 Elements of Physics I with Lab

PSYC2250 Developmental Psychology

Course Descriptions

BIOL1520 Biology II with Lab - 4 s.h.

A comparative study of form and function across organisms, focusing on the various structures and strategies used by plants and animals to fulfill basic life needs, levels of organization (cells, tissues, organs, and organ systems), and the chemical reactions of metabolism. Includes a lab. Additional fee required.

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

CHEM1410 General Chemistry I Workshop with Lab - 4 s.h.

General Chemistry I Workshop is appropriate for any student interested in developing a strong background in chemistry. It is intended to be the first university chemistry course for science majors. As such, it will be fairly rigorous and will draw upon previous experience in mathematics and science. Major areas to be covered include atomic and molecular structures, chemical bonding, stoichiometric relationships, and chemical reactions. Laboratory activities and experiments are closely related to concepts introduced in class discussions and will allow students to develop their laboratory skills. Good safety practices and experimental record keeping will be stressed. Students are expected to actively participate in class activities and discussions in addition to homework assignments, individual/group study and preparation for exams. Course is intended for biology, chemistry, and some allied health majors. Additional fee required. Fulfills liberal learning science course. Prerequisites: Two years high school algebra and one year geometry (plane trigonometry recommended) or 1 year of high school calculus or one higher-level college math course

(college algebra (MATH1280) or college calculus (MATH1510)), and one year of high school chemistry or any college level chemistry course. EL06 Science, GE3D Liberal Learning-Natural Sciences.

PHYS1410 Elements of Physics I with Lab - 4 s.h.
An elementary physics course emphasizing the fundamental concepts associated with the physical universe. Topics include Newtonian mechanics, fluids, heat thermodynamics, wave motion, and sound. Designed to meet the needs of biology majors and students preparing for the medical profession and related fields. Prerequisites: Two years high school algebra and one year geometry (plane trigonometry recommended) or one year of high school calculus or one higher-level college math course (college algebra (MATH1280) or college calculus (MATH1510)).

PSYC2250 Developmental Psychology - 3 s.h.
The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

Allied Health: Pre-Physical Therapy Track

Allied Health: Pre-Physical Therapy (PT) Track

The Allied Health track in Pre-Physical Therapy is intended for students seeking to pursue advanced or professional degrees in Physical Therapy. Note that programs vary on required hours in various disciplines, so students should work with their academic advisors to determine the correct coursework to meet the entrance requirements of specific programs.

Please contact Dr. Melanie Mason mason6@graceland.edu (mailto:mason6@graceland.edu) for specific information regarding this program.

Additional required courses for Allied Health Concentration in Pre-Physical Therapy

BIOL1500 Biology I with Lab – 4 s.h.
BIOL1520 Biology II with Lab – 4 s.h.
BIOL3420 Human Anatomy with Lab – 4 s.h.
BIOL3440 Human Physiology with Lab – 4 s.h.
CHEM1410 General Chemistry I Workshop* – 4 s.h.
CHEM1420 General Chemistry II Workshop – 4 s.h.

PHYS1410 Elements of Physics I with Lab – 4 s.h.

PHYS1420 Elements of Physics II with Lab – 4 s.h.

PSYC2250 Developmental Psychology – 3 s.h.

Courses Offered

BIOL1500 Biology I with Lab

BIOL1520 Biology II with Lab

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

CHEM1410 General Chemistry I Workshop with Lab

CHEM1420 General Chemistry II Workshop with Lab

PHYS1410 Elements of Physics I with Lab

PHYS1420 Elements of Physics II with Lab

PSYC2250 Developmental Psychology

Course Descriptions

BIOL1500 Biology I with Lab - 4 s.h.

A study of the diversity of life (prokaryotes, protists, fungi, plants, and animals), focusing on the key characteristics of life, the evolutionary processes that shape life, and the ecological interactions among organisms and their physical environments. Includes a lab. Additional fee required.

BIOL1520 Biology II with Lab - 4 s.h.

A comparative study of form and function across organisms, focusing on the various structures and strategies used by plants and animals to fulfill basic life needs, levels of organization (cells, tissues, organs, and organ systems), and the chemical reactions of metabolism. Includes a lab. Additional fee required.

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and

surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

CHEM1410 General Chemistry I Workshop with Lab - 4 s.h.

General Chemistry I Workshop is appropriate for any student interested in developing a strong background in chemistry. It is intended to be the first university chemistry course for science majors. As such, it will be fairly rigorous and will draw upon previous experience in mathematics and science. Major areas to be covered include atomic and molecular structures, chemical bonding, stoichiometric relationships, and chemical reactions. Laboratory activities and experiments are closely related to concepts introduced in class discussions and will allow students to develop their laboratory skills. Good safety practices and experimental record keeping will be stressed. Students are expected to actively participate in class activities and discussions in addition to homework assignments, individual/group study and preparation for exams. Course is intended for biology, chemistry, and some allied health majors. Additional fee required. Fulfills liberal learning science course. Prerequisites: Two years high school algebra and one year geometry (plane trigonometry recommended) or 1 year of high school calculus or one higher-level college math course (college algebra (MATH1280) or college calculus (MATH1510)), and one year of high school chemistry or any college level chemistry course. EL06 Science, GE3D Liberal Learning-Natural Sciences.

CHEM1420 General Chemistry II Workshop with Lab - 4 s.h.

General Chemistry II Workshop is appropriate for any student interested in developing a strong background in chemistry. It is the continuation of CHEM1430. Students will gain a deeper understanding of basic chemical principles and will emphasize problem solving. It is fairly rigorous and will draw upon previous chemistry experience as well as mathematics and other science fields. Major areas to be covered include physical properties of solids, liquids, and solutions, intermolecular forces, energy changes in chemical reactions, thermodynamics,

gas-phase equilibrium, and aqueous acid/base equilibrium. Laboratory activities and experiments are closely related to concepts introduced in class discussions and will allow students to develop their laboratory skills. Good safety practices and experimental record keeping will be stressed. Students are expected to actively participate in class activities and discussions in addition to homework assignments, individual/group study and preparation for exams. Prerequisite: CHEM1410.

PHYS1410 Elements of Physics I with Lab - 4 s.h.
An elementary physics course emphasizing the fundamental concepts associated with the physical universe. Topics include Newtonian mechanics, fluids, heat thermodynamics, wave motion, and sound. Designed to meet the needs of biology majors and students preparing for the medical profession and related fields. Prerequisites: Two years high school algebra and one year geometry (plane trigonometry recommended) or one year of high school calculus or one higher-level college math course (college algebra (MATH1280) or college calculus (MATH1510)).

PHYS1420 Elements of Physics II with Lab - 4 s.h.
A continuation of PHYS1410. Topics included are electricity, magnetism, electromagnetic waves, light, relativity, quantum mechanics, and nuclear physics. Prerequisite: PHYS1410.

PSYC2250 Developmental Psychology - 3 s.h.
The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

Allied Health: Pre-Occupational Therapy Track

Allied Health: Pre-Occupational Therapy (OT) Track

The Allied Health track in Pre-Occupational Therapy is intended for students seeking to pursue advanced or professional degrees in Occupational Therapy. Note that programs vary on required hours in various disciplines, so students should work with their academic advisors to determine the correct coursework to meet the entrance requirements of specific programs.

Please contact Dr. Melanie Mason mason6@graceland.edu (mailto:mason6@graceland.edu) for specific information regarding this program.

Additional required courses for Allied Health Concentration in Pre-Occupational Therapy

BIOL1500 Biology I with Lab OR BIOL1520 Biology II with Lab – 4 s.h.

BIOL3420 Human Anatomy with Lab – 4 s.h.

BIOL3440 Human Physiology with Lab – 4 s.h.

PSYC2250 Developmental Psychology – 3 s.h.

PSYC3380 Abnormal Psychology – 3 s.h.

SOCI1300 Introduction to Sociology – 3 s.h.

Courses Offered

BIOL1500 Biology I with Lab

BIOL1520 Biology II with Lab

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

PSYC2250 Developmental Psychology

PSYC3380 Abnormal Psychology

SOCI1300 Introduction to Sociology

Course Descriptions

BIOL1500 Biology I with Lab - 4 s.h.

A study of the diversity of life (prokaryotes, protists, fungi, plants, and animals), focusing on the key characteristics of life, the evolutionary processes that shape life, and the ecological interactions among organisms and their physical environments. Includes a lab. Additional fee required.

BIOL1520 Biology II with Lab - 4 s.h.

A comparative study of form and function across organisms, focusing on the various structures and strategies used by plants and animals to fulfill basic life needs, levels of organization (cells, tissues, organs, and organ systems), and the chemical reactions of metabolism. Includes a lab. Additional fee required.

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and

surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3440 Human Physiology with Lab - 4 s.h.
A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

PSYC2250 Developmental Psychology - 3 s.h.
The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

PSYC3380 Abnormal Psychology - 3 s.h.
A study of the disorders outlined in the current diagnostic statistical manual. Emphasis will be on etiology, symptoms, and methods of treatment. Prerequisite: PSYC1300.

SOCI1300 Introduction to Sociology - 3 s.h.
Introduction to the perspective of sociology, its basic concepts and principles and an overview of the field.Includes study of social classes, sex roles, crime and deviance, socialization, social movements and others. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace

Allied Health: Health and Wellness Track

Allied Health: Health and Wellness Track

The Allied Health track in Health and Wellness is designed for students who wish to pursue a career in corporate wellness, hospital wellness programs, public health, community health education, etc. Students will gain the scientific background necessary to be quality practitioners.

Additional required courses for Allied Health Concentration in Health and Wellness

BIOL2300 Anatomy and Physiology I with Lab – 3 s.h. **or** BIOL3420 Human Anatomy with Lab **and** BIOL3440 Human Physiology with Lab – 8 s.h.

HLTH3100 Drugs Education and Behavior – 3 s.h.

HLTH3120 Human Sexuality – 3 s.h.

HLTH3220 Personal and Community Health – 3 s.h.

HLTH3560 Sports Nutrition – 3 s.h.

HMSC4320 Organizational Administration and Policy Analysis – 3 s.h.

PHED0490 Relaxation and Stress Management – 1 s.h.

PHED/PSYC3130 Sports Psychology – 3 s.h.

Courses Offered

BIOL2300 Anatomy and Physiology I with Lab (3-2)

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

HLTH3100 Drugs Education and Behavior

HLTH3120 Human Sexuality

HLTH3220 Personal and Community Health

HLTH3560 Sports Nutrition

HMSC4320 Organizational Administration and Policy Analysis

PHED0490 Relaxation and Stress Management

PHED3130 Sports Psychology (also PSYC3130)

PSYC3130 Sports Psychology (also PHED3130)

Course Descriptions

BIOL2300 Anatomy and Physiology I with Lab (3-2) - 4 s.h.

The study of structure and function of the human body. Topics will include: cells and homeostasis, muscles, bones, respiratory, nervous and cardiovascular. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) GE3D Liberal Learning-Natural Sciences

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

HLTH3100 Drugs Education and Behavior - 3 s.h.

This course will prepare the student to become an effective drug educator with emphasis on historical and current drug use and trends and its effects on society and human behavior. (Goal is for students to make positive decisions to protect their own health but also higher understanding of effects to social health/life when others use or abuse drugs.)

HLTH3120 Human Sexuality - 3 s.h.

Discussion of sexual biology, psychology, and sociocultural dimension of human sexual health and behavior. A grade of C or higher required to count toward the Allied Health major.

HLTH3220 Personal and Community Health - 3 s.h.

A foundational course designed for students to become informed about health as well as becoming responsible and active participants in the maintenance of their personal health and affecting the health of their community. The course is intended to provide coverage of health promotion, mental health, stress management, afflictions and diseases, aging, environmental health, consumerism and health care and promotion. A grade of C or higher required to count toward the Allied Health major. ELO4 Global Learning - Sustainability.

HLTH3560 Sports Nutrition - 3 s.h.

The course is designed to evaluate the study of nutrition as it specifically relates to physical activity, fitness, and sport performance. This course evaluates the evidence-based nutritional needs and use of various fuel types for a variety of physical activity. From the review of energy balance, body composition, and roles of specific nutrients, to the evaluation of nutritional claims and performance enhancing products. A grade of C or higher required to count toward the Allied Health major.

HMSC4320 Organizational Administration and Policy Analysis - 3 s.h.
A study of the administrative structure in health, physical education, and athletics, and the interrelatedness of these programs to the specific needs of the community. A grade of C or higher required to count toward the Allied Health major.

PHED0490 Relaxation and Stress Management - 1 s.h.
This course is designed to develop knowledge of and skill in basic posture enhancement and relaxation techniques, and to provide motivation for further self-improvement. A grade of C or higher required to count toward the Allied Health major.

PHED3130 Sports Psychology (also PSYC3130) - 3 s.h.
An application of the theories and principles in psychology to the athlete, the athletic environment, and to coaching practices.

PSYC3130 Sports Psychology (also PHED3130) - 3 s.h.
An application of the theories and principles in psychology to the athlete, the athletic environment, and to coaching practices.

Allied Health: Nutrition Track

Allied Health: Nutrition Track

The Allied Health track in Nutrition is tailored for students aiming to pursue graduate studies in Nutrition.

Additional required courses for Allied Health Track in Nutrition

- BIOL2300 Anatomy and Physiology I with Lab – 3 s.h.
- BIOL/CHEM4310 Biochemistry with Lab (recommended, not required) – 4 s.h.
- HLTH3100 Drugs Education and Behavior – 3 s.h.
- HLTH3220 Personal and Community Health – 3 s.h.
- HLTH3560 Sports Nutrition – 3 s.h.
- NHPW5140 Fundamentals of Nutritional Science (Graduate) – 3 s.h.
- NHPW5200 Clinical Nutrition: Obesity and Metabolic Syndrome (Graduate) – 3 s.h.

Courses Offered

BIOL2300 Anatomy and Physiology I with Lab (3-2)

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310)

CHEM4310 Biochemistry I with Lab – Biomolecules (also BIOL4310)

HLTH3100 Drugs Education and Behavior

HLTH3220 Personal and Community Health

HLTH3560 Sports Nutrition

NHPW5140 Fundamentals of Nutritional Science

NHPW5200 Clinical Nutrition: Obesity and Metabolic Syndrome

Course Descriptions

BIOL2300 Anatomy and Physiology I with Lab (3-2) - 4 s.h.

The study of structure and function of the human body. Topics will include: cells and homeostasis, muscles, bones, respiratory, nervous and cardiovascular. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) GE3D Liberal Learning-Natural Sciences

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310) - 4 s.h.

An examination of the structure and function of biomolecules: proteins, lipids, carbohydrates and nucleic acids. The chemical and physical properties and their relationship to organ systems and laboratory techniques used to study and characterize the biomolecules. Prerequisite: CHEM3420/3421 and BIOL2100. +This course is only offered every other year.

CHEM4310 Biochemistry I with Lab – Biomolecules (also BIOL4310) - 4 s.h.

An examination of the structure and function of biomolecules: proteins, lipids, carbohydrates and nucleic acids. The chemical and physical properties and their relationship to organ systems

and laboratory techniques used to study and characterize the biomolecules. Prerequisite: CHEM3420/3421 and BIOL2100. +This course is only offered every other year.

HLTH3100 Drugs Education and Behavior - 3 s.h.

This course will prepare the student to become an effective drug educator with emphasis on historical and current drug use and trends and its effects on society and human behavior. (Goal is for students to make positive decisions to protect their own health but also higher understanding of effects to social health/life when others use or abuse drugs.)

HLTH3220 Personal and Community Health - 3 s.h.

A foundational course designed for students to become informed about health as well as becoming responsible and active participants in the maintenance of their personal health and affecting the health of their community. The course is intended to provide coverage of health promotion, mental health, stress management, afflictions and diseases, aging, environmental health, consumerism and health care and promotion. A grade of C or higher required to count toward the Allied Health major. ELO4 Global Learning - Sustainability.

HLTH3560 Sports Nutrition - 3 s.h.

The course is designed to evaluate the study of nutrition as it specifically relates to physical activity, fitness, and sport performance. This course evaluates the evidence-based nutritional needs and use of various fuel types for a variety of physical activity. From the review of energy balance, body composition, and roles of specific nutrients, to the evaluation of nutritional claims and performance enhancing products. A grade of C or higher required to count toward the Allied Health major.

NHPW5140 Fundamentals of Nutritional Science - 3 s.h.

Examining a detailed study of human physiology and biochemistry of vitamins and minerals, their relationship with proteins, carbohydrates, and lipids, and how nutrition influences metabolism, and cellular function through the lifecycle. Micronutrients and macronutrients will be discussed in relation to ingestion, digestion, absorption, transportation, and metabolism. The clinical signs and symptoms of nutrition-related disorders and treatments such as adequate diets and Recommended Daily Allowances will be discussed. Offered Spring semester.

NHPW5200 Clinical Nutrition: Obesity and Metabolic Syndrome - 3 s.h.

The nutritional assessment and nutritional needs for the prevention and intervention of major human diseases with a focus on potential contributors and relationships to intake of proteins, carbohydrates, and lipids. Alterations in these macronutrients have been linked to pathophysiological changes related to conditions such as obesity, cardiovascular disease, diabetes mellitus type II, metabolic syndrome and even some cancers. This course will focus on the evidence-based evaluation of medical nutritional therapy and complementary and alternative nutritional therapies in the treatment of these conditions. Offered Summer semester. Prerequisite: NHPW5140 Fundamentals of Nutritional Science.

Allied Health: Strength and Conditioning/Personal Training Track

Allied Health: Strength and Conditioning/Personal Training Track

The Allied Health track in Strength and Conditioning/Personal Training is designed for students who wish to pursue a career in strength and conditioning, personal training, corporate wellness, or a graduate degree in exercise physiology, etc. Students will gain the scientific background necessary to be quality practitioners.

Please contact Frankie Porter at frankie1@graceland.edu (mailto:frankie1@graceland.edu) for more information.

Additional required courses for Allied Health Concentration in Strength and Conditioning/Personal Training

BIOL2300 Anatomy and Physiology I with Lab – 3 s.h. **or** BIOL3420 Human Anatomy with Lab **and** BIOL3440 Human Physiology with Lab – 8 s.h.

HLTH3100 Drugs Education and Behavior – 3 s.h.

HLTH3220 Personal and Community Health – 3 s.h.

HLTH3560 Sports Nutrition – 3 s.h.

PHED3120 Speed, Agility, and Endurance – 3 s.h.

PHED/PSYC3130 Sports Psychology – 3 s.h.

PHED4500 Performance Enhancement Program – 3 s.h.

PHED4730 Advanced Topics in Strength and Conditioning – 3 s.h.

Courses Offered

BIOL2300 Anatomy and Physiology I with Lab (3-2)

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

HLTH3100 Drugs Education and Behavior

HLTH3220 Personal and Community Health

HLTH3560 Sports Nutrition

PHED3120 Speed, Agility and Endurance

PHED3130 Sports Psychology (also PSYC3130)

PHED4500 Performance Enhancement Programming

PHED4730 Advanced Topics in Strength and Conditioning

PSYC3130 Sports Psychology (also PHED3130)

Course Descriptions

BIOL2300 Anatomy and Physiology I with Lab (3-2) - 4 s.h.

The study of structure and function of the human body. Topics will include: cells and homeostasis, muscles, bones, respiratory, nervous and cardiovascular. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) GE3D Liberal Learning-Natural Sciences

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional

fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

HLTH3100 Drugs Education and Behavior - 3 s.h.

This course will prepare the student to become an effective drug educator with emphasis on historical and current drug use and trends and its effects on society and human behavior. (Goal is for students to make positive decisions to protect their own health but also higher understanding of effects to social health/life when others use or abuse drugs.)

HLTH3220 Personal and Community Health - 3 s.h.

A foundational course designed for students to become informed about health as well as becoming responsible and active participants in the maintenance of their personal health and affecting the health of their community. The course is intended to provide coverage of health promotion, mental health, stress management, afflictions and diseases, aging, environmental health, consumerism and health care and promotion. A grade of C or higher required to count toward the Allied Health major. ELO4 Global Learning - Sustainability.

HLTH3560 Sports Nutrition - 3 s.h.

The course is designed to evaluate the study of nutrition as it specifically relates to physical activity, fitness, and sport performance. This course evaluates the evidence-based nutritional needs and use of various fuel types for a variety of physical activity. From the review of energy balance, body composition, and roles of specific nutrients, to the evaluation of nutritional claims and performance enhancing products. A grade of C or higher required to count toward the Allied Health major.

PHED3120 Speed, Agility and Endurance - 3 s.h.

Theory and practical application of running, jumping, directional change, stability and other related mobility skills designed to enhance on and off-the-ground performance. A grade of C or higher required to count toward the Allied Health major. Prerequisite: PHED2260.

PHED3130 Sports Psychology (also PSYC3130) - 3 s.h.

An application of the theories and principles in psychology to the athlete, the athletic environment, and to coaching practices.

PHED4500 Performance Enhancement Programming - 3 s.h.

Study of the variety of tools available to assess human performance. A broad range of instrumentation will be utilized. Prescriptive models will be studied and applied as a practical means of directing client performance training. A grade of C or higher required to count toward the Allied Health major. Prerequisites: PHED1500 and PHED2260 with a "C" or better.

PHED4730 Advanced Topics in Strength and Conditioning - 3 s.h.
Theory and application of advanced principles in programming periodization with in depth analysis of physiological adaptations from performance training. Completion of the course will prepare students for the NSCA CSCS certification. A grade of C or higher required to count toward the Allied Health major. Prerequisite: HMSC3200.

PSYC3130 Sports Psychology (also PHED3130) - 3 s.h.
An application of the theories and principles in psychology to the athlete, the athletic environment, and to coaching practices.

Allied Health: Coaching Track

Allied Health: Coaching Track

The Allied Health track in Coaching fully prepares students to understand the complexities of training the human mind and body.

Additional required courses for Allied Health Track in Coaching

- BIOL2300 Anatomy and Physiology I with Lab – 3 s.h.
- HLTH2400 Children's Health and Development – 3 s.h.
- HLTH3560 Sports Nutrition – 3 s.h.
- HMSC4320 Organizational Administration and Policy Analysis – 3 s.h.
- PHED1100 New Games – 1 s.h.
- PHED2390 Teaching Team and Individual Sports – 3 s.h.
- PHED3120 Speed, Agility, and Endurance – 3 s.h.
- PHED/PSYC3130 Sports Psychology – 3 s.h.
- PHED3410 Theory of Coaching – 2 s.h.
- PHED3420 Practicum of Coaching – 3 s.h.
- PHED4500 Performance Enhancement Programming – 3 s.h.

Courses Offered

BIOL2300 Anatomy and Physiology I with Lab (3-2)

HLTH2400 Children's Health and Development

HLTH3560 Sports Nutrition

HMSC4320 Organizational Administration and Policy Analysis

PHED1100 New Games

PHED2390 Teaching Team and Individual Sports

PHED3120 Speed, Agility and Endurance

PHED3130 Sports Psychology (also PSYC3130)

PHED3410 Theory of Coaching

PHED3420 Practicum in Coaching

PHED4500 Performance Enhancement Programming

PSYC3130 Sports Psychology (also PHED3130)

Course Descriptions

BIOL2300 Anatomy and Physiology I with Lab (3-2) - 4 s.h.

The study of structure and function of the human body. Topics will include: cells and homeostasis, muscles, bones, respiratory, nervous and cardiovascular. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) GE3D Liberal Learning-Natural Sciences

HLTH2400 Children's Health and Development - 3 s.h.

Course will focus on the lifelong development of the human from infancy and continuing through adulthood. It will explore the ways of development and learning within physical, cognitive, emotional, and social health, including family environment.

HLTH3560 Sports Nutrition - 3 s.h.

The course is designed to evaluate the study of nutrition as it specifically relates to physical activity, fitness, and sport performance. This course evaluates the evidence-based

nutritional needs and use of various fuel types for a variety of physical activity. From the review of energy balance, body composition, and roles of specific nutrients, to the evaluation of nutritional claims and performance enhancing products. A grade of C or higher required to count toward the Allied Health major.

HMSC4320 Organizational Administration and Policy Analysis - 3 s.h.

A study of the administrative structure in health, physical education, and athletics, and the interrelatedness of these programs to the specific needs of the community. A grade of C or higher required to count toward the Allied Health major.

PHED1100 New Games - 1 s.h.

Development and participation of new games for the K-12 learner, lifelong learner, and leisure.

PHED2390 Teaching Team and Individual Sports - 3 s.h.

Teaching technique, analysis of skills, and principles of skill development in areas such as soccer, basketball, volleyball, softball, golf, bowling, disc golf, and racquet sports. Prerequisite: Health and Physical Education major, Elementary Education major (PE Concentration), or consent of instructor.

PHED3120 Speed, Agility and Endurance - 3 s.h.

Theory and practical application of running, jumping, directional change, stability and other related mobility skills designed to enhance on and off-the-ground performance. A grade of C or higher required to count toward the Allied Health major. Prerequisite: PHED2260.

PHED3130 Sports Psychology (also PSYC3130) - 3 s.h.

An application of the theories and principles in psychology to the athlete, the athletic environment, and to coaching practices.

PHED3410 Theory of Coaching - 2 s.h.

Knowledge and understanding of the techniques and theory of coaching interscholastic athletics, including professional ethics in coaching.

PHED3420 Practicum in Coaching - 3-6 s.h.

Field experience for practical application of knowledge and theory in a professional setting. Student acquires experience in all phases of coaching with highly qualified personnel in a selected sport. (Note - no one may participate with students on

a team in Iowa PK-12 schools unless they hold a coaching authorization or endorsement.) Pre-/corequisite: PHED3410 Theory of Coaching.

PHED4500 Performance Enhancement Programming - 3 s.h.
Study of the variety of tools available to assess human performance. A broad range of instrumentation will be utilized. Prescriptive models will be studied and applied as a practical means of directing client performance training. A grade of C or higher required to count toward the Allied Health major. Prerequisites: PHED1500 and PHED2260 with a "C" or better.

PSYC3130 Sports Psychology (also PHED3130) - 3 s.h.
An application of the theories and principles in psychology to the athlete, the athletic environment, and to coaching practices.

Sports Nutrition Certificate

Students wishing to earn the Sports Nutrition certificate must complete the following 18 credit hours with Graceland University.

HLTH2560 Nutrition – 3 s.h.

HLTH3560 Sports Nutrition – 3 s.h.

HMSC3200 Foundations of Evidence Based Practice (Nutrition topic required for final paper.) – 3 s.h.

NHPW5140 Fundamentals of Nutritional Science (Graduate) – 3 s.h.

NHPW5200 Clinical Nutrition: Obesity and Metabolic Syndrome (Graduate) – 3 s.h.

PHED4750 Allied Health Capstone Additional requirement to attempts publication of paper w/instructor in addition to regular capstone requirements. – 3 s.h.

Courses Offered

HLTH2560 Nutrition

HLTH3560 Sports Nutrition

HMSC3200 Foundations of Evidence Based Practice

NHPW5140 Fundamentals of Nutritional Science

NHPW5200 Clinical Nutrition: Obesity and Metabolic Syndrome

PHED4750 Allied Health Capstone

Course Descriptions

HLTH2560 Nutrition - 3 s.h.

A study the principles of nutrition as it relates to health, exercise, sports and disease. Students will be presented with applied content that includes research-based guidelines meant to help students differentiate between nutrition recommendations that are backed by science and the overabundance of false and misleading information. A grade of C or higher required to count toward the Allied Health major.

HLTH3560 Sports Nutrition - 3 s.h.

The course is designed to evaluate the study of nutrition as it specifically relates to physical activity, fitness, and sport performance. This course evaluates the evidence-based nutritional needs and use of various fuel types for a variety of physical activity. From the review of energy balance, body composition, and roles of specific nutrients, to the evaluation of nutritional claims and performance enhancing products. A grade of C or higher required to count toward the Allied Health major.

HMSC3200 Foundations of Evidence Based Practice - 3 s.h.

Presentation of introductory research and writing methods. Introduction to the application of evidence-based practice using various tools to evaluate the research as evidence. This class will result in a final critically appraised topic paper and poster presentation. A grade of C or higher required to count toward the Allied Health major.

NHPW5140 Fundamentals of Nutritional Science - 3 s.h.

Examining a detailed study of human physiology and biochemistry of vitamins and minerals, their relationship with proteins, carbohydrates, and lipids, and how nutrition influences metabolism, and cellular function through the lifecycle. Micronutrients and macronutrients will be discussed in relation to ingestion, digestion, absorption, transportation, and metabolism. The clinical signs and symptoms of nutrition-

related disorders and treatments such as adequate diets and Recommended Daily Allowances will be discussed. Offered Spring semester.

NHPW5200 Clinical Nutrition: Obesity and Metabolic Syndrome - 3 s.h.

The nutritional assessment and nutritional needs for the prevention and intervention of major human diseases with a focus on potential contributors and relationships to intake of proteins, carbohydrates, and lipids. Alterations in these macronutrients have been linked to pathophysiological changes related to conditions such as obesity, cardiovascular disease, diabetes mellitus type II, metabolic syndrome and even some cancers. This course will focus on the evidence-based evaluation of medical nutritional therapy and complementary and alternative nutritional therapies in the treatment of these conditions. Offered Summer semester. Prerequisite: NHPW5140 Fundamentals of Nutritional Science.

PHED4750 Allied Health Capstone - 3-6 s.h.

The Allied Health Capstone is designed to enable students to continue to incorporate and master skills learned in previous core coursework in a practical setting(s). The clinical focus of the Allied Health Capstone will be the student's chosen career field (ex: athletic training, occupational therapy, physical therapy, chiropractic, etc.). Class time will be spent focusing on the connection between coursework and practical application. Clinical sites will be arranged for each student prior to the beginning of the course. A grade of C or higher required to count toward the Allied Health major. Repeatable twice for credit.

Data Analytics for Health and Movement Science Certificate

Students wishing to earn the Data Analytics for Health and Movement Science certificate must complete the following 18 credit hours with Graceland University.

CSIT1100 Principles of Computing (Python Programming) – 3 s.h.

DSCI1500 Principles of Data Science and Analytics – 3 s.h.

DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

Choose 3 of the following 4 courses:

HLTH3220 Personal and Community Health – 3 s.h.

HMSC3200 Foundations of Evidence Based Practice – 3 s.h.

PHED3340 Biomechanics – 3 s.h.
PHED4360 Physiology of Exercise – 3 s.h.

Courses Offered

CSIT1100 Principles of Computing (Python Programming)

DSCI1500 Principles of Data Science and Analytics

DSCI4700 Capstone for Data Analytics Certificates

HLTH3220 Personal and Community Health

HMSC3200 Foundations of Evidence Based Practice

PHED3340 Biomechanics

PHED4360 Physiology of Exercise

Course Descriptions

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings

through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

HLTH3220 Personal and Community Health - 3 s.h.

A foundational course designed for students to become informed about health as well as becoming responsible and active participants in the maintenance of their personal health and affecting the health of their community. The course is intended to provide coverage of health promotion, mental health, stress management, afflictions and diseases, aging, environmental health, consumerism and health care and promotion. A grade of C or higher required to count toward the Allied Health major. ELO4 Global Learning - Sustainability.

HMSC3200 Foundations of Evidence Based Practice - 3 s.h.

Presentation of introductory research and writing methods. Introduction to the application of evidence-based practice using various tools to evaluate the research as evidence. This class will result in a final critically appraised topic paper and poster presentation. A grade of C or higher required to count toward the Allied Health major.

PHED3340 Biomechanics - 3 s.h.

A systematic study of the bones, joints, and muscles of the human body as well as internal external forces initiating and modifying movement. Prerequisite: BIOL2300 or BIOL3420 with a grade of "C" or higher. A grade of C or higher required to count toward the Allied Health major.

PHED4360 Physiology of Exercise - 3 s.h.

The principles and practices of energizing the human body for physical exercise. Prerequisite: BIOL2300 or BIOL3440 with a grade of "C" or better. A grade of C or higher required to count toward the Allied Health major.

Allied Health to Master of Science in Nutrition and Human Performance “4+1” Program

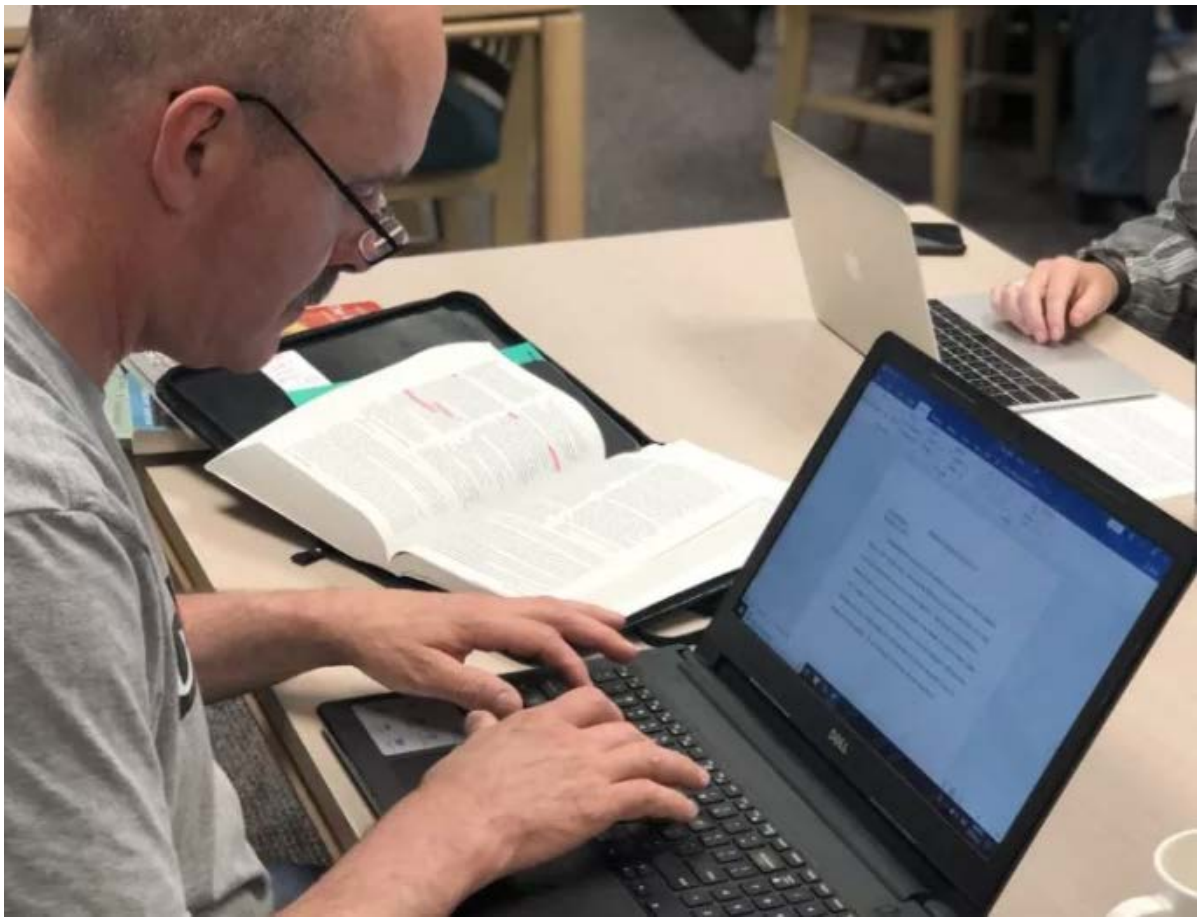
The Allied Health to Master of Science in Nutrition and Human Performance (MSNHP) 4+1 program is designed for students who want to earn their Bachelor of Science in Allied Health degree and Master of Science in Nutrition and Human Performance in five years. Upon graduation, you will have an in-depth understanding of biomechanics, functional anatomy, and movement science, with a specialized focus on the evidence-based foundations of nutrition and human performance. Undergraduate courses substituted during the senior year by graduate courses are elective courses in the Allied Health undergraduate

curriculum. Students interested in the 4+1 Allied Health to Master of Science in Nutrition and Human Performance hybrid program should discuss readiness with the academic advisor. Students in good undergraduate standing may then apply to the MS program to be accepted into the hybrid program track.

Allied Health to Doctor of Physical Therapy “3.5+2” Program

The Allied Health to Doctor of Physical Therapy 3.5+2 program is designed for students who want to earn their Bachelor of Science in Allied Health and Doctor of Physical Therapy degrees in five and a half years. After finishing 3.5 years in the undergraduate Allied Health program on Lamoni’s campus, students will enroll in the two-year, hybrid physical therapy program. Students will graduate as empowered physical therapists who can provide transformational care and leadership that serves and positively impacts society.

Artificial Intelligence and Data Science Degree



BS Degree — Artificial Intelligence and Data Science Major

In addition to the general education requirements, majors in Data Science must **complete 37 semester hours** of coursework as described below:

- CSIT1100 Principles of Computing (Python Programming) – 3 s.h.
- CSIT1200 Data Structures and Algorithms – 3 s.h.
- CSIT3110 Artificial Intelligence: Theory and Practice – 3 s.h.
- CSIT3300 Database Concepts and SQL – 3 s.h.

CSIT4110 Cloud Computing and Big Data Technologies – 3 s.h.

CSIT4200 Machine Learning – 3 s.h.

DSCI1500 Principles of Data Science and Analytics – 3 s.h.

DSCI4320 Applied AI and Data Science Capstone – 3 s.h.

MATH1370 Statistics for Science* – 3 s.h.

MATH1510 Calculus I* – 4 s.h.

MATH1520 Calculus II – 4 s.h.

MATH2350 Discrete Mathematics – 3 s.h.

MATH3340 Linear Algebra – 3 s.h.

MATH4350 Probability and Advanced Statistics – 3 s.h.

*General Education Requirement

Courses Offered

CSIT1100 Principles of Computing (Python Programming)

CSIT1200 Data Structures and Algorithms

CSIT3110 Artificial Intelligence: Theory and Practice

CSIT3300 Database Concepts and SQL

CSIT4110 Cloud Computing and Big Data Technologies

CSIT4200 Machine Learning

DSCI1500 Principles of Data Science and Analytics

DSCI4320 Applied AI and Data Science Capstone

MATH1370 Statistics for Sciences

MATH1510 Calculus I

MATH1520 Calculus II

MATH2350 Discrete Mathematics

MATH3340 Linear Algebra

MATH4350 Probability and Advanced Statistics

Course Descriptions

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

CSIT1200 Data Structures and Algorithms - 3 s.h.

Continuation of CSIT1100 with emphasis on more advanced programming that involve classic data structures such as arrays, dictionaries, linked lists, queues, stacks, and trees. Recursive techniques and efficiency considerations will also be covered. Prerequisite: CSIT1100.

CSIT3110 Artificial Intelligence: Theory and Practice - 3 s.h.

Learn the foundational concepts of artificial intelligence (AI), covering machine learning, deep neural networks, reinforcement learning, natural language processing (NLP), and computer vision. Examine AI applications across various industries, including healthcare, finance, manufacturing, and autonomous systems. Practical expertise is developed through hands-on projects, focusing on building and training AI models to solve real-world challenges effectively. Prerequisite: DSCI1500 Principles of Data Science and Analytics.

CSIT3300 Database Concepts and SQL - 3 s.h.

A study of the concepts and structures required to implement a database system including the logical design and physical organization of the database. Emphasis is given to the design and development of database systems that includes understanding and applying entity-relationship models. Implementation of a database using SQL on a database system is included.

CSIT4110 Cloud Computing and Big Data Technologies - 3 s.h.

Course Description: This course covers major cloud platforms such as AWS and Azure, alongside big data technologies like Hadoop and Spark. The focus is on designing and deploying scalable applications in distributed systems. Practical experience is gained by utilizing cloud services for data storage, processing, and analysis, along with a thorough understanding of big data management principles within cloud ecosystems.. Prerequisite: DSCI1500 Principles of Data Science and Analytics.

CSIT4200 Machine Learning - 3 s.h.

A study of regression, kernels, support vector machines, clustering, Neural networks. Prerequisites: MATH3340, MATH2510, CSIT1200. (Students participating in the 4+1 Masters program in Data Science and Analytics should sign up for DSCI5370 Machine Learning.)

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4320 Applied AI and Data Science Capstone - 3 s.h.

This course provides a culminating, project-based experience in data science and artificial intelligence. Students work in teams using authentic data sets (often from community or company partners) to define a problem with a client, prepare and analyze data, and develop appropriate analytical and AI/ML solutions. Teams communicate results and recommendations in professional written and oral formats. Prerequisites: CSIT4200 - Machine Learning.

MATH1370 Statistics for Sciences - 3 s.h.

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1510 Calculus I - 4 s.h.

Limits, continuity, differentiation, and applications including exponential, logarithmic, trigonometric, and inverse functions. Mean value theorem, curve sketching, Riemann sums, and the fundamental theorem of calculus. Prerequisite: 2 years high school algebra. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1520 Calculus II - 4 s.h.

Integration techniques and applications, polar coordinates, improper integrals, sequences and series of real numbers, and power series. Prerequisite: MATH1510.

MATH2350 Discrete Mathematics - 3 s.h.

A survey of topics in discrete mathematics focusing on introductory logic, methods of mathematical proof, set theory, determinants and matrices, combinatorics, and graph theory.

Prerequisite: Instructor approval for non-CSIT/MATH majors, 2 years high school algebra or MATH1280. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH3340 Linear Algebra - 3 s.h.
Matrices, vector spaces, linear transformations. Prerequisite: MATH1510 and MATH2350. +This course is only offered every other year.

MATH4350 Probability and Advanced Statistics - 3 s.h.
Introduction to probability, classical probability models and processes, random variables, conditional probability, bivariate distributions and their development, goodness of fit tests, and other nonparametric methods. +This course is only offered every other year. Prerequisite: MATH1510 and MATH2350.

Artificial Intelligence and Data Science Minor

A minor in Data Science **requires 20 semester hours** as described below:

- CSIT1100 Principles of Computing (Python Programming) – 3 s.h.
- CSIT1200 Data Structures and Algorithms – 3 s.h.
- CSIT3110 Artificial Intelligence: Theory and Practice – 3 s.h.
- CSIT3300 Database Concepts and SQL – 3 s.h.
- CSIT4200 Machine Learning – 3 s.h.
- DSCI1500 Principles of Data Science and Analytics – 3 s.h.
- MATH1370 Statistics for Sciences* – 3 s.h.
- MATH1510 Calculus I* – 4 s.h.

*General Education Requirement

Courses Offered

CSIT1100 Principles of Computing (Python Programming)

CSIT1200 Data Structures and Algorithms

CSIT3110 Artificial Intelligence: Theory and Practice

CSIT3300 Database Concepts and SQL

CSIT4200 Machine Learning

DSCI1500 Principles of Data Science and Analytics

MATH1370 Statistics for Sciences

MATH1510 Calculus I

Course Descriptions

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

CSIT1200 Data Structures and Algorithms - 3 s.h.

Continuation of CSIT1100 with emphasis on more advanced programming that involve classic data structures such as arrays, dictionaries, linked lists, queues, stacks, and trees. Recursive techniques and efficiency considerations will also be covered. Prerequisite: CSIT1100.

CSIT3110 Artificial Intelligence: Theory and Practice - 3 s.h.

Learn the foundational concepts of artificial intelligence (AI), covering machine learning, deep neural networks, reinforcement learning, natural language processing (NLP), and computer vision. Examine AI applications across various industries, including healthcare, finance, manufacturing, and autonomous systems. Practical expertise is developed through hands-on projects, focusing on building and training AI models to solve real-world challenges effectively. Prerequisite: DSCI1500 Principles of Data Science and Analytics.

CSIT3300 Database Concepts and SQL - 3 s.h.

A study of the concepts and structures required to implement a database system including the logical design and physical organization of the database. Emphasis is given to the design and development of database systems that includes understanding and applying entity-relationship models. Implementation of a database using SQL on a database system is included.

CSIT4200 Machine Learning - 3 s.h.

A study of regression, kernels, support vector machines, clustering, Neural networks. Prerequisites: MATH3340, MATH2510, CSIT1200. (Students participating in the 4+1 Masters program in Data Science and Analytics should sign up for DSCI5370 Machine Learning.)

DSCI1500 Principles of Data Science and Analytics - 3 s.h.
Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

MATH1370 Statistics for Sciences - 3 s.h.
Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1510 Calculus I - 4 s.h.
Limits, continuity, differentiation, and applications including exponential, logarithmic, trigonometric, and inverse functions. Mean value theorem, curve sketching, Riemann sums, and the fundamental theorem of calculus. Prerequisite: 2 years high school algebra. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

Data Analytics for Accounting Certificate

Students wishing to earn the Data Analytics for Accounting certificate must complete the following 18 credit hours with Graceland University.

- ACCT2310 Financial Accounting – 3 s.h.
- ACCT2320 Managerial Accounting – 3 s.h.
- ACCT4100 Auditing Concepts and Applications – A Risk Analysis Approach – 3 s.h.
- CSIT1100 Principles of Computing (Python Programming) – 3 s.h.
- DSCI1500 Principles of Data Science and Analytics – 3 s.h.
- DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

Courses Offered

ACCT2310 Financial Accounting

ACCT2320 Managerial Accounting

ACCT4100 Auditing Concepts and Applications – A Risk Analysis Approach

CSIT1100 Principles of Computing (Python Programming)

DSCI1500 Principles of Data Science and Analytics

DSCI4700 Capstone for Data Analytics Certificates

Course Descriptions

ACCT2310 Financial Accounting - 3 s.h.

An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

ACCT2320 Managerial Accounting - 3 s.h.

The selection and analysis of accounting information for internal use by management. Prerequisite: ACCT2310.

ACCT4100 Auditing Concepts and Applications – A Risk Analysis Approach - 3 s.h.

An introduction to the study of auditing principles and standards. Provides a working knowledge of auditing procedures. Prerequisite: ACCT3360.

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

Data Analytics for Agricultural Business Certificate

Students wishing to earn the Data Analytics for Agricultural Business certificate must complete the following 18 credit hours with Graceland University.

- ACCT3220 Agricultural Accounting and Taxation – 3 s.h.
- AGRI3100 Agricultural Finance and Resource Allocation – 3 s.h.
- ECON2100 Introductory Economic Data Analysis – 3 s.h.
- CSIT1100 Principles of Computing (Python Programming) – 3 s.h.
- DSCI1500 Principles of Data Science and Analytics – 3 s.h.
- DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

Courses Offered

ACCT3220 Agricultural Accounting and Taxation

AGRI3100 Agricultural Finance and Resource Allocation

CSIT1100 Principles of Computing (Python Programming)

DSCI1500 Principles of Data Science and Analytics

DSCI4700 Capstone for Data Analytics Certificates

ECON2100 Introductory Economic Data Analysis

Course Descriptions

ACCT3220 Agricultural Accounting and Taxation - 3 s.h.

Exposure to accounting methods and taxation policies specific to agricultural producers and businesses. Prerequisite: ACCT2310 Financial Accounting.

AGRI3100 Agricultural Finance and Resource Allocation - 3 s.h.

Application of economics and financial resource allocation to agricultural businesses from producer to distributor to the end consumer. Content includes equity and credit practices for operations and for capital investments. Prerequisite: ECON1320 Microeconomics.

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

ECON2100 Introductory Economic Data Analysis - 3 s.h.

An introduction to economic data and statistical techniques commonly applied in business settings. Topics include understanding the basics of data interpretation, manipulation, and visualization. Students will learn how to carry out and interpret basic linear regression and other methods of statistical analysis in Excel.

Data Analytics for Business Management Certificate

Students wishing to earn the Data Analytics for Business Management certificate must complete the following 18 credit hours with Graceland University.

BUAD2320 Principles of Management – 3 s.h.

BUAD3450 Organizational Behavior – 3 s.h.

CSIT1100 Principles of Computing (Python Programming) – 3 s.h.

DSCI1500 Principles of Data Science and Analytics – 3 s.h.

DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

ECON2100 Introductory Economic Data Analysis – 3 s.h.

Courses Offered

BUAD2320 Principles of Management

CSIT1100 Principles of Computing (Python Programming)

DSCI1500 Principles of Data Science and Analytics

DSCI4700 Capstone for Data Analytics Certificates

ECON2100 Introductory Economic Data Analysis

Course Descriptions

BUAD2320 Principles of Management - 3 s.h.
Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing.

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.
An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.
This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

ECON2100 Introductory Economic Data Analysis - 3 s.h.
An introduction to economic data and statistical techniques commonly applied in business settings. Topics include understanding the basics of data interpretation, manipulation, and visualization. Students will learn how to carry out and interpret basic linear regression and other methods of statistical analysis in Excel.

Data Analytics for Business Marketing Certificate

Students wishing to earn the Data Analytics for Marketing certificate must complete the following 18 credit hours with Graceland University.

- BUAD3240 Marketing Research and Analytics – 3 s.h.
- BUAD3430 Digital Marketing Foundations and Strategy – 3 s.h.
- BUAD4480 International Marketing and Advertising – 3 s.h.
- CSIT1100 Principles of Computing (Python Programming) – 3 s.h.
- DSCI1500 Principles of Data Science and Analytics – 3 s.h.
- DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

Courses Offered

BUAD3240 Marketing Research and Analytics

BUAD3430 Digital Marketing Foundations and Strategy

BUAD4480 International Marketing & Advertising

CSIT1100 Principles of Computing (Python Programming)

DSCI1500 Principles of Data Science and Analytics

DSCI4700 Capstone for Data Analytics Certificates

Course Descriptions

BUAD3240 Marketing Research and Analytics - 3 s.h.

A focus on the practice of studying and managing marketing metrics data in order to enhance decision making for marketing efforts including calls-to-action (CTAs), blog posts, channel performance, and thought leadership pieces, and to identify opportunities for improvement and maximize marketing outcomes. Students will learn how marketing analytics professionals serve as liaisons between those who make marketing decisions and those who work with the data.

BUAD3430 Digital Marketing Foundations and Strategy - 3 s.h.

This course introduces students to the fundamental concepts, tools, and strategies of digital marketing in today's technology-driven business environment. Students will explore core topics such as website optimization, search engine marketing (SEM/SEO), social media, email campaigns, mobile platforms, content creation, and data analytics. Emphasis is placed on developing a strategic mindset-integrating digital channels into cohesive marketing plans, aligning tactics with organizational goals, and leveraging analytics to measure performance and refine decision-making. By the end of the course, students will gain both a theoretical foundation and practical skills to design, implement, and evaluate digital marketing strategies across diverse industries and audiences.

BUAD4480 International Marketing & Advertising - 3 s.h.

The aim of the course is to give the students a deeper understanding of marketing on a global basis. The students examine the international similarities and differences in marketing functions as related to the cultural, economic, political, social, and physical dimensions of the environment. This course is designed to provide students with an applied understanding of international marketing activities based on real-life examples.

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

Data Analytics for Chemistry Certificate

Students wishing to earn the Data Analytics for Chemistry certificate must complete the following 21 credit hours with Graceland University.

- CHEM3300 Analytical Chemistry with Lab – 4 s.h.
- CHEM3610 Physical Chemistry I with Lab – 4 s.h.
- CHEM3620 Physical Chemistry II with Lab – 4 s.h.
- CSIT1100 Principles of Computing (Python Programming) – 3 s.h.
- DSCI1500 Principles of Data Science and Analytics – 3 s.h.
- DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

Courses Offered

CHEM3300 Analytical Chemistry with Lab

CHEM3610 Physical Chemistry I with Lab

CHEM3620 Physical Chemistry II with Lab

CSIT1100 Principles of Computing (Python Programming)

DSCI1500 Principles of Data Science and Analytics

DSCI4700 Capstone for Data Analytics Certificates

Course Descriptions

CHEM3300 Analytical Chemistry with Lab - 4 s.h.

Study of theory and practice of modern separation and analytical techniques. Includes use of electrochemical, spectrometric and chromatographic instruments. Additional fee required. Prerequisite: CHEM1420. Offered odd years Spring.

CHEM3610 Physical Chemistry I with Lab - 4 s.h.

A study of thermodynamics, thermochemistry, chemical kinetics, equilibrium, atomic and molecular structure, electrochemistry, and quantum chemistry. Additional fee required. Prerequisites: CHEM1420, PHYS1420, and MATH1520. Offered odd years Fall. +This course is only offered every other year.

CHEM3620 Physical Chemistry II with Lab - 4 s.h.

Additional fee required. Continuation of CHEM3610, which is a prerequisite. Offered even years Spring. +This course is only offered every other year.

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

Data Analytics for Computer Science and Information Technology Certificate

Students wishing to earn the Data Analytics for Computer Science and Information Technology certificate must complete the following 18 credit hours with Graceland University.

- CSIT1100 Principles of Computing (Python Programming) – 3 s.h.
- CSIT1200 Data Structures and Algorithms – 3 s.h.
- CSIT3300 Data Base Concepts and SQL – 3 s.h.
- CSIT4200 Machine Learning or DSCI4320 Applied IA and Data Science Capstone – 3 s.h.
- DSCI1500 Principles of Data Science and Analytics – 3 s.h.
- DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

Courses Offered

CSIT1100 Principles of Computing (Python Programming)

CSIT1200 Data Structures and Algorithms

CSIT3300 Database Concepts and SQL

CSIT4200 Machine Learning

DSCI1500 Principles of Data Science and Analytics

DSCI4320 Applied AI and Data Science Capstone

DSCI4700 Capstone for Data Analytics Certificates

Course Descriptions

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

CSIT1200 Data Structures and Algorithms - 3 s.h.

Continuation of CSIT1100 with emphasis on more advanced programming that involve classic data structures such as arrays, dictionaries, linked lists, queues, stacks, and trees. Recursive techniques and efficiency considerations will also be covered. Prerequisite: CSIT1100.

CSIT3300 Database Concepts and SQL - 3 s.h.

A study of the concepts and structures required to implement a database system including the logical design and physical organization of the database. Emphasis is given to the design and development of database systems that includes understanding and applying entity-relationship models. Implementation of a database using SQL on a database system is included.

CSIT4200 Machine Learning - 3 s.h.

A study of regression, kernels, support vector machines, clustering, Neural networks. Prerequisites: MATH3340, MATH2510, CSIT1200. (Students participating in the 4+1 Masters program in Data Science and Analytics should sign up for DSCI5370 Machine Learning.)

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4320 Applied AI and Data Science Capstone - 3 s.h.

This course provides a culminating, project-based experience in data science and artificial intelligence. Students work in teams using authentic data sets (often from community or company partners) to define a problem with a client, prepare and analyze data, and develop appropriate analytical and AI/ML solutions. Teams communicate results and recommendations in professional written and oral formats. Prerequisites: CSIT4200 - Machine Learning.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

Data Analytics for Economics Certificate

Students wishing to earn the Data Analytics for Economics certificate must complete the following 18 credit hours with Graceland University.

- ECON2100 Introductory Economic Data Analysis – 3 s.h.
- ECON3220 Economics of Sports – 3 s.h.
- ECON4430 Managerial Economics – 3 s.h.
- CSIT1100 Principles of Computing (Python Programming) – 3 s.h.
- DSCI1500 Principles of Data Science and Analytics – 3 s.h.
- DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

Courses Offered

CSIT1100 Principles of Computing (Python Programming)

DSCI1500 Principles of Data Science and Analytics

DSCI4700 Capstone for Data Analytics Certificates

ECON2100 Introductory Economic Data Analysis

ECON3220 Economics of Sports

ECON4430 Managerial Economics

Course Descriptions

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

ECON2100 Introductory Economic Data Analysis - 3 s.h.

An introduction to economic data and statistical techniques commonly applied in business settings. Topics include understanding the basics of data interpretation, manipulation, and visualization. Students will learn how to carry out and interpret basic linear regression and other methods of statistical analysis in Excel.

ECON3220 Economics of Sports - 3 s.h.

An application of economic theory to the business of sports. Areas include labor economics, public finance, and the theory of the firm. Prerequisite: ECON1320 and either two MATH courses or MATH1360.

ECON4430 Managerial Economics - 3 s.h.

Managerial Economics is a course that explores applying economic theories and methodologies to solve business problems and make informed leadership decisions. It focuses on analyzing economic data, understanding market structures, forecasting demand and supply, and evaluating various business strategies in different economic environments.

Data Analytics for Environmental Science Certificate

Students wishing to earn the Data Analytics for Environmental Science certificate must complete the following 20-21 credit hours with Graceland University.

BIOL/CHEM1200 Environmental Science with Lab – 4 s.h.

BIOL3400 Ecology and Conservation Biology with Lab – 4 s.h.

Choose one of the following: CHEM3300 Analytical Chemistry with Lab – 4 s.h. **or** CSIT2110/SUST2100 Introduction to Geographic Information Sciences – 3 s.h.

CSIT1100 Principles of Computing (Python Programming) – 3 s.h.

DSCI1500 Principles of Data Science and Analytics – 3 s.h.

DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

Courses Offered

BIOL1200 Environmental Science with Lab (also CHEM1200)

BIOL3400 Ecology and Conservation Biology with Lab

CHEM1200 Environmental Science with Lab (also BIOL1200)

CHEM3300 Analytical Chemistry with Lab

CSIT1100 Principles of Computing (Python Programming)

CSIT2110 Introduction to Geographic Information Sciences (also SUST2100)

DSCI1500 Principles of Data Science and Analytics

DSCI4700 Capstone for Data Analytics Certificates

SUST2100 Introduction to Geographic Information Sciences (also CSIT2110)

Course Descriptions

BIOL1200 Environmental Science with Lab (also CHEM1200) - 4 s.h.

An exploration of the biotic and abiotic components of the environment, including the biological, physical, and chemical processes that shape natural ecosystems (e.g., biogeochemical cycles). The course will also examine the impact of human population growth, resource use, emissions production, and technological innovations on the environment. Current environmental issues, such as loss of biodiversity, ecosystem degradation, air and water pollution, and climate change, will be considered. Additional fee required. ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences

BIOL3400 Ecology and Conservation Biology with Lab - 4 s.h.

A study of how organisms interact with one another and with their physical environments at the physiological, population, community, and ecosystem levels. Case studies will use ecological concepts to develop conservation strategies for species, habitats, and ecosystems. Prerequisite: BIOL/CHEM1200, BIOL1500, BIOL1520 or instructor's consent. Additional fee required. EL06 Science - World Citizenship, ELO6 Science - Sustainability +This course is only offered every other year.

CHEM1200 Environmental Science with Lab (also BIOL1200) - 4 s.h.

An exploration of the biotic and abiotic components of the environment, including the biological, physical, and chemical processes that shape natural ecosystems (e.g., biogeochemical cycles). The course will also examine the impact of human population growth, resource use, emissions production, and technological innovations on the environment. Current environmental issues, such as loss of biodiversity, ecosystem degradation, air and water pollution, and climate change, will be considered. Additional fee required. ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences.

CHEM3300 Analytical Chemistry with Lab - 4 s.h.

Study of theory and practice of modern separation and analytical techniques. Includes use of electrochemical, spectrometric and chromatographic instruments. Additional fee required. Prerequisite: CHEM1420. Offered odd years Spring.

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics

such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

CSIT2110 Introduction to Geographic Information Sciences (also SUST2100) - 3 s.h.
Students will learn theoretical and practical foundations related to geographic information systems and spatial analysis. Emphasis on teaching students to integrate and analyze spatial information from various sources. Includes a weekly laboratory section. Prerequisite: MATH1380.

DSCI1500 Principles of Data Science and Analytics - 3 s.h.
Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.
This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

SUST2100 Introduction to Geographic Information Sciences (also CSIT2110) - 3 s.h.
Students will learn theoretical and practical foundations related to geographic information systems and spatial analysis. Emphasis on teaching students to integrate and analyze spatial information from various sources. Includes a weekly laboratory section. Prerequisite: MATH1370.

Data Analytics for Health and Movement Science Certificate

Students wishing to earn the Data Analytics for Health and Movement Science certificate must complete the following 18 credit hours with Graceland University.

CSIT1100 Principles of Computing (Python Programming) – 3 s.h.

DSCI1500 Principles of Data Science and Analytics – 3 s.h.

DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

Choose 3 of the following 4 courses:

HLTH3220 Personal and Community Health – 3 s.h.

HMSC3200 Foundations of Evidence Based Practice – 3 s.h.

PHED3340 Biomechanics – 3 s.h.

PHED4360 Physiology of Exercise – 3 s.h.

Courses Offered

CSIT1100 Principles of Computing (Python Programming)

DSCI1500 Principles of Data Science and Analytics

DSCI4700 Capstone for Data Analytics Certificates

HLTH3220 Personal and Community Health

HMSC3200 Foundations of Evidence Based Practice

PHED3340 Biomechanics

PHED4360 Physiology of Exercise

Course Descriptions

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets

provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

HLTH3220 Personal and Community Health - 3 s.h.
A foundational course designed for students to become informed about health as well as becoming responsible and active participants in the maintenance of their personal health and affecting the health of their community. The course is intended to provide coverage of health promotion, mental health, stress management, afflictions and diseases, aging, environmental health, consumerism and health care and promotion. A grade of C or higher required to count toward the Allied Health major. ELO4 Global Learning - Sustainability.

HMSC3200 Foundations of Evidence Based Practice - 3 s.h.
Presentation of introductory research and writing methods. Introduction to the application of evidence-based practice using various tools to evaluate the research as evidence. This class will result in a final critically appraised topic paper and poster presentation. A grade of C or higher required to count toward the Allied Health major.

PHED3340 Biomechanics - 3 s.h.
A systematic study of the bones, joints, and muscles of the human body as well as internal external forces initiating and modifying movement. Prerequisite: BIOL2300 or BIOL3420 with a grade of "C" or higher. A grade of C or higher required to count toward the Allied Health major.

PHED4360 Physiology of Exercise - 3 s.h.
The principles and practices of energizing the human body for physical exercise. Prerequisite: BIOL2300 or BIOL3440 with a grade of "C" or better. A grade of C or higher required to count toward the Allied Health major.

Data Analytics for Sport Management Certificate

Students wishing to earn the Data Analytics for Sport Marketing certificate must complete the following 18 credit hours with Graceland University.

CSIT1100 Principles of Computing (Python Programming) – 3 s.h.

DSCI1500 Principles of Data Science and Analytics – 3 s.h.

DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

ECON2100 Introductory Economic Data Analysis – 3 s.h.

ECON3220 Economics of Sports – 3 s.h.

SPMT3300 Sport Marketing – 3 s.h.

Courses Offered

CSIT1100 Principles of Computing (Python Programming)

DSCI1500 Principles of Data Science and Analytics

DSCI4700 Capstone for Data Analytics Certificates

ECON2100 Introductory Economic Data Analysis

ECON3220 Economics of Sports

SPMT3300 Sport Marketing

Course Descriptions

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings

through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

ECON2100 Introductory Economic Data Analysis - 3 s.h.
An introduction to economic data and statistical techniques commonly applied in business settings. Topics include understanding the basics of data interpretation, manipulation, and visualization. Students will learn how to carry out and interpret basic linear regression and other methods of statistical analysis in Excel.

ECON3220 Economics of Sports - 3 s.h.
An application of economic theory to the business of sports. Areas include labor economics, public finance, and the theory of the firm. Prerequisite: ECON1320 and either two MATH courses or MATH1360.

SPMT3300 Sport Marketing - 3 s.h.
An analysis of the field of marketing from a sports perspective with focus on the elements of and development of a marketing plan. Prerequisite: ECON1320.

Course list - Data Science

Courses Offered

DSCI1500 Principles of Data Science and Analytics

DSCI4300 Introduction to Data Science

DSCI4320 Applied AI and Data Science Capstone

DSCI4330 Extracting and Transforming Data

DSCI4700 Capstone for Data Analytics Certificates

Course Descriptions

DSCI1500 Principles of Data Science and Analytics - 3 s.h.
Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4300 Introduction to Data Science - 3 s.h.

An introduction to the methods of data science through a combination of computational exploration, visualization, and theory. Students will learn scientific computing basics, topics in numerical linear algebra, mathematical probability, statistics, and social and political issues raised by data science. Prerequisites: Prior courses in statistics, calculus and basic programming. (Students participating in the 4+1 Masters program in Data Science and Analytics should sign up for DSCI5300 Introduction to Data Science.)

DSCI4320 Applied AI and Data Science Capstone - 3 s.h.

This course provides a culminating, project-based experience in data science and artificial intelligence. Students work in teams using authentic data sets (often from community or company partners) to define a problem with a client, prepare and analyze data, and develop appropriate analytical and AI/ML solutions. Teams communicate results and recommendations in professional written and oral formats. Prerequisites: CSIT4200 - Machine Learning.

DSCI4330 Extracting and Transforming Data - 3 s.h.

Students will learn skills of data acquisition, methods of data cleaning, imputing data, data storage and other important issues required to producing useable data sets. Codebooks, data standards, and markdown files will be introduced as well as the concept of the data lake. Prerequisites: DSCI4300. (Students participating in the 4+1 Masters program in Data Science and Analytics should sign up for DSCI5330 Extracting and Transforming Data.)

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

Bachelor of Science Degree in Biology



Bachelor of Science Degree – Biology Major

Core Requirements

In addition to the general education requirements, students majoring in Biology must complete at least one concentration with semester hours in Biology and related sciences (**42-44 semester hours** for the General Biology Concentration, 50-51 semester hours for the Molecular and Biotechnology Concentration, or **54 semester hours** for the Human Biology and Disease Concentration).

Core Courses (required for both concentrations) – 20 s.h. with 10-11 s.h. general education*

BIOL1500 Biology I with Lab – 4 s.h.

BIOL1520 Biology II with Lab – 4 s.h.

BIOL2100 Cell Biology and Genetics with Lab – 4 s.h.

BIOL/BIOL4111 Capstone Research I – 1 s.h.

BIOL/CHEM4120 Capstone Research II – 1-2 s.h.

BIOL/CHEM4130 Capstone Research III – 1-2 s.h.

CHEM1410 General Chemistry I Workshop with Lab – 4 s.h.*

CHEM1420 General Chemistry II Workshop with Lab – 4 s.h.

CHEM1450 Introduction to Organic and Biochemistry – 1 s.h.

MATH1370 Statistics for Sciences – 3 s.h.*

One of the following MATH courses:

General Biology Concentration – MATH1510 Calculus I – 4 s.h.* or MATH1280 College Algebra – 3 s.h.*

Human Biology and Disease Concentration – MATH1510 Calculus I – 4 s.h.*

Courses Offered

BIOL1500 Biology I with Lab

BIOL1520 Biology II with Lab

BIOL2100 Cell Biology and Genetics with Lab

BIOL4111 Capstone Research I

BIOL4120 Capstone Research II (also CHEM4120)

BIOL4130 Capstone Research III (also CHEM4130)

CHEM1410 General Chemistry I Workshop with Lab

CHEM1420 General Chemistry II Workshop with Lab

CHEM1450 Introduction to Organic and Biochemistry (1-0)

MATH1280 College Algebra

MATH1370 Statistics for Sciences

MATH1500 Applied Calculus

MATH1510 Calculus I

Course Descriptions

BIOL1500 Biology I with Lab - 4 s.h.

A study of the diversity of life (prokaryotes, protists, fungi, plants, and animals), focusing on the key characteristics of life, the evolutionary processes that shape life, and the ecological interactions among organisms and their physical environments. Includes a lab. Additional fee required.

BIOL1520 Biology II with Lab - 4 s.h.

A comparative study of form and function across organisms, focusing on the various structures and strategies used by plants and animals to fulfill basic life needs, levels of organization (cells, tissues, organs, and organ systems), and the chemical reactions of metabolism. Includes a lab. Additional fee required.

BIOL2100 Cell Biology and Genetics with Lab - 4 s.h.

A study of the various patterns and mechanisms of heredity, changes in the genetic material and the consequences of these genetic changes. The course will also give an introduction to cellular structures, macromolecules, and processes, including DNA replication, transcription, translation and cellular signaling. Additional fee required. Prerequisite: CHEM1330, CHEM3410, or (CHEM1410 and CHEM1450). (C or better strongly recommended).

BIOL4111 Capstone Research I - 1 s.h.

Course covers the basic elements of scientific research (e.g., performing literature searches, developing research questions, designing experiments, and giving scientific presentations). The student will develop a scientific question and then write a research proposal in cooperation with a faculty mentor to answer that question. Prerequisite: BIOL2100, junior standing or consent of instructor.

BIOL4120 Capstone Research II (also CHEM4120) - 1-2 s.h.

The student conducts scientific research based on the research proposal developed in BIOL/CHEM4111. Prerequisite: BIOL/CHEM4111.

BIOL4130 Capstone Research III (also CHEM4130) - 1-2 s.h.

The student completes the research that was started in BIOL/CHEM4120. Highlights of the research will be presented orally and through a poster presentation. A final thesis

manuscript is required for submission. Prerequisite: BIOL/CHEM4120.

CHEM1410 General Chemistry I Workshop with Lab - 4 s.h.

General Chemistry I Workshop is appropriate for any student interested in developing a strong background in chemistry. It is intended to be the first university chemistry course for science majors. As such, it will be fairly rigorous and will draw upon previous experience in mathematics and science. Major areas to be covered include atomic and molecular structures, chemical bonding, stoichiometric relationships, and chemical reactions. Laboratory activities and experiments are closely related to concepts introduced in class discussions and will allow students to develop their laboratory skills. Good safety practices and experimental record keeping will be stressed. Students are expected to actively participate in class activities and discussions in addition to homework assignments, individual/group study and preparation for exams. Course is intended for biology, chemistry, and some allied health majors. Additional fee required. Fulfills liberal learning science course. Prerequisites: Two years high school algebra and one year geometry (plane trigonometry recommended) or 1 year of high school calculus or one higher-level college math course (college algebra (MATH1280) or college calculus (MATH1510)), and one year of high school chemistry or any college level chemistry course. EL06 Science, GE3D Liberal Learning-Natural Sciences.

CHEM1420 General Chemistry II Workshop with Lab - 4 s.h.

General Chemistry II Workshop is appropriate for any student interested in developing a strong background in chemistry. It is the continuation of CHEM1430. Students will gain a deeper understanding of basic chemical principles and will emphasize problem solving. It is fairly rigorous and will draw upon previous chemistry experience as well as mathematics and other science fields. Major areas to be covered include physical properties of solids, liquids, and solutions, intermolecular forces, energy changes in chemical reactions, thermodynamics, gas-phase equilibrium, and aqueous acid/base equilibrium. Laboratory activities and experiments are closely related to concepts introduced in class discussions and will allow students to develop their laboratory skills. Good safety practices and experimental record keeping will be stressed. Students are expected to actively participate in class activities and discussions in addition to homework assignments, individual/group study and preparation for exams. Prerequisite: CHEM1410.

CHEM1450 Introduction to Organic and Biochemistry (1-0) - 1 s.h.

An introduction to the principles of organic and biochemistry, including a study of chemical reactions (condensation and hydrolysis reactions), solution chemistry (hypotonic/hypertonic, isotonic solution), functional groups, organic molecule representation, introduction of biological molecules (proteins, lipids, carbohydrates and nucleic acids). This course is intended for students who need to help fulfill the chemistry requirement for fundamentals of cell biology and genetics course (BIOL2100). Pre or Corequisite: CHEM1410.

MATH1280 College Algebra - 3 s.h.

Solutions of polynomial, rational and radical equations, systems of equations, matrices, sequences, series, functions, exponentials.. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1370 Statistics for Sciences - 3 s.h.

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1500 Applied Calculus - 3 s.h.

An introduction to differential and integral calculus. Topics include limits, continuity, differentiation and integration techniques, and applications. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1510 Calculus I - 4 s.h.

Limits, continuity, differentiation, and applications including exponential, logarithmic, trigonometric, and inverse functions. Mean value theorem, curve sketching, Riemann sums, and the fundamental theorem of calculus. Prerequisite: 2 years high school algebra. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

General Biology Track

General Biology Track – 22-24 s.h. (plus Core Courses)

> **Choose six of the following courses with two courses in each of the three areas:**

Area 1:

BIOL3400 Ecology and Conservation Biology with Lab – 4 s.h.

BIOL3430 Animal Biology with Lab – 4 s.h.

BIOL3450 Plant Biology with Lab – 4 s.h.

Area 2:

BIOL2360 Microbiology with Lab – 4 s.h.

BIOL3310 Molecular Genetics with Lab – 4 s.h.

BIOL/CHEM4310 Biochemistry I with Lab – Biomolecules – 4 s.h.

BIOL/CHEM4311 Biochemistry II – Metabolism – 4 s.h.

BIOL4420 Bioinformatics – 3 s.h.

BIOL4460 Cell and Cancer Biology – 3 s.h.

Area 3:

BIOL3420 Human Anatomy with Lab – 4 s.h.

BIOL3440 Human Physiology with Lab – 4 s.h.

BIOL4400 Immunology – 3 s.h.

Courses Offered

BIOL2360 Microbiology with Lab

BIOL3310 Molecular Genetics with Lab

BIOL3400 Ecology and Conservation Biology with Lab

BIOL3420 Human Anatomy with Lab

BIOL3430 Animal Biology with Lab

BIOL3440 Human Physiology with Lab

BIOL3450 Plant Biology with Lab

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310)

BIOL4311 Biochemistry II – Metabolism (also CHEM4311)

BIOL4400 Immunology

BIOL4420 Bioinformatics

BIOL4460 Cell and Cancer Biology

CHEM4311 Biochemistry II – Metabolism (also BIOL4311)

Course Descriptions

BIOL2360 Microbiology with Lab - 4 s.h.

Students will learn about immunology, bacteriology, mycology, and virology. Emphasis will be placed on the cellular mechanism and role of microbial pathogens (bacteria) and agents (viruses, prions) affecting human health and how they are treated. Additional fee required. Prerequisite: BIOL2100 or instructor's consent.

BIOL3310 Molecular Genetics with Lab - 4 s.h.

A study of cellular processes involved in the Central Dogma: DNA replication, transcription and translation. The study will include how gene expression is regulated at various levels, such as at the transcription level and post-translational level. Lastly students will study and perform different molecular genetic techniques used in laboratories today: pipetting, DNA gel electrophoresis, PCR and DNA cloning. Additional fee required. Prerequisite: BIOL2100 (C or better strongly recommended). +This course is only offered every other year.

BIOL3400 Ecology and Conservation Biology with Lab - 4 s.h.

A study of how organisms interact with one another and with their physical environments at the physiological, population, community, and ecosystem levels. Case studies will use ecological concepts to develop conservation strategies for species, habitats, and ecosystems. Prerequisite: BIOL/CHEM1200, BIOL1500, BIOL1520 or instructor's consent. Additional fee required. EL06 Science - World Citizenship, ELO6 Science - Sustainability +This course is only offered every other year.

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3430 Animal Biology with Lab - 4 s.h.

A survey of the major groups in the animal kingdom, including sponges, cnidarians, molluscs, arthropods, echinoderms, vertebrates, etc. Within each group, taxonomy, internal and external form, reproduction, nutrition, and habitat will be considered. Prerequisite: BIOL1500 or BIOL1520 or instructor's consent. +This course is only offered every other year.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

BIOL3450 Plant Biology with Lab - 4 s.h.

A survey of the major groups in the plant kingdom, including nonvascular plants, ferns and fern allies, gymnosperms, and angiosperms. Within each group, taxonomy, internal and external form, and reproductive life cycles will be considered. In addition, plant growth and metabolism, algae, and fungi will be covered. Prerequisite: BIOL1500 or BIOL1520 or instructor's consent. +This course is only offered every other year.

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310) - 4 s.h.

An examination of the structure and function of biomolecules: proteins, lipids, carbohydrates and nucleic acids. The chemical and physical properties and their relationship to organ systems and laboratory techniques used to study and characterize the biomolecules. Prerequisite: CHEM3420/3421 and BIOL2100. +This course is only offered every other year.

BIOL4311 Biochemistry II – Metabolism (also CHEM4311) - 3 s.h.

An introduction to anabolic and catabolic metabolic pathways found in the cell. The synthesis and catalysis of the biomolecules will be discussed in relationship to the organ systems. Prerequisite: CHEM/BIOL4310. +This course is only offered every other year.

BIOL4400 Immunology - 3 s.h.

Investigation of the innate and adaptive immune system, including inflammation, B and T cell development and function, immunization and its role in human health. Prerequisites: BIOL2100 and BIOL2360 (grade of C or better strongly recommended). +This course is only offered every other year.

BIOL4420 Bioinformatics - 3 s.h.
This course is designed to introduce future biologists, computer and data scientists to a study of collection and storage of biological data using computational tools for analysis, leading to applications in medicine, agriculture, biomedical, and life sciences. The course will discuss several aspects of theoretical background and a working knowledge of the techniques used to generate biological data. Emphasis will be placed on biological sequence (DNA, RNA), data analysis, and applications in modern Biology. Prerequisites: CHEM3410 Organic Chemistry I and (BIOL2360 Microbiology with Lab or BIOL3310 Molecular Genetics with Lab or BIOL/CHEM4310 Biochemistry 1 with Lab-Biomolecules.)

BIOL4460 Cell and Cancer Biology - 3 s.h.
Students will investigate the cellular mechanisms of cancer and then will learn about a few specific cancers. Includes an in-depth study of the multistage model of carcinogenesis, genes involved in cancer, activation of cancer genes, signal transduction pathways that promote carcinogenesis, the mechanism of metastasis, apoptosis, how cancer treatments work, and the new potential cancer treatments. Prerequisite: BIOL2100 (grade of C or better strongly recommended). +This course is only offered every other year.

CHEM4311 Biochemistry II – Metabolism (also BIOL4311) - 3 s.h.
An introduction to anabolic and catabolic metabolic pathways found in the cell. The synthesis and catalysis of the biomolecules will be discussed in relationship to the organ systems. Prerequisite: CHEM/BIOL4310. +This course is only offered every other year.

Molecular and Biotechnology Track

Molecular and Biotechnology Track 30-31 s.h. (plus Core Courses)

BIOL2360 Microbiology with Lab – 4 s.h.

BIOL3310 Molecular Genetics with Lab – 4 s.h.

BIOL/CHEM4310 Biochemistry I with Lab – Biomolecules – 4 s.h.

BIOL4420 Bioinformatics – 3 s.h.

CHEM3410 Organic Chemistry I – 3 s.h. and
CHEM3411 Organic Chemistry I Lab – 1 s.h.

PHYS1410 Elements of Physics I with Lab – 4 s.h.

PHYS1420 Elements of Physics II with Lab – 4 s.h.

3-4 credits

BIOL3440 Human Physiology with Lab – 4 s.h.

BIOL4400 Immunology – 3 s.h.

BIOL4460 Cell and Cancer Biology – 3 s.h.

Courses Offered

BIOL2360 Microbiology with Lab

BIOL3310 Molecular Genetics with Lab

BIOL3440 Human Physiology with Lab

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310)

BIOL4400 Immunology

BIOL4420 Bioinformatics

BIOL4460 Cell and Cancer Biology

CHEM3410 Organic Chemistry I (3-0)

CHEM3411 Organic Chemistry I Lab (0-3)

CHEM4310 Biochemistry I with Lab – Biomolecules (also BIOL4310)

PHYS1410 Elements of Physics I with Lab

PHYS1420 Elements of Physics II with Lab

Course Descriptions

BIOL2360 Microbiology with Lab - 4 s.h.

Students will learn about immunology, bacteriology, mycology, and virology. Emphasis will be placed on the cellular mechanism and role of microbial pathogens (bacteria) and agents (viruses, prions) affecting human health and how they are treated. Additional fee required. Prerequisite: BIOL2100 or instructor's consent.

BIOL3310 Molecular Genetics with Lab - 4 s.h.

A study of cellular processes involved in the Central Dogma: DNA replication, transcription and translation. The study will include how gene expression is regulated at various levels, such as at the transcription level and post-translational level. Lastly students will study and perform different molecular genetic techniques used in laboratories today: pipetting, DNA gel electrophoresis, PCR and DNA cloning. Additional fee required. Prerequisite: BIOL2100 (C or better strongly recommended). +This course is only offered every other year.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310) - 4 s.h.

An examination of the structure and function of biomolecules: proteins, lipids, carbohydrates and nucleic acids. The chemical and physical properties and their relationship to organ systems and laboratory techniques used to study and characterize the biomolecules. Prerequisite: CHEM3420/3421 and BIOL2100. +This course is only offered every other year.

BIOL4400 Immunology - 3 s.h.

Investigation of the innate and adaptive immune system, including inflammation, B and T cell development and function, immunization and its role in human health. Prerequisites: BIOL2100 and BIOL2360 (grade of C or better strongly recommended). +This course is only offered every other year.

BIOL4420 Bioinformatics - 3 s.h.

This course is designed to introduce future biologists, computer and data scientists to a study of collection and storage of biological data using computational tools for analysis, leading to applications in medicine, agriculture, biomedical, and life sciences. The course will discuss several aspects of theoretical background and a working knowledge of the techniques used to generate biological data. Emphasis will be placed on biological sequence (DNA, RNA), data analysis, and applications in modern Biology. Prerequisites: CHEM3410 Organic Chemistry I and (BIOL2360 Microbiology with Lab or BIOL3310 Molecular Genetics with Lab or BIOL/CHEM4310 Biochemistry 1 with Lab-Biomolecules.)

BIOL4460 Cell and Cancer Biology - 3 s.h.
Students will investigate the cellular mechanisms of cancer and then will learn about a few specific cancers. Includes an in-depth study of the multistage model of carcinogenesis, genes involved in cancer, activation of cancer genes, signal transduction pathways that promote carcinogenesis, the mechanism of metastasis, apoptosis, how cancer treatments work, and the new potential cancer treatments. Prerequisite: BIOL2100 (grade of C or better strongly recommended). +This course is only offered every other year.

CHEM3410 Organic Chemistry I (3-0) - 3 s.h.
An in-depth study of modern organic chemistry including nomenclature, structure and bonding, synthesis, reaction mechanisms, and important functional groups and families of both aliphatic and aromatic compounds. Prerequisite: CHEM1420. Corequisite: CHEM3411 Organic Chemistry I Lab.

CHEM3411 Organic Chemistry I Lab (0-3) - 1 s.h.
Additional fee required. Corequisite: CHEM3410 Organic Chemistry I.

CHEM4310 Biochemistry I with Lab – Biomolecules (also BIOL4310) - 4 s.h.
An examination of the structure and function of biomolecules: proteins, lipids, carbohydrates and nucleic acids. The chemical and physical properties and their relationship to organ systems and laboratory techniques used to study and characterize the biomolecules. Prerequisite: CHEM3420/3421 and BIOL2100. +This course is only offered every other year.

PHYS1410 Elements of Physics I with Lab - 4 s.h.
An elementary physics course emphasizing the fundamental concepts associated with the physical universe. Topics include Newtonian mechanics, fluids, heat thermodynamics, wave motion, and sound. Designed to meet the needs of biology majors and students preparing for the medical profession and related fields. Prerequisites: Two years high school algebra and one year geometry (plane trigonometry recommended) or one year of high school calculus or one higher-level college math course (college algebra (MATH1280) or college calculus (MATH1510)).

PHYS1420 Elements of Physics II with Lab - 4 s.h.
A continuation of PHYS1410. Topics included are electricity, magnetism, electromagnetic waves, light, relativity, quantum mechanics, and nuclear physics. Prerequisite: PHYS1410.

Human Biology and Disease Track

Human Biology and Disease Track 34 s.h. (plus Core Courses)

- BIOL2360 Microbiology with Lab – 4 s.h.
- BIOL3420 Human Anatomy with Lab – 4 s.h.
- BIOL3440 Human Physiology with La – 4 s.h.
- BIOL4400 Immunology – 3 s.h.
- BIOL4460 Cell and Cancer Biology – 3 s.h.
- CHEM3410 Organic Chemistry I – 3 s.h. and
  CHEM3411 Organic Chemistry I Lab – 1 s.h.
- CHEM3420 Organic Chemistry II – 3 s.h. and
  CHEM3421 Organic Chemistry II Lab – 1 s.h.
- PHYS1410 Elements of Physics I with Lab – 4 s.h.
- PHYS1420 Elements of Physics II with Lab – 4 s.h.

Courses Offered

BIOL2360 Microbiology with Lab

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

BIOL4400 Immunology

BIOL4460 Cell and Cancer Biology

CHEM3410 Organic Chemistry I (3-0)

CHEM3411 Organic Chemistry I Lab (0-3)

CHEM3420 Organic Chemistry II (3-0)

CHEM3421 Organic Chemistry II Lab (0-3)

PHYS1410 Elements of Physics I with Lab

PHYS1420 Elements of Physics II with Lab

Course Descriptions

BIOL2360 Microbiology with Lab - 4 s.h.

Students will learn about immunology, bacteriology, mycology, and virology. Emphasis will be placed on the cellular mechanism and role of microbial pathogens (bacteria) and agents (viruses, prions) affecting human health and how they are treated. Additional fee required. Prerequisite: BIOL2100 or instructor's consent.

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

BIOL4400 Immunology - 3 s.h.

Investigation of the innate and adaptive immune system, including inflammation, B and T cell development and function, immunization and its role in human health. Prerequisites: BIOL2100 and BIOL2360 (grade of C or better strongly recommended). +This course is only offered every other year.

BIOL4460 Cell and Cancer Biology - 3 s.h.

Students will investigate the cellular mechanisms of cancer and then will learn about a few specific cancers. Includes an in-depth study of the multistage model of carcinogenesis, genes involved in cancer, activation of cancer genes, signal transduction pathways that promote carcinogenesis, the mechanism of metastasis, apoptosis, how cancer treatments work, and the new potential cancer treatments. Prerequisite: BIOL2100 (grade of C or better strongly recommended). +This course is only offered every other year.

CHEM3410 Organic Chemistry I (3-0) - 3 s.h.

An in-depth study of modern organic chemistry including nomenclature, structure and bonding, synthesis, reaction mechanisms, and important functional groups and families of both aliphatic and aromatic compounds. Prerequisite: CHEM1420. Corequisite: CHEM3411 Organic Chemistry I Lab.

CHEM3411 Organic Chemistry I Lab (0-3) - 1 s.h.
Additional fee required. Corequisite: CHEM3410 Organic Chemistry I.

CHEM3420 Organic Chemistry II (3-0) - 3 s.h.
A continuation of CHEM3410 which is a prerequisite. With a grade of C or better is strongly recommended. Corequisite: CHEM3421 Organic Chemistry II Lab.

CHEM3421 Organic Chemistry II Lab (0-3) - 1 s.h.
Additional fee required. Corequisite: CHEM3420 Organic Chemistry II.

PHYS1410 Elements of Physics I with Lab - 4 s.h.
An elementary physics course emphasizing the fundamental concepts associated with the physical universe. Topics include Newtonian mechanics, fluids, heat thermodynamics, wave motion, and sound. Designed to meet the needs of biology majors and students preparing for the medical profession and related fields. Prerequisites: Two years high school algebra and one year geometry (plane trigonometry recommended) or one year of high school calculus or one higher-level college math course (college algebra (MATH1280) or college calculus (MATH1510)).

PHYS1420 Elements of Physics II with Lab - 4 s.h.
A continuation of PHYS1410. Topics included are electricity, magnetism, electromagnetic waves, light, relativity, quantum mechanics, and nuclear physics. Prerequisite: PHYS1410.

Biology Minor

A minor in Biology **consists of 18 semester hours** or more, including: BIOL1500, BIOL1520, BIOL2100 and BIOL electives.

Courses Offered

BIOL1500 Biology I with Lab

BIOL1520 Biology II with Lab

BIOL2100 Cell Biology and Genetics with Lab

Course Descriptions

BIOL1500 Biology I with Lab - 4 s.h.

A study of the diversity of life (prokaryotes, protists, fungi, plants, and animals), focusing on the key characteristics of life, the evolutionary processes that shape life, and the ecological interactions among organisms and their physical environments. Includes a lab. Additional fee required.

BIOL1520 Biology II with Lab - 4 s.h.
A comparative study of form and function across organisms, focusing on the various structures and strategies used by plants and animals to fulfill basic life needs, levels of organization (cells, tissues, organs, and organ systems), and the chemical reactions of metabolism. Includes a lab. Additional fee required.

BIOL2100 Cell Biology and Genetics with Lab - 4 s.h.
A study of the various patterns and mechanisms of heredity, changes in the genetic material and the consequences of these genetic changes. The course will also give an introduction to cellular structures, macromolecules, and processes, including DNA replication, transcription, translation and cellular signaling. Additional fee required. Prerequisite: CHEM1330, CHEM3410, or (CHEM1410 and CHEM1450). (C or better strongly recommended).

Data Analytics for Environmental Science Certificate

Students wishing to earn the Data Analytics for Environmental Science certificate must complete the following 20-21 credit hours with Graceland University.

BIOL/CHEM1200 Environmental Science with Lab – 4 s.h.

BIOL3400 Ecology and Conservation Biology with Lab – 4 s.h.

Choose one of the following: CHEM3300 Analytical Chemistry with Lab – 4 s.h. **or** CSIT2110/SUST2100 Introduction to Geographic Information Sciences – 3 s.h.

CSIT1100 Principles of Computing (Python Programming) – 3 s.h.

DSCI1500 Principles of Data Science and Analytics – 3 s.h.

DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

Courses Offered

BIOL1200 Environmental Science with Lab (also CHEM1200)

BIOL3400 Ecology and Conservation Biology with Lab

CHEM1200 Environmental Science with Lab (also BIOL1200)

CHEM3300 Analytical Chemistry with Lab

CSIT1100 Principles of Computing (Python Programming)

CSIT2110 Introduction to Geographic Information Sciences (also SUST2100)

DSCI1500 Principles of Data Science and Analytics

DSCI4700 Capstone for Data Analytics Certificates

SUST2100 Introduction to Geographic Information Sciences (also CSIT2110)

Course Descriptions

BIOL1200 Environmental Science with Lab (also CHEM1200) - 4 s.h.

An exploration of the biotic and abiotic components of the environment, including the biological, physical, and chemical processes that shape natural ecosystems (e.g., biogeochemical cycles). The course will also examine the impact of human population growth, resource use, emissions production, and technological innovations on the environment. Current environmental issues, such as loss of biodiversity, ecosystem degradation, air and water pollution, and climate change, will be considered. Additional fee required. ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences

BIOL3400 Ecology and Conservation Biology with Lab - 4 s.h.

A study of how organisms interact with one another and with their physical environments at the physiological, population, community, and ecosystem levels. Case studies will use ecological concepts to develop conservation strategies for species, habitats, and ecosystems. Prerequisite: BIOL/CHEM1200, BIOL1500, BIOL1520 or instructor's consent. Additional fee required. EL06 Science - World Citizenship, ELO6 Science - Sustainability +This course is only offered every other year.

CHEM1200 Environmental Science with Lab (also BIOL1200) - 4 s.h.

An exploration of the biotic and abiotic components of the environment, including the biological, physical, and chemical processes that shape natural ecosystems (e.g., biogeochemical

cycles). The course will also examine the impact of human population growth, resource use, emissions production, and technological innovations on the environment. Current environmental issues, such as loss of biodiversity, ecosystem degradation, air and water pollution, and climate change, will be considered. Additional fee required. ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences.

CHEM3300 Analytical Chemistry with Lab - 4 s.h.

Study of theory and practice of modern separation and analytical techniques. Includes use of electrochemical, spectrometric and chromatographic instruments. Additional fee required. Prerequisite: CHEM1420. Offered odd years Spring.

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

CSIT2110 Introduction to Geographic Information Sciences (also SUST2100) - 3 s.h.

Students will learn theoretical and practical foundations related to geographic information systems and spatial analysis. Emphasis on teaching students to integrate and analyze spatial information from various sources. Includes a weekly laboratory section. Prerequisite: MATH1380.

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

SUST2100 Introduction to Geographic Information Sciences (also CSIT2110) - 3 s.h.
Students will learn theoretical and practical foundations related to geographic information systems and spatial analysis. Emphasis on teaching students to integrate and analyze spatial information from various sources. Includes a weekly laboratory section. Prerequisite: MATH1370.

Teacher Certification in Biology

1. FOR BIOLOGY MAJORS WHO WANT A SECONDARY ENDORSEMENT (5-12): Students majoring in Biology who desire Iowa Teacher Certification with a Biology secondary endorsement must complete the major requirements above and the Secondary Education Program (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sec-educ-pro/) (with SCIE3360 Methods of Teaching Science and Mathematics as the appropriate methods course).
2. **OPTION 1**: FOR NON-BIOLOGY MAJORS WHO WANT A SECONDARY BIOLOGY ENDORSEMENT (5-12). Non-Biology majors desiring a secondary Biology endorsement (5-12) in Iowa must complete a major in a secondary teaching field, the Secondary Education Program (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sec-educ-pro/) (with SCIE3360 Methods of Teaching Science and Mathematics as the appropriate methods course), and 24 semester hours in Biology including the following courses:
   BIOL1500 Biology I with Lab – 4 s.h.
   BIOL1520 Biology II with Lab – 4 s.h.
   At least 16 additional semester hours in BIOL from the following courses:
   BIOL/CHEM1200 Environmental Science with Lab – 4 s.h.
   BIOL2300 Anatomy and Physiology I with Lab – 3 s.h.
   BIOL3400 Ecology and Conservation Biology with Lab – 4 s.h.
   BIOL3430 Animal Biology with Lab – 4 s.h.
   BIOL3450 Plant Biology with Lab – 4 s.h.
   OPTION 2: FOR NON-BIOLOGY MAJORS WHO WANT A SECONDARY BIOLOGY ENDORSEMENT (5-12). Non-Biology majors desiring a secondary Biology endorsement (5-12) in Iowa must complete a major in a secondary teaching field, the Secondary Education Program (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sec-educ-pro/) (with SCIE3360 Methods of

Teaching Science and Mathematics as the appropriate methods course), and 30 semester hours in the broad area of Science (BIOL, CHEM, SCIE) to include the following 15 semester hours in Biology:

BIOL1500 Biology I with Lab – 4 s.h.

BIOL1520 Biology II with Lab – 4 s.h.

BIOL2100 Cellular Biology and Genetics with Lab – 4 s.h.

(Please note that there are prerequisites for this class that include one of the following 3 options: 1. CHEM1330 4 s.h., 2. CHEM1410 4 s.h. plus CHEN1450 1 s.h. or 3. CHEM3410/3411 4 s.h. (has the prerequisites of CHEM1410 and CHEM1420)

At least 3 additional semester hours in BIOL

Courses Offered

BIOL1500 Biology I with Lab

BIOL1520 Biology II with Lab

BIOL2100 Cell Biology and Genetics with Lab

BIOL2360 Microbiology with Lab

BIOL3400 Ecology and Conservation Biology with Lab

BIOL3420 Human Anatomy with Lab

BIOL3430 Animal Biology with Lab

BIOL3440 Human Physiology with Lab

BIOL3450 Plant Biology with Lab

SCIE3360 Methods of Teaching Science and Mathematics

(also MATH3360)

Course Descriptions

BIOL1500 Biology I with Lab - 4 s.h.

A study of the diversity of life (prokaryotes, protists, fungi, plants, and animals), focusing on the key characteristics of life, the evolutionary processes that shape life, and the ecological interactions among organisms and their physical environments. Includes a lab. Additional fee required.

BIOL1520 Biology II with Lab - 4 s.h.

A comparative study of form and function across organisms, focusing on the various structures and strategies used by plants and animals to fulfill basic life needs, levels of

organization (cells, tissues, organs, and organ systems), and the chemical reactions of metabolism. Includes a lab. Additional fee required.

BIOL2100 Cell Biology and Genetics with Lab - 4 s.h.

A study of the various patterns and mechanisms of heredity, changes in the genetic material and the consequences of these genetic changes. The course will also give an introduction to cellular structures, macromolecules, and processes, including DNA replication, transcription, translation and cellular signaling. Additional fee required. Prerequisite: CHEM1330, CHEM3410, or (CHEM1410 and CHEM1450). (C or better strongly recommended).

BIOL2360 Microbiology with Lab - 4 s.h.

Students will learn about immunology, bacteriology, mycology, and virology. Emphasis will be placed on the cellular mechanism and role of microbial pathogens (bacteria) and agents (viruses, prions) affecting human health and how they are treated. Additional fee required. Prerequisite: BIOL2100 or instructor's consent.

BIOL3400 Ecology and Conservation Biology with Lab - 4 s.h.

A study of how organisms interact with one another and with their physical environments at the physiological, population, community, and ecosystem levels. Case studies will use ecological concepts to develop conservation strategies for species, habitats, and ecosystems. Prerequisite: BIOL/CHEM1200, BIOL1500, BIOL1520 or instructor's consent. Additional fee required. EL06 Science - World Citizenship, ELO6 Science - Sustainability +This course is only offered every other year.

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3430 Animal Biology with Lab - 4 s.h.

A survey of the major groups in the animal kingdom, including sponges, cnidarians, molluscs, arthropods, echinoderms, vertebrates, etc. Within each group, taxonomy, internal and external form, reproduction, nutrition, and habitat will be considered. Prerequisite: BIOL1500 or BIOL1520 or instructor's consent. +This course is only offered every other year.

BIOL3440 Human Physiology with Lab - 4 s.h.
A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

BIOL3450 Plant Biology with Lab - 4 s.h.
A survey of the major groups in the plant kingdom, including nonvascular plants, ferns and fern allies, gymnosperms, and angiosperms. Within each group, taxonomy, internal and external form, and reproductive life cycles will be considered. In addition, plant growth and metabolism, algae, and fungi will be covered. Prerequisite: BIOL1500 or BIOL1520 or instructor's consent. +This course is only offered every other year.

SCIE3360 Methods of Teaching Science and Mathematics (also MATH3360) - 3 s.h.
A study of the objectives, methods, techniques, materials, and activities related to teaching science and mathematics in the secondary schools. Prerequisite: 20 hours in science or mathematics and Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program.

Course list - Biology

Courses Offered

BIOL1200 Environmental Science with Lab (also CHEM1200)

BIOL1500 Biology I with Lab

BIOL1520 Biology II with Lab

BIOL2000 Individual Study

BIOL2100 Cell Biology and Genetics with Lab

BIOL2300 Anatomy and Physiology I with Lab (3-2)

BIOL2310 Anatomy and Physiology II (2-2)

BIOL2350 Introduction to Microbiology

BIOL2360 Microbiology with Lab

BIOL2580 Drug Development and Society with Lab

BIOL2900 Special Topics

BIOL3000 Individual Study

BIOL3120 Internship in Biological Sciences

BIOL3310 Molecular Genetics with Lab

BIOL3400 Ecology and Conservation Biology with Lab

BIOL3420 Human Anatomy with Lab

BIOL3430 Animal Biology with Lab

BIOL3440 Human Physiology with Lab

BIOL3450 Plant Biology with Lab

BIOL3900 Special Topics

BIOL4111 Capstone Research I

BIOL4120 Capstone Research II (also CHEM4120)

BIOL4130 Capstone Research III (also CHEM4130)

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310)

BIOL4311 Biochemistry II – Metabolism (also CHEM4311)

BIOL4400 Immunology

BIOL4420 Bioinformatics

BIOL4460 Cell and Cancer Biology

BIOL4900 Special Topics

Course Descriptions

BIOL1200 Environmental Science with Lab (also CHEM1200) - 4 s.h.

An exploration of the biotic and abiotic components of the environment, including the biological, physical, and chemical processes that shape natural ecosystems (e.g., biogeochemical cycles). The course will also examine the impact of human population growth, resource use, emissions production, and

technological innovations on the environment. Current environmental issues, such as loss of biodiversity, ecosystem degradation, air and water pollution, and climate change, will be considered. Additional fee required. ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences

BIOL1500 Biology I with Lab - 4 s.h.

A study of the diversity of life (prokaryotes, protists, fungi, plants, and animals), focusing on the key characteristics of life, the evolutionary processes that shape life, and the ecological interactions among organisms and their physical environments. Includes a lab. Additional fee required.

BIOL1520 Biology II with Lab - 4 s.h.

A comparative study of form and function across organisms, focusing on the various structures and strategies used by plants and animals to fulfill basic life needs, levels of organization (cells, tissues, organs, and organ systems), and the chemical reactions of metabolism. Includes a lab. Additional fee required.

BIOL2000 Individual Study - 1-3 s.h.

BIOL2100 Cell Biology and Genetics with Lab - 4 s.h.

A study of the various patterns and mechanisms of heredity, changes in the genetic material and the consequences of these genetic changes. The course will also give an introduction to cellular structures, macromolecules, and processes, including DNA replication, transcription, translation and cellular signaling. Additional fee required. Prerequisite: CHEM1330, CHEM3410, or (CHEM1410 and CHEM1450). (C or better strongly recommended).

BIOL2300 Anatomy and Physiology I with Lab (3-2) - 4 s.h.

The study of structure and function of the human body. Topics will include: cells and homeostasis, muscles, bones, respiratory, nervous and cardiovascular. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) GE3D Liberal Learning-Natural Sciences

BIOL2310 Anatomy and Physiology II (2-2) - 3 s.h.

The study of structure and function of the human body. Topics will include: endocrine, digestive, excretory, reproductive, skin, lymphatic system, and blood. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.)

BIOL2350 Introduction to Microbiology - 4 s.h.

Students will learn about immunology, bacteriology, mycology, and virology. Emphasis will be placed on the cellular mechanisms and role of microbial pathogens (bacteria) and agents (viruses, prions) affecting human health and how they are treated. Credit is not allowed for this course and BIOL2360. Prerequisites: CHEM1330 or BIOL2100 or instructors consent or enrollment in the RN to BSN program.

BIOL2360 Microbiology with Lab - 4 s.h.

Students will learn about immunology, bacteriology, mycology, and virology. Emphasis will be placed on the cellular mechanism and role of microbial pathogens (bacteria) and agents (viruses, prions) affecting human health and how they are treated. Additional fee required. Prerequisite: BIOL2100 or instructor's consent.

BIOL2580 Drug Development and Society with Lab - 4 s.h.

This course will offer students the experience of critically reviewing scientific questions using scientific method that applies to the discovery and development of medicines. The course will explore science of drug discovery, development, and federal regulation of drugs. Additional fee required. ELO6 Science - Innovation.

BIOL2900 Special Topics - 1-3 s.h.

Study of selected topics of general interest in biology, to be announced prior to the semester when the course is offered. May be repeated for credit as topics change.

BIOL3000 Individual Study - 1-3 s.h.

BIOL3120 Internship in Biological Sciences - 1-3 s.h.

Developed in conjunction with and approved by an appropriate faculty member in the Biological Sciences. This internship will be with professionals who are in career areas relating to majors in the department and may be pursued abroad. The student is responsible for arranging their internship. May be repeated for a maximum of 9 semester hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor’s consent.

BIOL3310 Molecular Genetics with Lab - 4 s.h.

A study of cellular processes involved in the Central Dogma: DNA replication, transcription and translation. The study will include how gene expression is regulated at various levels, such as at the transcription level and post-translational level. Lastly students will study and perform different molecular genetic techniques used in laboratories today: pipetting, DNA

gel electrophoresis, PCR and DNA cloning. Additional fee required. Prerequisite: BIOL2100 (C or better strongly recommended). +This course is only offered every other year.

BIOL3400 Ecology and Conservation Biology with Lab - 4 s.h.

A study of how organisms interact with one another and with their physical environments at the physiological, population, community, and ecosystem levels. Case studies will use ecological concepts to develop conservation strategies for species, habitats, and ecosystems. Prerequisite: BIOL/CHEM1200, BIOL1500, BIOL1520 or instructor's consent. Additional fee required. EL06 Science - World Citizenship, ELO6 Science - Sustainability +This course is only offered every other year.

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3430 Animal Biology with Lab - 4 s.h.

A survey of the major groups in the animal kingdom, including sponges, cnidarians, molluscs, arthropods, echinoderms, vertebrates, etc. Within each group, taxonomy, internal and external form, reproduction, nutrition, and habitat will be considered. Prerequisite: BIOL1500 or BIOL1520 or instructor's consent. +This course is only offered every other year.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

BIOL3450 Plant Biology with Lab - 4 s.h.

A survey of the major groups in the plant kingdom, including nonvascular plants, ferns and fern allies, gymnosperms, and angiosperms. Within each group, taxonomy, internal and external form, and reproductive life cycles will be considered. In addition, plant growth and metabolism, algae, and fungi will be covered. Prerequisite: BIOL1500 or BIOL1520 or instructor's consent. +This course is only offered every other year.

BIOL3900 Special Topics - 1-3 s.h.

BIOL4111 Capstone Research I - 1 s.h.

Course covers the basic elements of scientific research (e.g., performing literature searches, developing research questions, designing experiments, and giving scientific presentations). The student will develop a scientific question and then write a research proposal in cooperation with a faculty mentor to answer that question. Prerequisite: BIOL2100, junior standing or consent of instructor.

BIOL4120 Capstone Research II (also CHEM4120) - 1-2 s.h.

The student conducts scientific research based on the research proposal developed in BIOL/CHEM4111. Prerequisite: BIOL/CHEM4111.

BIOL4130 Capstone Research III (also CHEM4130) - 1-2 s.h.

The student completes the research that was started in BIOL/CHEM4120. Highlights of the research will be presented orally and through a poster presentation. A final thesis manuscript is required for submission. Prerequisite: BIOL/CHEM4120.

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310) - 4 s.h.

An examination of the structure and function of biomolecules: proteins, lipids, carbohydrates and nucleic acids. The chemical and physical properties and their relationship to organ systems and laboratory techniques used to study and characterize the biomolecules. Prerequisite: CHEM3420/3421 and BIOL2100. +This course is only offered every other year.

BIOL4311 Biochemistry II – Metabolism (also CHEM4311) - 3 s.h.

An introduction to anabolic and catabolic metabolic pathways found in the cell. The synthesis and catalysis of the biomolecules will be discussed in relationship to the organ systems. Prerequisite: CHEM/BIOL4310. +This course is only offered every other year.

BIOL4400 Immunology - 3 s.h.

Investigation of the innate and adaptive immune system, including inflammation, B and T cell development and function, immunization and its role in human health. Prerequisites: BIOL2100 and BIOL2360 (grade of C or better strongly recommended). +This course is only offered every other year.

BIOL4420 Bioinformatics - 3 s.h.

This course is designed to introduce future biologists, computer and data scientists to a study of collection and storage of biological data using computational tools for analysis, leading to applications in medicine, agriculture, biomedical, and life sciences. The course will discuss several aspects of theoretical background and a working knowledge of the techniques used to generate biological data. Emphasis will be placed on biological sequence (DNA, RNA), data analysis, and applications in modern Biology. Prerequisites: CHEM3410 Organic Chemistry I and (BIOL2360 Microbiology with Lab or BIOL3310 Molecular Genetics with Lab or BIOL/CHEM4310 Biochemistry 1 with Lab-Biomolecules.)

BIOL4460 Cell and Cancer Biology - 3 s.h.

Students will investigate the cellular mechanisms of cancer and then will learn about a few specific cancers. Includes an in-depth study of the multistage model of carcinogenesis, genes involved in cancer, activation of cancer genes, signal transduction pathways that promote carcinogenesis, the mechanism of metastasis, apoptosis, how cancer treatments work, and the new potential cancer treatments. Prerequisite: BIOL2100 (grade of C or better strongly recommended). +This course is only offered every other year.

BIOL4900 Special Topics - 1-3 s.h.

Opportunity for a small group of advanced students to pursue in-depth study of an area or topic of interest. Will be offered on demand when faculty are available.

Chemistry Degree



BS Degree - Chemistry Major

In addition to the general education requirements, students majoring in Chemistry must complete at least one concentration with semester hours in Chemistry and related sciences (51 semester hours for the General Chemistry concentration, 54-55 semester hours for the Biochemistry concentration, or 56 semester hours for the Analytical Chemistry concentration):

Core Courses (required for all three concentrations) – 31 s.h. with 11 s.h general education*

- CHEM1410 General Chemistry I Workshop with Lab* – 4 s.h.

CHEM1420 General Chemistry II Workshop with Lab – 4 s.h.

CHEM3300 Analytical Chemistry with Lab – 4 s.h.

CHEM3410 Organic Chemistry I – 3 s.h.

CHEM3411 Organic Chemistry I Lab – 1 s.h.

CHEM3610 Physical Chemistry I with Lab – 4 s.h.

BIOL/CHEM4111 Capstone Research I – 1 s.h.

BIOL/CHEM4120 Capstone Research II – 1-2 s.h.

BIOL/CHEM4130 Capstone Research III – 1-2 s.h.

MATH1370 Statistics for Sciences* – 3 s.h.

MATH1510 Calculus I* – 4 s.h.

MATH1520 Calculus II – 4 s.h.

PHYS1410 Elements of Physics I with Lab – 4 s.h.

PHYS1420 Elements of Physics II with Lab – 4 s.h.

General Chemistry Concentration (plus core courses) – 20 s.h.

BIOL2100 Cell Biology and Genetics with Lab – 4 s.h.

CHEM3420 Organic Chemistry II – 3 s.h.

CHEM3421 Organic Chemistry II Lab – 1 s.h.

CHEM3620 Physical Chemistry II with Lab – 4 s.h.

BIOL/CHEM4310 Biochemistry I with Lab – Biomolecules – 4 s.h.

CHEM4330 Instrumental Analysis with Lab – 4 s.h.

Biochemistry Concentration (plus core courses) – 23-24 s.h.

BIOL2100 Cell Biology and Genetics with Lab – 4 s.h.

BIOL3310 Molecular Genetics with Lab – 4 s.h.

CHEM1450 Intro to Organic and Biochemistry – 1 s.h.

BIOL/CHEM4310 Biochemistry I with Lab – Biomolecules – 4 s.h.

CHEM4311 Biochemistry II – Metabolism – 3 s.h.

Two of the following courses 7-8 s.h.

- CHEM3420 Organic Chemistry II – 3 s.h.
- CHEM3620 Physical Chemistry II with Lab – 4 s.h.
- CHEM4330 Instrumental Analysis with Lab – 4 s.h.

Chemistry Analytics Concentration (plus core courses) 25 s.h.

- CHEM3420 Organic Chemistry II – 3 s.h.
- CHEM3421 Organic Chemistry II Lab – 1 s.h.
- CHEM3620 Physical Chemistry II with Lab – 4 s.h.
- CHEM4330 Instrumental Analysis with Lab – 4 s.h.
- DSCI1500 Principles of Data Science and Analytics – 3 s.h.
- DSCI4320 Applied AI and Data Science Capstone – 3 s.h.
- MATH4350 Probability and Advanced Statistics – 3 s.h.

Courses Offered

BIOL2100 Cell Biology and Genetics with Lab

BIOL3310 Molecular Genetics with Lab

BIOL4111 Capstone Research I

BIOL4120 Capstone Research II (also CHEM4120)

BIOL4130 Capstone Research III (also CHEM4130)

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310)

CHEM1410 General Chemistry I Workshop with Lab

CHEM1420 General Chemistry II Workshop with Lab

CHEM1450 Introduction to Organic and Biochemistry (1-0)

CHEM3300 Analytical Chemistry with Lab

CHEM3410 Organic Chemistry I (3-0)

CHEM3411 Organic Chemistry I Lab (0-3)

CHEM3420 Organic Chemistry II (3-0)

CHEM3421 Organic Chemistry II Lab (0-3)

CHEM3610 Physical Chemistry I with Lab

CHEM3620 Physical Chemistry II with Lab

CHEM4111 Capstone Research I

CHEM4120 Capstone Research II (also BIOL4120)

CHEM4130 Capstone Research III (also BIOL4130)

CHEM4310 Biochemistry I with Lab – Biomolecules (also BIOL4310)

CHEM4311 Biochemistry II – Metabolism (also BIOL4311)

CHEM4330 Instrumental Analysis (3-3)

DSCI1500 Principles of Data Science and Analytics

DSCI4320 Applied AI and Data Science Capstone

MATH1370 Statistics for Sciences

MATH1510 Calculus I

MATH1520 Calculus II

MATH4350 Probability and Advanced Statistics

PHYS1410 Elements of Physics I with Lab

PHYS1420 Elements of Physics II with Lab

Course Descriptions

BIOL2100 Cell Biology and Genetics with Lab - 4 s.h.

A study of the various patterns and mechanisms of heredity, changes in the genetic material and the consequences of these genetic changes. The course will also give an introduction to cellular structures, macromolecules, and processes, including DNA replication, transcription, translation and cellular signaling. Additional fee required. Prerequisite: CHEM1330, CHEM3410, or (CHEM1410 and CHEM1450). (C or better strongly recommended).

BIOL3310 Molecular Genetics with Lab - 4 s.h.

A study of cellular processes involved in the Central Dogma: DNA replication, transcription and translation. The study will include how gene expression is regulated at various levels, such as at the transcription level and post-translational level. Lastly students will study and perform different molecular genetic techniques used in laboratories today: pipetting, DNA gel electrophoresis, PCR and DNA cloning. Additional fee required. Prerequisite: BIOL2100 (C or better strongly recommended). +This course is only offered every other year.

BIOL4111 Capstone Research I - 1 s.h.

Course covers the basic elements of scientific research (e.g., performing literature searches, developing research questions, designing experiments, and giving scientific presentations). The student will develop a scientific question and then write a research proposal in cooperation with a faculty mentor to answer that question. Prerequisite: BIOL2100, junior standing or consent of instructor.

BIOL4120 Capstone Research II (also CHEM4120) - 1-2 s.h.

The student conducts scientific research based on the research proposal developed in BIOL/CHEM4111. Prerequisite: BIOL/CHEM4111.

BIOL4130 Capstone Research III (also CHEM4130) - 1-2 s.h.

The student completes the research that was started in BIOL/CHEM4120. Highlights of the research will be presented orally and through a poster presentation. A final thesis manuscript is required for submission. Prerequisite: BIOL/CHEM4120.

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310) - 4 s.h.

An examination of the structure and function of biomolecules: proteins, lipids, carbohydrates and nucleic acids. The chemical and physical properties and their relationship to organ systems and laboratory techniques used to study and characterize the biomolecules. Prerequisite: CHEM3420/3421 and BIOL2100. +This course is only offered every other year.

CHEM1410 General Chemistry I Workshop with Lab - 4 s.h.

General Chemistry I Workshop is appropriate for any student interested in developing a strong background in chemistry. It is intended to be the first university chemistry course for science majors. As such, it will be fairly rigorous and will draw upon previous experience in mathematics and science. Major areas to be covered include atomic and molecular structures, chemical bonding, stoichiometric relationships, and chemical reactions. Laboratory activities and experiments are closely related to concepts introduced in class discussions and will allow students to develop their laboratory skills. Good safety practices and experimental record keeping will be stressed. Students are expected to actively participate in class activities and discussions in addition to homework assignments, individual/group study and preparation for exams. Course is intended for biology, chemistry, and some allied health majors. Additional fee required. Fulfills liberal learning science course. Prerequisites: Two years high school algebra and one year

geometry (plane trigonometry recommended) or 1 year of high school calculus or one higher-level college math course (college algebra (MATH1280) or college calculus (MATH1510)), and one year of high school chemistry or any college level chemistry course. EL06 Science, GE3D Liberal Learning-Natural Sciences.

CHEM1420 General Chemistry II Workshop with Lab - 4 s.h.

General Chemistry II Workshop is appropriate for any student interested in developing a strong background in chemistry. It is the continuation of CHEM1430. Students will gain a deeper understanding of basic chemical principles and will emphasize problem solving. It is fairly rigorous and will draw upon previous chemistry experience as well as mathematics and other science fields. Major areas to be covered include physical properties of solids, liquids, and solutions, intermolecular forces, energy changes in chemical reactions, thermodynamics, gas-phase equilibrium, and aqueous acid/base equilibrium. Laboratory activities and experiments are closely related to concepts introduced in class discussions and will allow students to develop their laboratory skills. Good safety practices and experimental record keeping will be stressed. Students are expected to actively participate in class activities and discussions in addition to homework assignments, individual/group study and preparation for exams. Prerequisite: CHEM1410.

CHEM1450 Introduction to Organic and Biochemistry (1-0) - 1 s.h.

An introduction to the principles of organic and biochemistry, including a study of chemical reactions (condensation and hydrolysis reactions), solution chemistry (hypotonic/hypertonic, isotonic solution), functional groups, organic molecule representation, introduction of biological molecules (proteins, lipids, carbohydrates and nucleic acids). This course is intended for students who need to help fulfill the chemistry requirement for fundamentals of cell biology and genetics course (BIOL2100). Pre or Corequisite: CHEM1410.

CHEM3300 Analytical Chemistry with Lab - 4 s.h.

Study of theory and practice of modern separation and analytical techniques. Includes use of electrochemical, spectrometric and chromatographic instruments. Additional fee required. Prerequisite: CHEM1420. Offered odd years Spring.

CHEM3410 Organic Chemistry I (3-0) - 3 s.h.

An in-depth study of modern organic chemistry including nomenclature, structure and bonding, synthesis, reaction mechanisms, and important functional groups and families of both aliphatic and aromatic compounds. Prerequisite: CHEM1420. Corequisite: CHEM3411 Organic Chemistry I Lab.

CHEM3411 Organic Chemistry I Lab (0-3) - 1 s.h.

Additional fee required. Corequisite: CHEM3410 Organic Chemistry I.

CHEM3420 Organic Chemistry II (3-0) - 3 s.h.

A continuation of CHEM3410 which is a prerequisite. With a grade of C or better is strongly recommended. Corequisite: CHEM3421 Organic Chemistry II Lab.

CHEM3421 Organic Chemistry II Lab (0-3) - 1 s.h.

Additional fee required. Corequisite: CHEM3420 Organic Chemistry II.

CHEM3610 Physical Chemistry I with Lab - 4 s.h.

A study of thermodynamics, thermochemistry, chemical kinetics, equilibrium, atomic and molecular structure, electrochemistry, and quantum chemistry. Additional fee required. Prerequisites: CHEM1420, PHYS1420, and MATH1520. Offered odd years Fall. +This course is only offered every other year.

CHEM3620 Physical Chemistry II with Lab - 4 s.h.

Additional fee required. Continuation of CHEM3610, which is a prerequisite. Offered even years Spring. +This course is only offered every other year.

CHEM4111 Capstone Research I - 1 s.h.

Course covers the basic elements of scientific research (e.g., performing literature searches, developing research questions, designing experiments, and giving scientific presentations). The student will develop a scientific question and then write a research proposal in cooperation with a faculty mentor to answer that question. Prerequisite: BIOL2100, CHEM3410/3411, and junior standing or consent of instructor.

CHEM4120 Capstone Research II (also BIOL4120) - 1-2 s.h.

The student conducts scientific research based on the research proposal developed in BIOL/CHEM4111. Prerequisite: BIOL/CHEM4110.

CHEM4130 Capstone Research III (also BIOL4130) - 1-2 s.h.

The student completes the research that was started in BIOL/CHEM4120. Highlights of the research will be presented orally and through a poster presentation. A final thesis manuscript is required for submission. Prerequisite: BIOL/CHEM4120.

CHEM4310 Biochemistry I with Lab – Biomolecules (also BIOL4310) - 4 s.h.

An examination of the structure and function of biomolecules: proteins, lipids, carbohydrates and nucleic acids. The chemical and physical properties and their relationship to organ systems and laboratory techniques used to study and characterize the biomolecules. Prerequisite: CHEM3420/3421 and BIOL2100. +This course is only offered every other year.

CHEM4311 Biochemistry II – Metabolism (also BIOL4311) - 3 s.h.

An introduction to anabolic and catabolic metabolic pathways found in the cell. The synthesis and catalysis of the biomolecules will be discussed in relationship to the organ systems. Prerequisite: CHEM/BIOL4310. +This course is only offered every other year.

CHEM4330 Instrumental Analysis (3-3) - 4 s.h.

A study of the analysis and identification of organic compounds and mixtures by modern instrumental techniques and traditional wet chemical methods. Additional fee required. Prerequisite: CHEM3420/3421 with a grade of C or better is strongly recommended. Offered even years Fall. +This course is only offered every other year.

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4320 Applied AI and Data Science Capstone - 3 s.h.

This course provides a culminating, project-based experience in data science and artificial intelligence. Students work in teams using authentic data sets (often from community or company partners) to define a problem with a client, prepare and analyze data, and develop appropriate analytical and AI/ML solutions. Teams communicate results and recommendations in professional written and oral formats. Prerequisites: CSIT4200 - Machine Learning.

MATH1370 Statistics for Sciences - 3 s.h.

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1510 Calculus I - 4 s.h.

Limits, continuity, differentiation, and applications including exponential, logarithmic, trigonometric, and inverse functions. Mean value theorem, curve sketching, Riemann sums, and the fundamental theorem of calculus. Prerequisite: 2 years high school algebra. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1520 Calculus II - 4 s.h.

Integration techniques and applications, polar coordinates, improper integrals, sequences and series of real numbers, and power series. Prerequisite: MATH1510.

MATH4350 Probability and Advanced Statistics - 3 s.h.

Introduction to probability, classical probability models and processes, random variables, conditional probability, bivariate distributions and their development, goodness of fit tests, and other nonparametric methods. +This course is only offered every other year. Prerequisite: MATH1510 and MATH2350.

PHYS1410 Elements of Physics I with Lab - 4 s.h.

An elementary physics course emphasizing the fundamental concepts associated with the physical universe. Topics include Newtonian mechanics, fluids, heat thermodynamics, wave motion, and sound. Designed to meet the needs of biology majors and students preparing for the medical profession and related fields. Prerequisites: Two years high school algebra and one year geometry (plane trigonometry recommended) or one year of high school calculus or one higher-level college math course (college algebra (MATH1280) or college calculus (MATH1510)).

PHYS1420 Elements of Physics II with Lab - 4 s.h.

A continuation of PHYS1410. Topics included are electricity, magnetism, electromagnetic waves, light, relativity, quantum mechanics, and nuclear physics. Prerequisite: PHYS1410.

Chemistry Minor

A minor in Chemistry consists of 17 semester hours or more of course work in Chemistry and includes the following courses:

CHEM1410 General Chemistry I Workshop – 4 s.h.

CHEM1420 General Chemistry II Workshop – 4 s.h.

CHEM3410 Organic Chemistry I – 3 s.h.

CHEM3411 Organic Chemistry I Lab – 1 s.h.

CHEM3420 Organic Chemistry II – 3 s.h.

CHEM3421 Organic Chemistry II Lab – 1 s.h.

CHEM4111 Capstone Research I – 1 s.h.

Courses Offered

CHEM1410 General Chemistry I Workshop with Lab

CHEM1420 General Chemistry II Workshop with Lab

CHEM3410 Organic Chemistry I (3-0)

CHEM3411 Organic Chemistry I Lab (0-3)

CHEM3420 Organic Chemistry II (3-0)

CHEM3421 Organic Chemistry II Lab (0-3)

CHEM4111 Capstone Research I

Course Descriptions

CHEM1410 General Chemistry I Workshop with Lab - 4 s.h.

General Chemistry I Workshop is appropriate for any student interested in developing a strong background in chemistry. It is intended to be the first university chemistry course for science majors. As such, it will be fairly rigorous and will draw upon previous experience in mathematics and science. Major areas to be covered include atomic and molecular structures, chemical bonding, stoichiometric relationships, and chemical reactions. Laboratory activities and experiments are closely related to concepts introduced in class discussions and will allow students to develop their laboratory skills. Good safety practices and experimental record keeping will be stressed. Students are expected to actively participate in class activities and discussions in addition to homework assignments, individual/group study and preparation for exams. Course is intended for biology, chemistry, and some allied health majors. Additional fee required. Fulfills liberal learning science course. Prerequisites: Two years high school algebra and one year

geometry (plane trigonometry recommended) or 1 year of high school calculus or one higher-level college math course (college algebra (MATH1280) or college calculus (MATH1510)), and one year of high school chemistry or any college level chemistry course. EL06 Science, GE3D Liberal Learning-Natural Sciences.

CHEM1420 General Chemistry II Workshop with Lab - 4 s.h.

General Chemistry II Workshop is appropriate for any student interested in developing a strong background in chemistry. It is the continuation of CHEM1430. Students will gain a deeper understanding of basic chemical principles and will emphasize problem solving. It is fairly rigorous and will draw upon previous chemistry experience as well as mathematics and other science fields. Major areas to be covered include physical properties of solids, liquids, and solutions, intermolecular forces, energy changes in chemical reactions, thermodynamics, gas-phase equilibrium, and aqueous acid/base equilibrium. Laboratory activities and experiments are closely related to concepts introduced in class discussions and will allow students to develop their laboratory skills. Good safety practices and experimental record keeping will be stressed. Students are expected to actively participate in class activities and discussions in addition to homework assignments, individual/group study and preparation for exams. Prerequisite: CHEM1410.

CHEM3410 Organic Chemistry I (3-0) - 3 s.h.

An in-depth study of modern organic chemistry including nomenclature, structure and bonding, synthesis, reaction mechanisms, and important functional groups and families of both aliphatic and aromatic compounds. Prerequisite: CHEM1420. Corequisite: CHEM3411 Organic Chemistry I Lab.

CHEM3411 Organic Chemistry I Lab (0-3) - 1 s.h.

Additional fee required. Corequisite: CHEM3410 Organic Chemistry I.

CHEM3420 Organic Chemistry II (3-0) - 3 s.h.

A continuation of CHEM3410 which is a prerequisite. With a grade of C or better is strongly recommended. Corequisite: CHEM3421 Organic Chemistry II Lab.

CHEM3421 Organic Chemistry II Lab (0-3) - 1 s.h.

Additional fee required. Corequisite: CHEM3420 Organic Chemistry II.

CHEM4111 Capstone Research I - 1 s.h.

Course covers the basic elements of scientific research (e.g., performing literature searches, developing research questions, designing experiments, and giving scientific presentations). The student will develop a scientific question and then write a research proposal in cooperation with a faculty mentor to answer that question. Prerequisite: BIOL2100, CHEM3410/3411, and junior standing or consent of instructor.

Data Analytics for Chemistry Certificate

Students wishing to earn the Data Analytics for Chemistry certificate must complete the following 21 credit hours with Graceland University.

- CHEM3300 Analytical Chemistry with Lab – 4 s.h.
- CHEM3610 Physical Chemistry I with Lab – 4 s.h.
- CHEM3620 Physical Chemistry II with Lab – 4 s.h.
- CSIT1100 Principles of Computing (Python Programming) – 3 s.h.
- DSCI1500 Principles of Data Science and Analytics – 3 s.h.
- DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

Courses Offered

CHEM3300 Analytical Chemistry with Lab

CHEM3610 Physical Chemistry I with Lab

CHEM3620 Physical Chemistry II with Lab

CSIT1100 Principles of Computing (Python Programming)

DSCI1500 Principles of Data Science and Analytics

DSCI4700 Capstone for Data Analytics Certificates

Course Descriptions

CHEM3300 Analytical Chemistry with Lab - 4 s.h.
Study of theory and practice of modern separation and analytical techniques. Includes use of electrochemical, spectrometric and chromatographic instruments. Additional fee required. Prerequisite: CHEM1420. Offered odd years Spring.

CHEM3610 Physical Chemistry I with Lab - 4 s.h.

A study of thermodynamics, thermochemistry, chemical kinetics, equilibrium, atomic and molecular structure, electrochemistry, and quantum chemistry. Additional fee required. Prerequisites: CHEM1420, PHYS1420, and MATH1520. Offered odd years Fall. +This course is only offered every other year.

CHEM3620 Physical Chemistry II with Lab - 4 s.h.

Additional fee required. Continuation of CHEM3610, which is a prerequisite. Offered even years Spring. +This course is only offered every other year.

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

Teacher Certification in Chemistry

1. FOR CHEMISTRY MAJORS WHO WANT A SECONDARY ENDORSEMENT (5-12): Students majoring in Chemistry who desire Iowa Teacher Certification with a Chemistry secondary endorsement must complete the major requirements above and the Secondary Education Program (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-

programs/sec-educ-pro/) (with SCIE3360 Methods of Teaching Science and Mathematics as the appropriate methods course).

2. **OPTION 1:** FOR NON-CHEMISTRY MAJORS WHO WANT A SECONDARY CHEMISTRY ENDORSEMENT (5-12): Non-Chemistry majors desiring a secondary Chemistry endorsement (5-12) in Iowa must complete the Secondary Education Program (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sec-educ-pro/) (with SCIE3360 Methods of Teaching Science and Mathematics as the appropriate methods course), a major in a secondary teaching field, and 24 semester hours in chemistry including the following courses:
   CHEM1410 General Chemistry I Workshop with Lab – 4 s.h.
   CHEM1420 General Chemistry II Workshop with Lab – 4 s.h.
   CHEM3300 Analytical Chemistry with Lab – 4 s.h.
   CHEM3410 Organic Chemistry I – 3 s.h.
   CHEM3411 Organic Chemistry I Lab – 1 s.h.
   CHEM3420 Organic Chemistry II – 3 s.h.
   CHEM3421 Organic Chemistry II Lab – 1 s.h.
   CHEM4111 Capstone Research I – 1 s.h.
   Elective in Chemistry – 3-4 s.h.

   OPTION 2: FOR NON-CHEMISTRY MAJORS WHO WANT A SECONDARY CHEMISTRY ENDORSEMENT (5-12): Non-Chemistry majors desiring a secondary Chemistry endorsement (5-12) in Iowa must complete the Secondary Education Program (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/sec-educ-pro/) (with SCIE3360 Methods of Teaching Science and Mathematics as the appropriate methods course), a major in a secondary teaching field, and 30 semester hours in the broad area of Science (BIOL, CHEM, SCIE) to include the following 17 semester hours in Chemistry:
   CHEM1410 General Chemistry I Workshop with Lab – 4 s.h.
   CHEM1420 General Chemistry II Workshop with Lab – 4 s.h.
   CHEM3300 Analytical Chemistry with Lab – 4 s.h.
   CHEM3410 Organic Chemistry I – 3 s.h.
   CHEM3411 Organic Chemistry I Lab – 1 s.h.
   CHEM4111 Capstone Research I – 1 s.h.

Courses Offered

CHEM1420 General Chemistry II Workshop with Lab

CHEM3300 Analytical Chemistry with Lab

CHEM3410 Organic Chemistry I (3-0)

CHEM3411 Organic Chemistry I Lab (0-3)

CHEM3420 Organic Chemistry II (3-0)

CHEM3421 Organic Chemistry II Lab (0-3)

CHEM4111 Capstone Research I

SCIE3360 Methods of Teaching Science and Mathematics (also MATH3360)

Course Descriptions

CHEM1420 General Chemistry II Workshop with Lab - 4 s.h.

General Chemistry II Workshop is appropriate for any student interested in developing a strong background in chemistry. It is the continuation of CHEM1430. Students will gain a deeper understanding of basic chemical principles and will emphasize problem solving. It is fairly rigorous and will draw upon previous chemistry experience as well as mathematics and other science fields. Major areas to be covered include physical properties of solids, liquids, and solutions, intermolecular forces, energy changes in chemical reactions, thermodynamics, gas-phase equilibrium, and aqueous acid/base equilibrium. Laboratory activities and experiments are closely related to concepts introduced in class discussions and will allow students to develop their laboratory skills. Good safety practices and experimental record keeping will be stressed. Students are expected to actively participate in class activities and discussions in addition to homework assignments, individual/group study and preparation for exams. Prerequisite: CHEM1410.

CHEM3300 Analytical Chemistry with Lab - 4 s.h.

Study of theory and practice of modern separation and analytical techniques. Includes use of electrochemical, spectrometric and chromatographic instruments. Additional fee required. Prerequisite: CHEM1420. Offered odd years Spring.

CHEM3410 Organic Chemistry I (3-0) - 3 s.h.
An in-depth study of modern organic chemistry including nomenclature, structure and bonding, synthesis, reaction mechanisms, and important functional groups and families of both aliphatic and aromatic compounds. Prerequisite: CHEM1420. Corequisite: CHEM3411 Organic Chemistry I Lab.

CHEM3411 Organic Chemistry I Lab (0-3) - 1 s.h.
Additional fee required. Corequisite: CHEM3410 Organic Chemistry I.

CHEM3420 Organic Chemistry II (3-0) - 3 s.h.
A continuation of CHEM3410 which is a prerequisite. With a grade of C or better is strongly recommended. Corequisite: CHEM3421 Organic Chemistry II Lab.

CHEM3421 Organic Chemistry II Lab (0-3) - 1 s.h.
Additional fee required. Corequisite: CHEM3420 Organic Chemistry II.

CHEM4111 Capstone Research I - 1 s.h.
Course covers the basic elements of scientific research (e.g., performing literature searches, developing research questions, designing experiments, and giving scientific presentations). The student will develop a scientific question and then write a research proposal in cooperation with a faculty mentor to answer that question. Prerequisite: BIOL2100, CHEM3410/3411, and junior standing or consent of instructor.

SCIE3360 Methods of Teaching Science and Mathematics (also MATH3360) - 3 s.h.
A study of the objectives, methods, techniques, materials, and activities related to teaching science and mathematics in the secondary schools. Prerequisite: 20 hours in science or mathematics and Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program.

Course list - Chemistry

Courses Offered

CHEM1200 Environmental Science with Lab (also BIOL1200)

CHEM1330 Introduction to General, Organic, and Biochemistry with Lab

CHEM1340 Forensic Chemistry with Lab

CHEM1410 General Chemistry I Workshop with Lab

CHEM1420 General Chemistry II Workshop with Lab

CHEM1450 Introduction to Organic and Biochemistry (1-0)

CHEM2000 Individual Study

CHEM3000 Individual Study

CHEM3120 Internship in Chemistry

CHEM3300 Analytical Chemistry with Lab

CHEM3410 Organic Chemistry I (3-0)

CHEM3411 Organic Chemistry I Lab (0-3)

CHEM3420 Organic Chemistry II (3-0)

CHEM3421 Organic Chemistry II Lab (0-3)

CHEM3610 Physical Chemistry I with Lab

CHEM3620 Physical Chemistry II with Lab

CHEM3900 Special Topics in Chemistry

CHEM4000 Individual Study

CHEM4111 Capstone Research I

CHEM4120 Capstone Research II (also BIOL4120)

CHEM4130 Capstone Research III (also BIOL4130)

CHEM4310 Biochemistry I with Lab – Biomolecules (also BIOL4310)

CHEM4311 Biochemistry II – Metabolism (also BIOL4311)

CHEM4330 Instrumental Analysis (3-3)

Course Descriptions

CHEM1200 Environmental Science with Lab (also BIOL1200) - 4 s.h.

An exploration of the biotic and abiotic components of the environment, including the biological, physical, and chemical processes that shape natural ecosystems (e.g., biogeochemical

cycles). The course will also examine the impact of human population growth, resource use, emissions production, and technological innovations on the environment. Current environmental issues, such as loss of biodiversity, ecosystem degradation, air and water pollution, and climate change, will be considered. Additional fee required. ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences.

CHEM1330 Introduction to General, Organic, and Biochemistry with Lab - 4 s.h.

An introduction to the principles of inorganic, organic and biochemistry, including a study of atoms, chemical bonding, types of chemical reactions (focusing on ones in the cell), solution chemistry, introduction of biological molecules (proteins, lipids, carbohydrates, and nucleic acids). This course is intended for students desiring a general education in chemistry, those majoring in nursing or allied health fields and those that need it to fulfill the chemistry requirement for cell biology and genetics course. Prerequisite: MATH1280 or one year of high school algebra (C or better strongly recommended). Additional fees required. GE3D Liberal Learning-Natural Sciences

CHEM1340 Forensic Chemistry with Lab - 4 s.h.

This course will expose students to the field of forensic science primarily using chemical forensics and testing. Topics include evidence collection and preservation, drugs and drug chemistry, heat and explosions, poisons and others. The course will cover basic chemical concepts needed to plan, execute, and interpret forensic results. All necessary scientific concepts will be developed in the context of forensic science. Additional fee required. ELO6 Science - World Citizenship, ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences

CHEM1410 General Chemistry I Workshop with Lab - 4 s.h.

General Chemistry I Workshop is appropriate for any student interested in developing a strong background in chemistry. It is intended to be the first university chemistry course for science majors. As such, it will be fairly rigorous and will draw upon previous experience in mathematics and science. Major areas to be covered include atomic and molecular structures, chemical bonding, stoichiometric relationships, and chemical reactions. Laboratory activities and experiments are closely related to concepts introduced in class discussions and will allow students to develop their laboratory skills. Good safety practices and experimental record keeping will be stressed. Students are expected to actively participate in class activities and discussions in addition to homework assignments, individual/group study and preparation for exams. Course is

intended for biology, chemistry, and some allied health majors. Additional fee required. Fulfills liberal learning science course. Prerequisites: Two years high school algebra and one year geometry (plane trigonometry recommended) or 1 year of high school calculus or one higher-level college math course (college algebra (MATH1280) or college calculus (MATH1510)), and one year of high school chemistry or any college level chemistry course. EL06 Science, GE3D Liberal Learning-Natural Sciences.

CHEM1420 General Chemistry II Workshop with Lab - 4 s.h.

General Chemistry II Workshop is appropriate for any student interested in developing a strong background in chemistry. It is the continuation of CHEM1430. Students will gain a deeper understanding of basic chemical principles and will emphasize problem solving. It is fairly rigorous and will draw upon previous chemistry experience as well as mathematics and other science fields. Major areas to be covered include physical properties of solids, liquids, and solutions, intermolecular forces, energy changes in chemical reactions, thermodynamics, gas-phase equilibrium, and aqueous acid/base equilibrium. Laboratory activities and experiments are closely related to concepts introduced in class discussions and will allow students to develop their laboratory skills. Good safety practices and experimental record keeping will be stressed. Students are expected to actively participate in class activities and discussions in addition to homework assignments, individual/group study and preparation for exams. Prerequisite: CHEM1410.

CHEM1450 Introduction to Organic and Biochemistry (1-0) - 1 s.h.

An introduction to the principles of organic and biochemistry, including a study of chemical reactions (condensation and hydrolysis reactions), solution chemistry (hypotonic/hypertonic, isotonic solution), functional groups, organic molecule representation, introduction of biological molecules (proteins, lipids, carbohydrates and nucleic acids). This course is intended for students who need to help fulfill the chemistry requirement for fundamentals of cell biology and genetics course (BIOL2100). Pre or Corequisite: CHEM1410.

CHEM2000 Individual Study - 1-3 s.h.

CHEM3000 Individual Study - 1-3 s.h.

CHEM3120 Internship in Chemistry - 1-3 s.h.

Developed in conjunction with and approved by an appropriate faculty member in Chemistry. This internship will be with professionals who are in career areas relating to majors in the department and may be pursued abroad. The student is responsible for arranging their internship. May be repeated for a maximum of 9 semester hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

CHEM3300 Analytical Chemistry with Lab - 4 s.h.

Study of theory and practice of modern separation and analytical techniques. Includes use of electrochemical, spectrometric and chromatographic instruments. Additional fee required. Prerequisite: CHEM1420. Offered odd years Spring.

CHEM3410 Organic Chemistry I (3-0) - 3 s.h.

An in-depth study of modern organic chemistry including nomenclature, structure and bonding, synthesis, reaction mechanisms, and important functional groups and families of both aliphatic and aromatic compounds. Prerequisite: CHEM1420. Corequisite: CHEM3411 Organic Chemistry I Lab.

CHEM3411 Organic Chemistry I Lab (0-3) - 1 s.h.

Additional fee required. Corequisite: CHEM3410 Organic Chemistry I.

CHEM3420 Organic Chemistry II (3-0) - 3 s.h.

A continuation of CHEM3410 which is a prerequisite. With a grade of C or better is strongly recommended. Corequisite: CHEM3421 Organic Chemistry II Lab.

CHEM3421 Organic Chemistry II Lab (0-3) - 1 s.h.

Additional fee required. Corequisite: CHEM3420 Organic Chemistry II.

CHEM3610 Physical Chemistry I with Lab - 4 s.h.

A study of thermodynamics, thermochemistry, chemical kinetics, equilibrium, atomic and molecular structure, electrochemistry, and quantum chemistry. Additional fee required. Prerequisites: CHEM1420, PHYS1420, and MATH1520. Offered odd years Fall. +This course is only offered every other year.

CHEM3620 Physical Chemistry II with Lab - 4 s.h.

Additional fee required. Continuation of CHEM3610, which is a prerequisite. Offered even years Spring. +This course is only offered every other year.

CHEM3900 Special Topics in Chemistry - 1-3 s.h.

A study of special topics in chemistry not available to the student in the regular course offerings. May be repeated for credit as topics change. Prerequisite: Instructor's consent.

CHEM4000 Individual Study - 1-3 s.h.

CHEM4111 Capstone Research I - 1 s.h.

Course covers the basic elements of scientific research (e.g., performing literature searches, developing research questions, designing experiments, and giving scientific presentations). The student will develop a scientific question and then write a research proposal in cooperation with a faculty mentor to answer that question. Prerequisite: BIOL2100, CHEM3410/3411, and junior standing or consent of instructor.

CHEM4120 Capstone Research II (also BIOL4120) - 1-2 s.h.

The student conducts scientific research based on the research proposal developed in BIOL/CHEM4111. Prerequisite: BIOL/CHEM4110.

CHEM4130 Capstone Research III (also BIOL4130) - 1-2 s.h.

The student completes the research that was started in BIOL/CHEM4120. Highlights of the research will be presented orally and through a poster presentation. A final thesis manuscript is required for submission. Prerequisite: BIOL/CHEM4120.

CHEM4310 Biochemistry I with Lab – Biomolecules (also BIOL4310) - 4 s.h.

An examination of the structure and function of biomolecules: proteins, lipids, carbohydrates and nucleic acids. The chemical and physical properties and their relationship to organ systems and laboratory techniques used to study and characterize the biomolecules. Prerequisite: CHEM3420/3421 and BIOL2100. +This course is only offered every other year.

CHEM4311 Biochemistry II – Metabolism (also BIOL4311) - 3 s.h.

An introduction to anabolic and catabolic metabolic pathways found in the cell. The synthesis and catalysis of the biomolecules will be discussed in relationship to the organ systems. Prerequisite: CHEM/BIOL4310. +This course is only offered every other year.

CHEM4330 Instrumental Analysis (3-3) - 4 s.h.

A study of the analysis and identification of organic compounds and mixtures by modern instrumental techniques and traditional wet chemical methods. Additional fee required.

Prerequisite: CHEM3420/3421 with a grade of C or better is strongly recommended. Offered even years Fall. +This course is only offered every other year.

Computer Science and Information Technology Degree



BS Degree — Computer Science and Information Technology Major

In addition to the general education requirements, students majoring in Computer Science and Information Technology must complete 27 semester hours of core curriculum and 9 semester hours of their chosen concentration (AI and Data Science, Cyber and Homeland Security, or Web and Software Development) as prescribed below:

Core Curriculum – 27 s.h.

CSIT1060 Introduction to Web Development – 3 s.h.

CSIT1100 Principles of Computing (Python Programming) – 3 s.h.

CSIT1200 Data Structures and Algorithms – 3 s.h.

CSIT2010 Object-Oriented Programming – 3 s.h.

CSIT2220 Network and Cybersecurity Fundamentals – 3 s.h.

CSIT2260 Operating System Concepts and Linux System Administration – 3 s.h.

CSIT3300 Database Concepts and SQL – 3 s.h.

CSIT4100 Capstone Project – 3 s.h.

DSCI1500 Principles of Data Science and Analytics – 3 s.h.

Choose one Concentration – 9 s.h.

AI and Data Science (select any 3 courses)

CSIT3110 Artificial Intelligence: Theory and Practice – 3 s.h.

CSIT4110 Cloud Computing and Big Data Technologies – 3 s.h.

CSIT4000 Individual Study (AI and Data Science Certification) – 3 s.h.

CSIT4200 Machine Learning – 3 s.h.

Cyber and Homeland Security (select any 3 courses)

CSIT3220 Cyber Defense and Digital Forensics – 3 s.h.

CSIT4210 Ethical Hacking and Pentration Testing – 3 s.h.

CSIT4000 Individual Study (Cyber and Homeland Security Certification) – 3 s.h.

CRMJ3240 Terrorism and Homeland Security – 3 s.h.

Web and Software Development (select any 3 courses)

CSIT3330 Full Stack Web Development – 3 s.h.

CSIT3340 Software Engineering and Quality Management – 3 s.h.

CSIT4000 Individual Study (Web and Software Development Certification) – 3 s.h.

CSIT4150 Mobile App Development with Java – 3 s.h.

Courses Offered

CRMJ3240 Terrorism and Homeland Security

CSIT1060 Introduction to Web Development

CSIT1100 Principles of Computing (Python Programming)

CSIT1200 Data Structures and Algorithms

CSIT2010 Object Oriented Programming

CSIT2100 Intermediate Programming

CSIT2220 Network and Cybersecurity Fundamentals

CSIT2260 Operating System Concepts and Linux System Administration

CSIT3110 Artificial Intelligence: Theory and Practice

CSIT3120 Computer Networks and Network Security

CSIT3200 Systems Analysis and Design

CSIT3220 Cyber Defense and Digital Forensics

CSIT3300 Database Concepts and SQL

CSIT3330 Full Stack Web Development

CSIT3340 Software Engineering and Quality Management

CSIT4000 Individual Study

CSIT4100 Capstone Project

CSIT4110 Cloud Computing and Big Data Technologies

CSIT4150 Mobile App Development with Java

CSIT4200 Machine Learning

CSIT4210 Ethical Hacking and Penetration Testing

DSCI1500 Principles of Data Science and Analytics

MATH1510 Calculus I

MATH2350 Discrete Mathematics

Course Descriptions

CRMJ3240 Terrorism and Homeland Security - 3 s.h.

A theoretical and conceptual framework of how domestic and international terrorism arises and functions. Topics discussed will include theories of the world's best terrorist analysts, the historical background on the phenomenon of terrorism, the roots of contemporary conflicts, current conflicts shaping the world stage, emerging groups, and US Homeland Security organizations—including controversies surrounding human rights and protecting civil liberties.

CSIT1060 Introduction to Web Development - 3 s.h.

Basics of how the World Wide Web works and web site construction using HTML and CSS. Related technology skills will be covered.

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

CSIT1200 Data Structures and Algorithms - 3 s.h.

Continuation of CSIT1100 with emphasis on more advanced programming that involve classic data structures such as arrays, dictionaries, linked lists, queues, stacks, and trees. Recursive techniques and efficiency considerations will also be covered. Prerequisite: CSIT1100.

CSIT2010 Object Oriented Programming - 3 s.h.

A study in the design and development of object-oriented programs in the Java language for those with basic programming skills. Project assignments will give students extensive practice in designing classes and extending class hierarchies in order to develop software solutions based on interacting objects. UML diagrams and unique features of the Java language will also be covered. Prerequisite: CSIT1100.

CSIT2100 Intermediate Programming - 1-3 s.h.

Intermediate-level programming using a specific programming language, tool-set, methodology, or genre such as COBOL, C++, PHP, Ajax, debuggers, etc. May be repeated for credit if

the content is different. Scheduled course title and transcript listing will include the programming language or topic; e.g. Intermediate Programming - C++. Prerequisite: CSIT1100.

CSIT2220 Network and Cybersecurity Fundamentals - 3 s.h.

Gain an in-depth knowledge of network architectures and fundamental protocols like TCP/IP and HTTP. Learn how to design and secure network infrastructures using firewalls and intrusion detection systems. Acquire the skills to defend against common cyber threats, including malware, phishing, and denial-of-service attacks, while implementing security best practices to maintain strong and resilient network defenses. Prerequisite: CSIT1100.

CSIT2260 Operating System Concepts and Linux System Administration - 3 s.h.

Explore the fundamental aspects of operating systems, including process management, memory allocation, and file systems. Acquire practical skills in managing Linux servers, automating tasks with shell scripting, and troubleshooting system issues. Build expertise in essential system administration tools, while learning best practices for secure and efficient server management. Prerequisite: CSIT1100.

CSIT3110 Artificial Intelligence: Theory and Practice - 3 s.h.

Learn the foundational concepts of artificial intelligence (AI), covering machine learning, deep neural networks, reinforcement learning, natural language processing (NLP), and computer vision. Examine AI applications across various industries, including healthcare, finance, manufacturing, and autonomous systems. Practical expertise is developed through hands-on projects, focusing on building and training AI models to solve real-world challenges effectively. Prerequisite: DSCI1500 Principles of Data Science and Analytics.

CSIT3120 Computer Networks and Network Security - 3 s.h.

A study of networking technologies and network security. Topics include networking concepts, the OSI model, packet structure, and communication protocols as well as core concept of information security such as encryption, malware, and software exploitation. Course will require significant programming. Prerequisite: CSIT2240 (Computer Hardware and Operating Systems).

CSIT3200 Systems Analysis and Design - 3 s.h.

A study of current strategies and techniques to analyze and model information system requirements, covering managerial, behavioral, and technical components of the system's analysis and design process. Object-oriented software design will be emphasized. Prerequisite: CSIT2010.

CSIT3220 Cyber Defense and Digital Forensics - 3 s.h.

Acquire the skills to defend against cyber threats through advanced network monitoring, malware analysis, and forensic tools. Learn how to investigate cyber incidents, recover digital evidence, and analyze network traffic to detect and respond to attacks. Build proficiency in digital forensics and incident response, preparing for a career in cybersecurity and forensic investigation. Prerequisite: CSIT2220 Network and Cybersecurity Fundamentals.

CSIT3300 Database Concepts and SQL - 3 s.h.

A study of the concepts and structures required to implement a database system including the logical design and physical organization of the database. Emphasis is given to the design and development of database systems that includes understanding and applying entity-relationship models. Implementation of a database using SQL on a database system is included.

CSIT3330 Full Stack Web Development - 3 s.h.

Develop expertise in front-end and back-end web development using technologies like HTML, CSS, JavaScript, PHP, Node.js, and databases. Create responsive, dynamic user interfaces, design and implement RESTful APIs, and integrate back-end databases. Learn how to deploy web applications in production environments with a focus on optimizing performance and ensuring scalability. Prerequisite: CSIT1060 Introduction to Web Development.

CSIT3340 Software Engineering and Quality Management - 3 s.h.

Explore the full software development lifecycle, focusing on methodologies such as Agile and DevOps. Gain experience with version control tools like Git and learn to implement CI/CD pipelines for automated testing and deployment. Emphasize software quality through rigorous testing practices, identifying and resolving defects to deliver high-quality software solutions. Prerequisite: CSIT1100 Principles of Computing (Python Programming).

CSIT4000 Individual Study - 1-3 s.h.

Research-level study, especially one in which a conference presentation or published paper is the goal. Prerequisite: Instructor's consent.

CSIT4100 Capstone Project - 1-3 s.h.

In-depth project in consultation with the sponsoring faculty member. Students will complete a project that requires design, interactivity and creativity. The project will include some technical aspects and complete documentation of the project is required. The project requires a formal presentation at completion. Prerequisite: Instructor's consent.

CSIT4110 Cloud Computing and Big Data Technologies - 3 s.h.

Course Description: This course covers major cloud platforms such as AWS and Azure, alongside big data technologies like Hadoop and Spark. The focus is on designing and deploying scalable applications in distributed systems. Practical experience is gained by utilizing cloud services for data storage, processing, and analysis, along with a thorough understanding of big data management principles within cloud ecosystems.. Prerequisite: DSCI1500 Principles of Data Science and Analytics.

CSIT4150 Mobile App Development with Java - 3 s.h.

This course teaches students to design, develop, and deploy Android applications using Java and the Android SDK. Students will focus on essential components such as activities, intents, and services, while building user-friendly interfaces that respond to interactions. The course also covers integration with device features, performance optimization, and the process of publishing apps to the Google Play Store. Prerequisite: CSIT2010 Object-Oriented Programming.

CSIT4200 Machine Learning - 3 s.h.

A study of regression, kernels, support vector machines, clustering, Neural networks. Prerequisites: MATH3340, MATH2510, CSIT1200. (Students participating in the 4+1 Masters program in Data Science and Analytics should sign up for DSCI5370 Machine Learning.)

CSIT4210 Ethical Hacking and Penetration Testing - 3 s.h.

Gain proficiency in identifying system and network vulnerabilities using ethical hacking tools such as Metasploit and Burp Suite. Conduct detailed penetration tests to evaluate security measures and provide practical recommendations for improvement. Uphold ethical standards and confidentiality throughout the testing process to ensure responsible and secure practices. Prerequisite: CSIT2220 Network and Cybersecurity Fundamentals.

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

MATH1510 Calculus I - 4 s.h.
Limits, continuity, differentiation, and applications including exponential, logarithmic, trigonometric, and inverse functions. Mean value theorem, curve sketching, Riemann sums, and the fundamental theorem of calculus. Prerequisite: 2 years high school algebra. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH2350 Discrete Mathematics - 3 s.h.
A survey of topics in discrete mathematics focusing on introductory logic, methods of mathematical proof, set theory, determinants and matrices, combinatorics, and graph theory. Prerequisite: Instructor approval for non-CSIT/MATH majors, 2 years high school algebra or MATH1280. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

Computer Science and Information Technology Minor

A minor in Computer Science and Information Technology requires 18 s.h. of CSIT courses including CSIT1100 and CSIT1200.

Courses Offered

CSIT1100 Principles of Computing (Python Programming)

CSIT1200 Data Structures and Algorithms

CSIT2100 Intermediate Programming

Course Descriptions

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.
An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

CSIT1200 Data Structures and Algorithms - 3 s.h.

Continuation of CSIT1100 with emphasis on more advanced programming that involve classic data structures such as arrays, dictionaries, linked lists, queues, stacks, and trees. Recursive techniques and efficiency considerations will also be covered. Prerequisite: CSIT1100.

CSIT2100 Intermediate Programming - 1-3 s.h.
Intermediate-level programming using a specific programming language, tool-set, methodology, or genre such as COBOL, C++, PHP, Ajax, debuggers, etc. May be repeated for credit if the content is different. Scheduled course title and transcript listing will include the programming language or topic; e.g. Intermediate Programming - C++. Prerequisite: CSIT1100.

Data Analytics for Computer Science and Information Technology Certificate

Students wishing to earn the Data Analytics for Computer Science and Information Technology certificate must complete the following 18 credit hours with Graceland University.

CSIT1100 Principles of Computing (Python Programming) – 3 s.h.

CSIT1200 Data Structures and Algorithms – 3 s.h.

CSIT3300 Data Base Concepts and SQL – 3 s.h.

CSIT4200 Machine Learning or DSCI4320 Applied IA and Data Science Capstone – 3 s.h.

DSCI1500 Principles of Data Science and Analytics – 3 s.h.

DSCI4700 Capstone for Data Analytics Certificates – 3 s.h.

Courses Offered

CSIT1100 Principles of Computing (Python Programming)

CSIT1200 Data Structures and Algorithms

CSIT3300 Database Concepts and SQL

CSIT4200 Machine Learning

DSCI1500 Principles of Data Science and Analytics

DSCI4320 Applied AI and Data Science Capstone

DSCI4700 Capstone for Data Analytics Certificates

Course Descriptions

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

CSIT1200 Data Structures and Algorithms - 3 s.h.

Continuation of CSIT1100 with emphasis on more advanced programming that involve classic data structures such as arrays, dictionaries, linked lists, queues, stacks, and trees. Recursive techniques and efficiency considerations will also be covered. Prerequisite: CSIT1100.

CSIT3300 Database Concepts and SQL - 3 s.h.

A study of the concepts and structures required to implement a database system including the logical design and physical organization of the database. Emphasis is given to the design and development of database systems that includes understanding and applying entity-relationship models. Implementation of a database using SQL on a database system is included.

CSIT4200 Machine Learning - 3 s.h.

A study of regression, kernels, support vector machines, clustering, Neural networks. Prerequisites: MATH3340, MATH2510, CSIT1200. (Students participating in the 4+1 Masters program in Data Science and Analytics should sign up for DSCI5370 Machine Learning.)

DSCI1500 Principles of Data Science and Analytics - 3 s.h.

Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4320 Applied AI and Data Science Capstone - 3 s.h.

This course provides a culminating, project-based experience in data science and artificial intelligence. Students work in teams using authentic data sets (often from community or company partners) to define a problem with a client, prepare and analyze data, and develop appropriate analytical and

AI/ML solutions. Teams communicate results and recommendations in professional written and oral formats. Prerequisites: CSIT4200 - Machine Learning.

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.

This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

Course list - Computer Science and Information Technology

Courses Offered

CSIT1060 Introduction to Web Development

CSIT1100 Principles of Computing (Python Programming)

CSIT1200 Data Structures and Algorithms

CSIT1900 Elementary Topics in Computing or Information Technology

CSIT2000 Individual Study

CSIT2010 Object Oriented Programming

CSIT2100 Intermediate Programming

CSIT2110 Introduction to Geographic Information Sciences (also SUST2100)

CSIT2220 Network and Cybersecurity Fundamentals

CSIT2260 Operating System Concepts and Linux System Administration

CSIT3000 Individual Study

CSIT3100 Operating Systems and Networks

CSIT3110 Artificial Intelligence: Theory and Practice

CSIT3120 Computer Networks and Network Security

CSIT3200 Systems Analysis and Design

CSIT3220 Cyber Defense and Digital Forensics

CSIT3300 Database Concepts and SQL

CSIT3330 Full Stack Web Development

CSIT3340 Software Engineering and Quality Management

CSIT3700 Internship in Computing and Information Technology

CSIT3710 Internship in Data Science (also MATH3710)

CSIT3800 Current Issues and Technologies

CSIT3900 Topics in Computer Science and Information Technology

CSIT4000 Individual Study

CSIT4100 Capstone Project

CSIT4110 Cloud Computing and Big Data Technologies

CSIT4150 Mobile App Development with Java

CSIT4200 Machine Learning

CSIT4210 Ethical Hacking and Penetration Testing

Course Descriptions

CSIT1060 Introduction to Web Development - 3 s.h.

Basics of how the World Wide Web works and web site construction using HTML and CSS. Related technology skills will be covered.

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics

such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

CSIT1200 Data Structures and Algorithms - 3 s.h.

Continuation of CSIT1100 with emphasis on more advanced programming that involve classic data structures such as arrays, dictionaries, linked lists, queues, stacks, and trees. Recursive techniques and efficiency considerations will also be covered. Prerequisite: CSIT1100.

CSIT1900 Elementary Topics in Computing or Information Technology - 1-3 s.h.

A study of selected elementary topics in computing or information technology that are not offered in the regular curriculum. May be repeated for credit when topics are different.

CSIT2000 Individual Study - 1-3 s.h.

CSIT2010 Object Oriented Programming - 3 s.h.

A study in the design and development of object-oriented programs in the Java language for those with basic programming skills. Project assignments will give students extensive practice in designing classes and extending class hierarchies in order to develop software solutions based on interacting objects. UML diagrams and unique features of the Java language will also be covered. Prerequisite: CSIT1100.

CSIT2100 Intermediate Programming - 1-3 s.h.

Intermediate-level programming using a specific programming language, tool-set, methodology, or genre such as COBOL, C++, PHP, Ajax, debuggers, etc. May be repeated for credit if the content is different. Scheduled course title and transcript listing will include the programming language or topic; e.g. Intermediate Programming - C++. Prerequisite: CSIT1100.

CSIT2110 Introduction to Geographic Information Sciences (also SUST2100) - 3 s.h.

Students will learn theoretical and practical foundations related to geographic information systems and spatial analysis. Emphasis on teaching students to integrate and analyze spatial information from various sources. Includes a weekly laboratory section. Prerequisite: MATH1380.

CSIT2220 Network and Cybersecurity Fundamentals - 3 s.h.

Gain an in-depth knowledge of network architectures and fundamental protocols like TCP/IP and HTTP. Learn how to design and secure network infrastructures using firewalls and

intrusion detection systems. Acquire the skills to defend against common cyber threats, including malware, phishing, and denial-of-service attacks, while implementing security best practices to maintain strong and resilient network defenses. Prerequisite: CSIT1100.

CSIT2260 Operating System Concepts and Linux System Administration - 3 s.h.

Explore the fundamental aspects of operating systems, including process management, memory allocation, and file systems. Acquire practical skills in managing Linux servers, automating tasks with shell scripting, and troubleshooting system issues. Build expertise in essential system administration tools, while learning best practices for secure and efficient server management. Prerequisite: CSIT1100.

CSIT3000 Individual Study - 1-3 s.h.

CSIT3100 Operating Systems and Networks - 3 s.h.

A study of operating systems and networking concepts such as multithreading, task management, storage management, local and wide area networks, TCP/IP (Internet protocols), security, and distributed systems. Prerequisite: CSIT1300 and CSIT2200. +This course is only offered every other year.

CSIT3110 Artificial Intelligence: Theory and Practice - 3 s.h.

Learn the foundational concepts of artificial intelligence (AI), covering machine learning, deep neural networks, reinforcement learning, natural language processing (NLP), and computer vision. Examine AI applications across various industries, including healthcare, finance, manufacturing, and autonomous systems. Practical expertise is developed through hands-on projects, focusing on building and training AI models to solve real-world challenges effectively. Prerequisite: DSCI1500 Principles of Data Science and Analytics.

CSIT3120 Computer Networks and Network Security - 3 s.h.

A study of networking technologies and network security. Topics include networking concepts, the OSI model, packet structure, and communication protocols as well as core concept of information security such as encryption, malware, and software exploitation. Course will require significant programming. Prerequisite: CSIT2240 (Computer Hardware and Operating Systems).

CSIT3200 Systems Analysis and Design - 3 s.h.

A study of current strategies and techniques to analyze and model information system requirements, covering managerial, behavioral, and technical components of the system's analysis and design process. Object-oriented software design will be emphasized. Prerequisite: CSIT2010.

CSIT3220 Cyber Defense and Digital Forensics - 3 s.h.

Acquire the skills to defend against cyber threats through advanced network monitoring, malware analysis, and forensic tools. Learn how to investigate cyber incidents, recover digital evidence, and analyze network traffic to detect and respond to attacks. Build proficiency in digital forensics and incident response, preparing for a career in cybersecurity and forensic investigation. Prerequisite: CSIT2220 Network and Cybersecurity Fundamentals.

CSIT3300 Database Concepts and SQL - 3 s.h.

A study of the concepts and structures required to implement a database system including the logical design and physical organization of the database. Emphasis is given to the design and development of database systems that includes understanding and applying entity-relationship models. Implementation of a database using SQL on a database system is included.

CSIT3330 Full Stack Web Development - 3 s.h.

Develop expertise in front-end and back-end web development using technologies like HTML, CSS, JavaScript, PHP, Node.js, and databases. Create responsive, dynamic user interfaces, design and implement RESTful APIs, and integrate back-end databases. Learn how to deploy web applications in production environments with a focus on optimizing performance and ensuring scalability. Prerequisite: CSIT1060 Introduction to Web Development.

CSIT3340 Software Engineering and Quality Management - 3 s.h.

Explore the full software development lifecycle, focusing on methodologies such as Agile and DevOps. Gain experience with version control tools like Git and learn to implement CI/CD pipelines for automated testing and deployment. Emphasize software quality through rigorous testing practices, identifying and resolving defects to deliver high-quality software solutions. Prerequisite: CSIT1100 Principles of Computing (Python Programming).

CSIT3700 Internship in Computing and Information Technology - 1-3 s.h.

This internship allows students to work with professionals in career areas relating to computing and information technology. Student will play an active role in identifying internship opportunities and field sponsors. May be repeated for a maximum of 9 semesters hours. (Graded on Pass/ Fail basis.) Prerequisite: Instructor's consent.

CSIT3710 Internship in Data Science (also MATH3710) - 3 s.h.

Application of data science skills and methods to client projects. Students will interact with clients and prepare formal reports and presentations. (Graded on Pass/ Fail basis.) Prerequisite: Instructor's consent.

CSIT3800 Current Issues and Technologies - 1-3 s.h.

Exploration of an issue or technology that has emerged or exists in a state of change. Typically there will be a significant hands-on component to the course. Course title will include a subtitle; e.g. Current Issues and Technologies – Data Mining. May be repeated for credit when the subtitle is different.

CSIT3900 Topics in Computer Science and Information Technology - 1-3 s.h.

A study of selected topics in computer science and information technology. May be repeated for credit when the topics are different.

CSIT4000 Individual Study - 1-3 s.h.

Research-level study, especially one in which a conference presentation or published paper is the goal. Prerequisite: Instructor's consent.

CSIT4100 Capstone Project - 1-3 s.h.

In-depth project in consultation with the sponsoring faculty member. Students will complete a project that requires design, interactivity and creativity. The project will include some technical aspects and complete documentation of the project is required. The project requires a formal presentation at completion. Prerequisite: Instructor's consent.

CSIT4110 Cloud Computing and Big Data Technologies - 3 s.h.

Course Description: This course covers major cloud platforms such as AWS and Azure, alongside big data technologies like Hadoop and Spark. The focus is on designing and deploying scalable applications in distributed systems. Practical experience is gained by utilizing cloud services for data storage, processing, and analysis, along with a thorough

understanding of big data management principles within cloud ecosystems.. Prerequisite: DSCI1500 Principles of Data Science and Analytics.

CSIT4150 Mobile App Development with Java - 3 s.h.

This course teaches students to design, develop, and deploy Android applications using Java and the Android SDK. Students will focus on essential components such as activities, intents, and services, while building user-friendly interfaces that respond to interactions. The course also covers integration with device features, performance optimization, and the process of publishing apps to the Google Play Store. Prerequisite: CSIT2010 Object-Oriented Programming.

CSIT4200 Machine Learning - 3 s.h.

A study of regression, kernels, support vector machines, clustering, Neural networks. Prerequisites: MATH3340, MATH2510, CSIT1200. (Students participating in the 4+1 Masters program in Data Science and Analytics should sign up for DSCI5370 Machine Learning.)

CSIT4210 Ethical Hacking and Penetration Testing - 3 s.h.

Gain proficiency in identifying system and network vulnerabilities using ethical hacking tools such as Metasploit and Burp Suite. Conduct detailed penetration tests to evaluate security measures and provide practical recommendations for improvement. Uphold ethical standards and confidentiality throughout the testing process to ensure responsible and secure practices. Prerequisite: CSIT2220 Network and Cybersecurity Fundamentals.

Bachelor of Science in Nursing



Nursing (Undergraduate)

The Nursing curriculum is carefully designed to integrate professional education with liberal arts and sciences. The program accommodates students beginning their education in nursing as well as students eligible for advanced placement. Graduates are prepared to provide nursing care in hospital and community health settings where beginning professional competence is expected.

The baccalaureate degree programs in Nursing are accredited by the Commission on Collegiate Nurse Education (CCNE) (https://www.aacnnursing.org/CCNE (https://www.aacnnursing.org/CCNE)) and are fully approved by the Iowa Board of Nursing, and the Missouri State Board of Nursing.

In accordance with Missouri requirements (Mo. Rev. Stat. §§ 335.046; 20 CSR 2200-4.020,1D) completion of the Graceland BSN degree does not guarantee eligibility to write the licensure examination since all applicants must be approved by the Board and have completed at least the high school course of study, or the

equivalent thereof as determined by the State Board of Education, as well as the basic professional curriculum at Graceland. A complete copy of the State of Missouri Nursing Practice Act 335.066 can be obtained from the Missouri State Board of Nursing. A resource for information regarding tuition, fees, and length of program is: Commission on Collegiate Nursing Education, 655 K Street, NW, Suite 750, Washington, DC 20001, 202-887-6791.

The Undergraduate Curriculum

Successful achievement in the humanities is basic to understanding the whole person and his/her response in health and illness. The well-prepared high school student usually spends four academic years completing the requirements for the Nursing major. Students will go to a variety of health care agencies for hands-on clinical experience while simultaneously completing the general education and Nursing major requirements.

Undergraduate Admission

Application for admission into the nursing program is evaluated on the basis of academic scholarship, writing ability, potential for success, references, and professionalism.

Admission to the major is competitive and is based on overall ranking. To be considered for admission, applicants must meet the following criteria:

1. Admission to Graceland University.
2. Indication of potential for academic success.
    1. Minimum of 2.50 (24-month track admits every January) or 2.75 (18-month track admits every July) cumulative or pre-requisite grade point average (GPA).
    2. Minimum grade of "C" in each course required for the major. Pass/fail options are not permitted in the required courses for the nursing major.
    3. Pre-licensure BSN Program:
       Science courses must have been completed within the last 10 years. (If the applicant is a licensed and practicing LPN, the science courses may have been completed with an unlimited time frame).
       – Chemistry
       – Anatomy and Physiology
       – Microbiology
       – Nutrition
       RN-BSN Program:
       – Science courses may have been completed with an unlimited timeframe.
    4. Prior to enrollment in the spring semester of the sophomore year, the applicant must have completed the following courses with a minimum number of hours listed and a minimum grade of "C" in each course:
        1. Introduction to Chemistry with evidence of inorganic, organic and biochemistry components. (3 s.h.)
           *Waive for students who earn a minimum score of 4 in Advanced Placement or IB high school course exams.
        2. Anatomy and Physiology with lab for all transfer students (6 s.h.)
           * BIOL3420 Human Anatomy and BIOL3440 Human Physiology will be required for all current Graceland students (8 s.h.)
        3. Microbiology with or without a lab (3 s.h.)

4. College level mathematics course from the following: MATH1280 College Algebra (3 s.h.) or MATH2350 Discrete Mathematics (3 s.h.) or MATH1510 Calculus I (4 s.h.)

5. Successful completion (with a minimum number of hours listed and a minimum grade of C in each course) by the end of the spring semester the sophomore year:
    1. Introduction to Psychology (3 s.h.)
    2. Developmental Psychology (3 s.h.)
    3. Introduction to Sociology or Cultural Anthropology (3 s.h.) (waived for current Graceland students)
    4. Nutrition (3 s.h.)
    5. Introduction to Statistics (3 s.h.)
    6. *BIOL3420 Human Anatomy and BIOL3440 Human Physiology (8 s.h.) will be required for all current Graceland students.
    7. Introduction to Philosophy or other acceptable philosophy course.
        1. Acceptable *GU courses* include: PHIL1100 Philosophy of Death and Dying, PHIL1120 Basic Ethics, PHIL2300 Basic Issues in Philosophy, PHIL2520 Medical Ethics and PHIL3100 World Philosophies and Religions.
        2. Acceptable *MCC courses* include: PHIL100 Introduction to Philosophy and PHIL102 World Philosophy.
        3. Courses not listed above will be accepted on a case-by-case matter.
    8. Medical Terminology (2 s.h.) (waived for practicing and licensed LPNs)
6. Prior to beginning the first nursing classes at Graceland, students applying must present a minimum of 60 s.h. of acceptable college work from an accredited college, including the courses listed previously in this section.
7. Minimum acceptable score on all required admission examinations.

3. Any RN-BSN student whose GPA falls in the range of 2.0 to 2.494 may be conditionally accepted to the major and allowed to take 12 s.h. of nursing courses. Students can continue in the program if they achieve a GPA of 2.50 (2.495) or better on those courses.
4. 2.5(5) from the Iowa Administrative Code, chapter 2, nursing educational programs: Nursing courses with a clinical component may not be taken by a person:
    1. who has been denied licensure by the board,
    2. whose license is currently suspended, surrendered or revoked in any United States jurisdiction,
    3. whose license/registration is currently suspended, surrendered or revoked in another country due to disciplinary action.

Early Decision Option Program of Study

Students can apply for the Early Decision Option Program of Study following their junior year of high school. Students who have demonstrated exceptional academic achievement and want to pursue a professional career in nursing may apply for early acceptance into the nursing program. Admission into this program is competitive.

The requirements for application include:

1. ACT of 24 or better (or SAT combined score of 1650)
2. Completion of college bound high school graduation requirements with a B or greater.
   Requirements include:

    1. 4 units of English/language arts
    2. 3 units of math
    3. 3 units of science

    4. 3 units of social studies
3. Maintain a 3.0 GPA on current coursework in high school
4. Submit two reference letters from an academic and employment source (two academic references may be used).
5. Submit an essay describing why you want to enter the profession of nursing and why you should be chosen for this program

Once accepted into the program, the progression requirements include:

1. Maintain a 3.0 on all college coursework (must obtain a C grade or better in all courses)
2. Follow suggested program of study
3. Send updated transcript following the end of each semester (unless attending GU)
4. Earn an acceptable score on all required admission examinations

Graduation Requirements

To qualify for graduation, each degree candidate must have:

Completed sufficient credit to total 120 semester hours.

Successfully completed all upper division (junior and senior level) semester hours.

Completed the University's general education requirements.

Earned a cumulative GPA of at least 2.0 on all work and at least a 2.0 GPA in major.

Fulfilled all financial obligations to Graceland University.

Filed an application for graduation with the Office of the Registrar at least six months prior to anticipated graduation date.

School of Nursing requests that the audit be completed spring of the junior year to ensure all requirements except for nursing have been met prior to the start of the senior year.

Academic Policies for the Nursing Major

1. Student whose cumulative grade point average falls below 2.00 will be placed on academic probation and be subject to review by the Undergraduate Student Affairs Committee.
2. A minimum grade of "C" must be earned in all nursing courses and in all supporting required courses. Students may be allowed to repeat or withdraw from a course one time. Students will be dismissed after failing the same nursing course two times. A student who earns a "D" or "F" in a second nursing course will be dismissed from the program.
3. Students may not move to another clinical nursing level until the current one is satisfactorily completed.
4. Non-academic dismissal:
    1. The Undergraduate Student Affairs Committee on behalf of the nursing faculty reserves the right to dismiss any student from the program whose health, professional conduct, theoretical, and/or clinical performance or conduct demonstrates an inability to continue preparation for a career in nursing. This may include violation of the academic integrity policy or breech of confidentiality.

Added Requirements

Nursing education maintains a close relationship with nursing practice. Students will be expected to meet additional requirements and expenses related to health examinations and immunizations, uniforms, transportation to clinical agencies, and liability insurance while enrolled in the junior and senior clinical nursing courses. Each student in the third and fourth year of the Nursing major needs to have their own reliable transportation. Specific information about these matters can be obtained from the School of Nursing.

BSN Degree - Nursing Major (Lamoni Campus)

In addition to the general education requirements, Lamoni Campus students majoring in Nursing must complete a concentration of 57.5 semester hours of professional Nursing courses and 33 semester hours of supporting course work. The minimum **total of semester hours required for graduation in Nursing is 120**.

Required Nursing Courses:

- NURS2420 Introduction to Nursing – 3 s.h.
- NURS2460 Health Assessment – 4 s.h.
- HMSC/NURS3115 Microbiology and Related Pathophysiology – 5 s.h.
- NURS3120 Fundamentals of Health Care – 4 s.h.
- NURS3160 Evidence Based Practice – 2 s.h.
- NURS3250 Adult Health Care I – 4 s.h.
- NURS3260 Adult Health Care II – 4 s.h.
- NURS3270 Psychosocial Aspects of Client Care – 4 s.h.
- NURS3451 Pharmacology I – 3 s.h.
- NURS3452 Pharmacology II – 2 s.h.
- NURS4170 Manager of Patient Care – 3 s.h.
- NURS4230 Care of the Mother and Child – 4 s.h.
- NURS4260 Critical Care Nursing – 4 s.h.
- NURS4340 Community Health Care – 3.5 s.h.
- NURS4390 Capstone Practicum – 8 s.h.

Required Supporting Courses:

- ATHT2500 Medical Terminology – 2 s.h.
- BIOL2300 Anatomy and Physiology I – 3 s.h.
- BIOL2310 Anatomy and Physiology II – 3 s.h.

CHEM1330 Introduction to General, Organic, and Biochemistry with Lab – 4 s.h.

COMM2110 Intercultural Communication – 3 s.h.

HIST1200 History of African Disapora – 3 s.h. **or one of the following courses:**

- HIST1560 United States Environmental History
- HIST2420 United States History Since 1877

HLTH2560 Nutrition – 3 s.h.

MATH1280 College Algebra – 3 s.h.

MATH1370 Statistics for Sciences – 3 s.h.

SOCI1300 Introduction to Sociology – 3 s.h.

PSYC2250 Developmental Psychology – 3 s.h.

Courses Offered

ATHT2500 Medical Terminology

BIOL2300 Anatomy and Physiology I with Lab (3-2)

BIOL2310 Anatomy and Physiology II (2-2)

CHEM1330 Introduction to General, Organic, and Biochemistry with Lab

COMM2110 Intercultural Communication

HIST1200 History of the African Diaspora

HIST1560 United States Environmental History

HIST2420 United States History Since 1877

HLTH2560 Nutrition

HMSC3115 Microbiology and Related Pathophysiology (also NURS3115)

MATH1280 College Algebra

MATH1370 Statistics for Sciences

NURS2420 Introduction to Nursing

NURS2460 Health Assessment

NURS3115 Microbiology and Related Pathophysiology (also HMSC3115)

NURS3120 Fundamentals of Health Care

NURS3160 Evidence Based Practice

NURS3250 Adult Health Care I

NURS3260 NURS3260 Adult Health Care II

NURS3270 Psychosocial Aspects of Client Care

NURS3440 Pathophysiology

NURS3451 Pharmacology I

NURS3452 Pharmacology II

NURS4170 Manager of Patient Care

NURS4230 Care of the Mother and Child

NURS4260 Critical Care Nursing

NURS4340 Community Health Care

NURS4390 Capstone Practicum

PSYC2250 Developmental Psychology

SOCI1300 Introduction to Sociology

Course Descriptions

ATHT2500 Medical Terminology - 2 s.h.

A self-study, programmed-based opportunity to learn and understand medical terminology. A grade of C or higher required to count toward the Allied Health major.

BIOL2300 Anatomy and Physiology I with Lab (3-2) - 4 s.h.

The study of structure and function of the human body. Topics will include: cells and homeostasis, muscles, bones, respiratory, nervous and cardiovascular. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) GE3D Liberal Learning-Natural Sciences

BIOL2310 Anatomy and Physiology II (2-2) - 3 s.h.

The study of structure and function of the human body. Topics will include: endocrine, digestive, excretory, reproductive, skin, lymphatic system, and blood. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.)

CHEM1330 Introduction to General, Organic, and Biochemistry with Lab - 4 s.h.

An introduction to the principles of inorganic, organic and biochemistry, including a study of atoms, chemical bonding, types of chemical reactions (focusing on ones in the cell), solution chemistry, introduction of biological molecules (proteins, lipids, carbohydrates, and nucleic acids). This course is intended for students desiring a general education in chemistry, those majoring in nursing or allied health fields and those that need it to fulfill the chemistry requirement for cell biology and genetics course. Prerequisite: MATH1280 or one year of high school algebra (C or better strongly recommended). Additional fees required. GE3D Liberal Learning-Natural Sciences

COMM2110 Intercultural Communication - 3 s.h.

An examination of concepts that have application to communication across cultural boundaries, with emphasis on relating them to effective intercultural communication skGE3C Liberal Learning-Humanities. ELO4 Global Learning - World Citizenship, ELO4 Global Learning - Equality and Peace, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

HIST1200 History of the African Diaspora - 3 s.h.

A history of the people of African descent in the Americas, including the United States, as well as the Caribbean, Central and South America. Issues of survival and resistance, the persistence of racism and white supremacy, and struggles for freedom, across countries and time periods, will be stressed. ELO5 Histories - Equality, ELO5 Histories - Equality and Peace, GE3B Liberal Learning-Histories.

HIST1560 United States Environmental History - 3 s.h.

An examination of the complex relationship between human society and nature from early settlements to the present in what is now the United States. Important topics include the impact of human settlement, population growth, use of land and natural resources, the effects of industrialization, and the development of the conservation and environmental movements. ELO5 Histories - Sustainability, GE3B Liberal Learning-Histories.

HIST2420 United States History Since 1877 - 3 s.h.

A survey of the personalities, events, and ideas that have shaped United States history since the Civil War and Reconstruction. Emphasis upon the rise of the industrial United States, 20th century adjustments to prosperity, depression and world war, and the political, social, and economic changes since World War II. ELO5 Histories - Innovation, GE3B Liberal Learning-Histories.

HLTH2560 Nutrition - 3 s.h.

A study the principles of nutrition as it relates to health, exercise, sports and disease. Students will be presented with applied content that includes research-based guidelines meant to help students differentiate between nutrition recommendations that are backed by science and the overabundance of false and misleading information. A grade of C or higher required to count toward the Allied Health major.

HMSC3115 Microbiology and Related Pathophysiology (also NURS3115) - 5 s.h.

This course will examine common microorganisms from viruses, bacteria, fungi, and more. Students will explore the relationship to the human body from symbiosis to pathogenesis and will develop an understanding of the disease process within the body and how these conditions are treated in modern healthcare.

MATH1280 College Algebra - 3 s.h.

Solutions of polynomial, rational and radical equations, systems of equations, matrices, sequences, series, functions, exponentials.. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1370 Statistics for Sciences - 3 s.h.

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

NURS2420 Introduction to Nursing - 3 s.h.

Introduces the roles and responsibilities of professional nursing. Introduces students to the historical, economic, political and legal/ethical trends in nursing. Introduces concepts necessary for scholarly writing using APA formatting.

NURS2460 Health Assessment - 4 s.h.

Focuses on learning foundational assessment skills. Systematic holistic nursing process approach to health history and physical examination for the purpose of differentiating normal from abnormal states of health and critical assessment of client needs. Application of concepts are facilitated in the laboratory experience. (For on campus BSN-RN students only.) Prerequisite: NURS2010.

NURS3115 Microbiology and Related Pathophysiology (also HMSC3115) - 5 s.h.

This course will examine common microorganisms from viruses, bacteria, fungi, and more. Students will explore the relationship to the human body from symbiosis to pathogenesis and will develop an understanding of the disease process within the body and how these conditions are treated in modern healthcare.

NURS3120 Fundamentals of Health Care - 4 s.h.

Introduction to basic concepts and psychomotor skills necessary to provide therapeutic interventions for individual clients. Laboratory and clinical experience provided. Prerequisites: NURS2420, 2460, 2470.

NURS3160 Evidence Based Practice - 2 s.h.

Study of the evidence-based practice research process to develop informed consumers of nursing research. Exploration of the application of the research evidence to the health care environment. Prerequisites: BSN-RN students only, NURS3120, 3270, 3440, 3451.

NURS3250 Adult Health Care I - 4 s.h.

Focus on the development of abilities to manage the care of adults, at various life stages, in a variety of health care settings. Emphasis on person-centered communication and application of cognitive, psychomotor and affective skills in providing basic nursing care to clients and their families. Prerequisites: NURS3120, 3270, 3440, 3451.

NURS3260 NURS3260 Adult Health Care II - 4 s.h.

Focus on the development of abilities to manage the care of adults, at various life stages, in a variety of health care settings. Emphasis on person-centered communication and application of cognitive, psychomotor and affective skills in providing family centered nursing care to individuals and groups of clients. Prerequisites: NURS3120, 3270, 3440, 3451.

NURS3270 Psychosocial Aspects of Client Care - 4 s.h.

Emphasis on promotion of healthy individual and family system responses to psychosocial stressors (violence, poverty, substance abuse). Psychopathology will be explored with opportunities to practice primary, secondary, and tertiary nursing interventions in the clinical setting. Prerequisites: NURS2420, 2460, 2470.

NURS3440 Pathophysiology - 3 s.h.

Study of the concepts and altered processes of organs, cells, and biochemical functions of the systems related to homeostasis, neural control and integration. Prerequisites: NURS2420, 2460, 2470.

NURS3451 Pharmacology I - 3 s.h.

Introduces students to the principles of pharmacology and their application to nursing. Emphasizes drug classifications of pharmacological agents, their actions, side effects, uses and nursing responsibilities regarding administration and basic calculations of medication administration for all routes of administration. Prerequisites: NURS2420, 2460, 2470.

NURS3452 Pharmacology II - 2 s.h.

Continues investigation of pharmacology with specific medications that are seen in the clinical setting from the various drug classifications and medications used in advanced adult health settings. Drug calculations include those for the critical care setting and those using the intravenous route.

NURS4170 Manager of Patient Care - 3 s.h.

Discusses management of patient care in a clinical setting in the capacity of unit manager, charge nurse and patient care coordinator. Focuses on knowledge, skills, abilities, and resources required to lead an interdisciplinary team to achieve excellence and high quality outcomes. Prerequisites: NURS3160, 3250, 3260, 4340.

NURS4230 Care of the Mother and Child - 4 s.h.

This course focuses on holistic approach to acute illnesses and health promotion of culturally diverse women, children (birth through adolescence) and families throughout their lifespans. Emphasis is placed on providing a culturally sensitive and holistic approach to health promotion and intervention in the care of newly formed families moving from preconception through the neonatal period. Additionally, emphasis is placed on quality of care, safety and developmental stages of childhood and appropriate nursing interventions in the home and acute care settings. Prerequisites: NURS3160, 3250, 3260, 3452, 4340.

NURS4260 Critical Care Nursing - 4 s.h.

Emphasis on the key concepts required to deliver care to clients and their families during severe physiological stress. Importance placed on critical thinking to analyze the relationship between multidimensional stressors in the midst of critical illness. Prerequisites: NURS4170, 4220, 4480.

NURS4340 Community Health Care - 3.5 s.h.

Focuses on community/public health issues with the family and community as clients, including community assessment and the examination of a variety of core concepts in the practice of community/public health nursing. Topics include epidemiology, community focused health promotion, and prevention within a sociopolitical environment. Prerequisites: NURS3120, 3270, 3440, 3451.

NURS4390 Capstone Practicum - 8 s.h.

Emphasis on advanced cognitive, psychomotor and affective skills and therapeutic communication in the care of clients and families in acute-care settings. Prerequisites: NURS4170, 4220, 4480.

PSYC2250 Developmental Psychology - 3 s.h.

The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

SOCI1300 Introduction to Sociology - 3 s.h.

Introduction to the perspective of sociology, its basic concepts and principles and an overview of the field.Includes study of social classes, sex roles, crime and deviance, socialization, social movements and others. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace

BSN Degree - Nursing Major (Beginning Professional Students - Independence Campus)

In addition to the essential education requirements, beginning professional students majoring in Nursing must complete a concentration of 59.5 semester hours of professional Nursing courses and 39 semester hours of supporting course work. The minimum **total of semester hours required for graduation in Nursing is 120**.

Required Nursing Courses:

- NURS2420 Introduction to Nursing – 3 s.h.
- NURS2460 Health Assessment – 4 s.h.
- NURS2470 Informatics for Health Care – 2 s.h.
- NURS3120 Fundamentals of Health Care – 4 s.h.
- NURS3160 Evidence Based Practice – 2 s.h.
- NURS3250 Adult Health Care I – 4 s.h.
- NURS3260 Adult Health Care II – 4 s.h.
- NURS3270 Psychosocial Aspects of Client Care – 4 s.h.
- NURS3440 Pathophysiology – 3 s.h.
- NURS3451 Pharmacology I – 3 s.h.
- NURS3452 Pharmacology II – 2 s.h.
- NURS4170 Manager of Patient Care – 3 s.h.
- NURS4230 Care of the Mother and Child – 4 s.h.
- NURS4260 Critical Care Nursing – 4 s.h.
- NURS4340 Community Health Care – 3.5 s.h.
- NURS4390 Capstone Practicum – 8 s.h.
- NURS4480 Trends and Issues – 2 s.h.

Required Supporting Courses:

- ATHT2500 Medical Terminology – 2 s.h.
- BIOL3420 Human Anatomy – 4 s.h.
- BIOL3440 Human Physiology – 4 s.h.
- BIOL2360 Microbiology – 4 s.h.
- CHEM1330 Introduction to General, Organic, and Biochemistry with Lab – 4 s.h.

HLTH2560 Nutrition – 3 s.h.

MATH1280 College Algebra (preferred) **or**
MATH1310 Mathematical Concepts I – 3 s.h.

MATH1380 Introduction to Statistics – 3 s.h.

PHIL2300 Basic Issues in Philosophy – 3 s.h. **or one of the following courses:**

- PHIL3100 World Philosophies and Religions
- PHIL1120 Basic Ethics
- PHIL2520 Medical Ethics

SOCI1300 Introduction to Sociology (preferred) **or**
SOCI1350 Cultural Anthropology – 3 s.h.

PSYC1300 Introductory Psychology – 3 s.h.

PSYC2250 Developmental Psychology – 3 s.h.

Courses Offered

ATHT2500 Medical Terminology

BIOL2360 Microbiology with Lab

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

HLTH2560 Nutrition

MATH1280 College Algebra

MATH1310 Mathematical Concepts

NURS2420 Introduction to Nursing

NURS2460 Health Assessment

NURS2470 Informatics for Health Care

NURS3120 Fundamentals of Health Care

NURS3160 Evidence Based Practice

NURS3250 Adult Health Care I

NURS3260 NURS3260 Adult Health Care II

NURS3270 Psychosocial Aspects of Client Care

NURS3440 Pathophysiology

NURS3451 Pharmacology I

NURS3452 Pharmacology II

NURS4170 Manager of Patient Care

NURS4230 Care of the Mother and Child

NURS4260 Critical Care Nursing

NURS4340 Community Health Care

NURS4390 Capstone Practicum

NURS4480 Trends and Issues

PHIL1120 Basic Ethics (also RELG1120)

PHIL2300 Basic Issues in Philosophy

PHIL2520 Medical Ethics

PHIL3100 World Philosophies & Religion: Great Texts (also RELG3100)

PSYC1300 Introductory Psychology

PSYC2250 Developmental Psychology

SOCI1300 Introduction to Sociology

SOCI1350 Cultural Anthropology

Course Descriptions

ATHT2500 Medical Terminology - 2 s.h.

A self-study, programmed-based opportunity to learn and understand medical terminology. A grade of C or higher required to count toward the Allied Health major.

BIOL2360 Microbiology with Lab - 4 s.h.

Students will learn about immunology, bacteriology, mycology, and virology. Emphasis will be placed on the cellular mechanism and role of microbial pathogens (bacteria) and agents (viruses, prions) affecting human health and how they are treated. Additional fee required. Prerequisite: BIOL2100 or instructor's consent.

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

HLTH2560 Nutrition - 3 s.h.

A study the principles of nutrition as it relates to health, exercise, sports and disease. Students will be presented with applied content that includes research-based guidelines meant to help students differentiate between nutrition recommendations that are backed by science and the overabundance of false and misleading information. A grade of C or higher required to count toward the Allied Health major.

MATH1280 College Algebra - 3 s.h.

Solutions of polynomial, rational and radical equations, systems of equations, matrices, sequences, series, functions, exponentials.. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1310 Mathematical Concepts - 3 s.h.

A systematic development of whole number systems, geometry, set theory, counting, measurement, and algebra.. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

NURS2420 Introduction to Nursing - 3 s.h.

Introduces the roles and responsibilities of professional nursing. Introduces students to the historical, economic, political and legal/ethical trends in nursing. Introduces concepts necessary for scholarly writing using APA formatting.

NURS2460 Health Assessment - 4 s.h.

Focuses on learning foundational assessment skills. Systematic holistic nursing process approach to health history and physical examination for the purpose of differentiating normal from abnormal states of health and critical assessment of client needs. Application of concepts are facilitated in the laboratory experience. (For on campus BSN-RN students only.) Prerequisite: NURS2010.

NURS2470 Informatics for Health Care - 2 s.h.

An introduction to the basic concepts and skills associated with the use of technology as it relates to nursing and electronic healthcare systems. The content will provide a conceptual foundation and hands-on exposure to the use of information management in nursing which is necessary in providing quality patient care.

NURS3120 Fundamentals of Health Care - 4 s.h.

Introduction to basic concepts and psychomotor skills necessary to provide therapeutic interventions for individual clients. Laboratory and clinical experience provided. Prerequisites: NURS2420, 2460, 2470.

NURS3160 Evidence Based Practice - 2 s.h.

Study of the evidence-based practice research process to develop informed consumers of nursing research. Exploration of the application of the research evidence to the health care environment. Prerequisites: BSN-RN students only, NURS3120, 3270, 3440, 3451.

NURS3250 Adult Health Care I - 4 s.h.

Focus on the development of abilities to manage the care of adults, at various life stages, in a variety of health care settings. Emphasis on person-centered communication and application of cognitive, psychomotor and affective skills in providing basic nursing care to clients and their families. Prerequisites: NURS3120, 3270, 3440, 3451.

NURS3260 NURS3260 Adult Health Care II - 4 s.h.

Focus on the development of abilities to manage the care of adults, at various life stages, in a variety of health care settings. Emphasis on person-centered communication and application of cognitive, psychomotor and affective skills in providing family centered nursing care to individuals and groups of clients. Prerequisites: NURS3120, 3270, 3440, 3451.

NURS3270 Psychosocial Aspects of Client Care - 4 s.h.

Emphasis on promotion of healthy individual and family system responses to psychosocial stressors (violence, poverty, substance abuse). Psychopathology will be explored with opportunities to practice primary, secondary, and tertiary nursing interventions in the clinical setting. Prerequisites: NURS2420, 2460, 2470.

NURS3440 Pathophysiology - 3 s.h.

Study of the concepts and altered processes of organs, cells, and biochemical functions of the systems related to homeostasis, neural control and integration. Prerequisites: NURS2420, 2460, 2470.

NURS3451 Pharmacology I - 3 s.h.

Introduces students to the principles of pharmacology and their application to nursing. Emphasizes drug classifications of pharmacological agents, their actions, side effects, uses and nursing responsibilities regarding administration and basic calculations of medication administration for all routes of administration. Prerequisites: NURS2420, 2460, 2470.

NURS3452 Pharmacology II - 2 s.h.

Continues investigation of pharmacology with specific medications that are seen in the clinical setting from the various drug classifications and medications used in advanced adult health settings. Drug calculations include those for the critical care setting and those using the intravenous route.

NURS4170 Manager of Patient Care - 3 s.h.

Discusses management of patient care in a clinical setting in the capacity of unit manager, charge nurse and patient care coordinator. Focuses on knowledge, skills, abilities, and resources required to lead an interdisciplinary team to achieve excellence and high quality outcomes. Prerequisites: NURS3160, 3250, 3260, 4340.

NURS4230 Care of the Mother and Child - 4 s.h.

This course focuses on holistic approach to acute illnesses and health promotion of culturally diverse women, children (birth through adolescence) and families throughout their lifespans. Emphasis is placed on providing a culturally sensitive and holistic approach to health promotion and intervention in the care of newly formed families moving from preconception through the neonatal period. Additionally, emphasis is placed on quality of care, safety and developmental stages of childhood and appropriate nursing interventions in the home and acute care settings. Prerequisites: NURS3160, 3250, 3260, 3452, 4340.

NURS4260 Critical Care Nursing - 4 s.h.

Emphasis on the key concepts required to deliver care to clients and their families during severe physiological stress. Importance placed on critical thinking to analyze the relationship between multidimensional stressors in the midst of critical illness. Prerequisites: NURS4170, 4220, 4480.

NURS4340 Community Health Care - 3.5 s.h.

Focuses on community/public health issues with the family and community as clients, including community assessment and the examination of a variety of core concepts in the practice of community/public health nursing. Topics include epidemiology, community focused health promotion, and prevention within a sociopolitical environment. Prerequisites: NURS3120, 3270, 3440, 3451.

NURS4390 Capstone Practicum - 8 s.h.

Emphasis on advanced cognitive, psychomotor and affective skills and therapeutic communication in the care of clients and families in acute-care settings. Prerequisites: NURS4170, 4220, 4480.

NURS4480 Trends and Issues - 2 s.h.

Examines the social, cultural, political, legal, economic, and ethical issues that surround the practice of professional nursing. Explores the concepts that prepare the graduate for entry into the professional role. Prerequisites: NURS3160, 3250, 3260, 4340.

PHIL1120 Basic Ethics (also RELG1120) - 3 s.h.

Introduction to basic ways of thinking and acting ethically. Examines basic ethical theories, both religious and philosophical, but focuses on practical, daily application of sound values and ethical consciousness.

PHIL2300 Basic Issues in Philosophy - 3 s.h.

An introduction to some of the traditional theories of knowledge, reality, and value, and an interpretation of their relevance to the modern world.

PHIL2520 Medical Ethics - 3 s.h.

An exploration of contemporary ethical issues in modern medicine. The course will begin with an introduction to ethical theories and principles, and then apply these to specific problems in health care.

PHIL3100 World Philosophies & Religion: Great Texts (also RELG3100) - 3 s.h.

A reading of great texts in world philosophies and religions; E.g., The Qur'an (Islam), The Upanishads and The Bhagavad Gita (Hinduism), The Dhammapada (Buddhism), The Analects of Confucius and Tao Te Ching (Confucianism), the Bible, and other works by important religious/philosophical thinkers, old and new.

PSYC1300 Introductory Psychology - 3 s.h.

An introductory survey of psychological methods and thoughts as they relate to human experience and behavior. Topics include the role of the central nervous system in mediating behavior, learning and memory, states of awareness, motivation and emotion, personality, psychological disorders, and therapy. ELO5 Social Science – Innovation, GE3E Liberal Learning-Social Sciences.

PSYC2250 Developmental Psychology - 3 s.h.

The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

SOCI1300 Introduction to Sociology - 3 s.h.

Introduction to the perspective of sociology, its basic concepts and principles and an overview of the field.Includes study of social classes, sex roles, crime and deviance, socialization, social movements and others. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace

SOCI1350 Cultural Anthropology - 3 s.h.
Survey and analysis of diverse cultural patterns. +This course is only offered every other year.

BSN Degree - Nursing Major (LPN-BSN "Bridge" Program - Independence Campus)

In addition to the essential education requirements, Licensed Practical Nurses (LPN) participating in the "Bridge" program and majoring in Nursing must complete a concentration of 47.5 semester hours of professional Nursing courses and 39 semester hours of supporting course work. "Bridge" program students will also receive 15 s.h. of experiential learning credit upon official verification of LPN licensure. The minimum **total of semester hours required for graduation in Nursing is 120**.

Required Nursing Courses:

- NURS3170 Evidence Based Practice for Practicing Nurse – 3 s.h.
- NURS3250 Adult Health Care I – 4 s.h.
- NURS3260 Adult Health Care II – 4 s.h.
- NURS3270 Psychosocial Aspects of Client Care – 4 s.h.
- NURS3440 Pathophysiology – 3 s.h.
- NURS3451 Pharmacology I – 3 s.h.
- NURS3452 Pharmacology II – 2 s.h.
- NURS4170 Manager of Patient Care – 3 s.h.
- NURS4230 Care of the Mother and Child – 4 s.h.
- NURS4260 Critical Care Nursing – 4 s.h.
- NURS4340 Community Health Care – 3.5 s.h.
- NURS4390 Capstone Practicum – 8 s.h.
- NURS4480 Trends and Issues – 2 s.h.

Required Supporting Courses:

- ATHT2500 Medical Terminology – 2 s.h.
- BIOL3420 Human Anatomy – 4 s.h.
- BIOL3440 Human Physiology – 4 s.h.
- BIOL2360 Microbiology – 4 s.h.
- CHEM1330 Introduction to General, Organic, and Biochemistry with Lab – 4 s.h.
- HLTH2560 Nutrition – 3 s.h.

MATH1280 College Algebra (preferred) **or**
MATH1310 Mathematical Concepts I – 3 s.h.

MATH1380 Introduction to Statistics – 3 s.h.

PHIL2300 Basic Issues in Philosophy – 3 s.h. **or one of the following courses:**

- PHIL3100 World Philosophies and Religions
- PHIL1120 Basic Ethics
- PHIL2520 Medical Ethics

SOCI1300 Introduction to Sociology (preferred) **or**
SOCI1350 Cultural Anthropology – 3 s.h.

PSYC1300 Introductory Psychology – 3 s.h.

PSYC2250 Developmental Psychology – 3 s.h.

Courses Offered

NURS3170 Evidence Based Practice for Practicing Nurse

NURS3250 Adult Health Care I

NURS3260 NURS3260 Adult Health Care II

NURS3270 Psychosocial Aspects of Client Care

NURS3440 Pathophysiology

NURS3451 Pharmacology I

NURS3452 Pharmacology II

NURS4170 Manager of Patient Care

NURS4230 Care of the Mother and Child

NURS4260 Critical Care Nursing

NURS4340 Community Health Care

NURS4390 Capstone Practicum

NURS4480 Trends and Issues

Course Descriptions

NURS3170 Evidence Based Practice for Practicing Nurse - 3 s.h.

Study of the evidence-based practice research process to develop informed consumers of nursing research. Exploration of the application of the research evidence to the health care environment. Prerequisites: RN-BSN students only, NURS3120, 3270, 3440, 3451.

NURS3250 Adult Health Care I - 4 s.h.

Focus on the development of abilities to manage the care of adults, at various life stages, in a variety of health care settings. Emphasis on person-centered communication and application of cognitive, psychomotor and affective skills in providing basic nursing care to clients and their families. Prerequisites: NURS3120, 3270, 3440, 3451.

NURS3260 NURS3260 Adult Health Care II - 4 s.h.

Focus on the development of abilities to manage the care of adults, at various life stages, in a variety of health care settings. Emphasis on person-centered communication and application of cognitive, psychomotor and affective skills in providing family centered nursing care to individuals and groups of clients. Prerequisites: NURS3120, 3270, 3440, 3451.

NURS3270 Psychosocial Aspects of Client Care - 4 s.h.

Emphasis on promotion of healthy individual and family system responses to psychosocial stressors (violence, poverty, substance abuse). Psychopathology will be explored with opportunities to practice primary, secondary, and tertiary nursing interventions in the clinical setting. Prerequisites: NURS2420, 2460, 2470.

NURS3440 Pathophysiology - 3 s.h.

Study of the concepts and altered processes of organs, cells, and biochemical functions of the systems related to homeostasis, neural control and integration. Prerequisites: NURS2420, 2460, 2470.

NURS3451 Pharmacology I - 3 s.h.

Introduces students to the principles of pharmacology and their application to nursing. Emphasizes drug classifications of pharmacological agents, their actions, side effects, uses and nursing responsibilities regarding administration and basic calculations of medication administration for all routes of administration. Prerequisites: NURS2420, 2460, 2470.

NURS3452 Pharmacology II - 2 s.h.

Continues investigation of pharmacology with specific medications that are seen in the clinical setting from the various drug classifications and medications used in advanced adult health settings. Drug calculations include those for the critical care setting and those using the intravenous route.

NURS4170 Manager of Patient Care - 3 s.h.

Discusses management of patient care in a clinical setting in the capacity of unit manager, charge nurse and patient care coordinator. Focuses on knowledge, skills, abilities, and resources required to lead an interdisciplinary team to achieve excellence and high quality outcomes. Prerequisites: NURS3160, 3250, 3260, 4340.

NURS4230 Care of the Mother and Child - 4 s.h.

This course focuses on holistic approach to acute illnesses and health promotion of culturally diverse women, children (birth through adolescence) and families throughout their lifespans. Emphasis is placed on providing a culturally sensitive and holistic approach to health promotion and intervention in the care of newly formed families moving from preconception through the neonatal period. Additionally, emphasis is placed on quality of care, safety and developmental stages of childhood and appropriate nursing interventions in the home and acute care settings. Prerequisites: NURS3160, 3250, 3260, 3452, 4340.

NURS4260 Critical Care Nursing - 4 s.h.
Emphasis on the key concepts required to deliver care to clients and their families during severe physiological stress. Importance placed on critical thinking to analyze the relationship between multidimensional stressors in the midst of critical illness. Prerequisites: NURS4170, 4220, 4480.

NURS4340 Community Health Care - 3.5 s.h.
Focuses on community/public health issues with the family and community as clients, including community assessment and the examination of a variety of core concepts in the practice of community/public health nursing. Topics include epidemiology, community focused health promotion, and prevention within a sociopolitical environment. Prerequisites: NURS3120, 3270, 3440, 3451.

NURS4390 Capstone Practicum - 8 s.h.
Emphasis on advanced cognitive, psychomotor and affective skills and therapeutic communication in the care of clients and families in acute-care settings. Prerequisites: NURS4170, 4220, 4480.

NURS4480 Trends and Issues - 2 s.h.
Examines the social, cultural, political, legal, economic, and ethical issues that surround the practice of professional nursing. Explores the concepts that prepare the graduate for entry into the professional role. Prerequisites: NURS3160, 3250, 3260, 4340.

BSN Degree - Nursing Major (RN-BSN Students)

Registered Nurses looking for online BSN programs have several advanced placement options. Recent graduates of Iowa schools approved to participate in the Iowa Articulation Program may receive 64 s.h. of credit upon admission to Graceland. Students may also receive 64 s.h. of credit after successfully completing three Iowa Articulation courses that are offered at various community colleges in the state. Students from out of state may receive 28 s.h. of upper division escrow credit upon successful completion of NURS3460 Professionalism in Nursing and payment of recording fees for upper division courses. For complete information see School of Nursing brochure "articulation options".

The following required nursing courses will be met by the Iowa Articulation Program or escrow credit:

NURS2420 Introduction to Nursing – 3 s.h.
NURS3120 Fundamentals of Health Care – 4 s.h.
NURS3250 Adult Health Care I – 4 s.h.
NURS3260 Adult Health Care II – 4 s.h.
NURS3270 Psychosocial Aspects of Client Care – 4 s.h.
NURS4220 Maternal and Newborn Care – 4 s.h.
NURS4240 Pediatric Nursing – 4 s.h.
NURS4910 Leadership Roles in Nursing – 1 s.h.

Nursing courses required to be taken at Graceland:

NURS3110 Health Assessment for Practicing Nurse – 3 s.h.
NURS3170 Evidence Based Practice for Practicing Nurse – 3 s.h.

NURS3430 Pathophysiology and Related Pharmacology – 3 s.h.

NURS3460 Professionalism in Nursing – 3 s.h.

NURS4160 Leadership Roles in Nursing – 3 s.h.

NURS4280 Global Health and Policy Issues – 3 s.h.

NURS4350 Population Health Nursing – 3 s.h.

NURS4411 Informatics for the Practicing Nurse – 2 s.h.

NURS4420 Current Issues in Healthcare – 2 s.h.

NURS4460 Senior Capstone – 3 s.h.

Required Supporting Courses:

BIOL3420 Human Anatomy – 4 s.h.

BIOL3440 Human Physiology – 4 s.h.

BIOL2350 Introduction to Microbiology – 4 s.h.

HLTH2560 Nutrition – 3 s.h.

MATH1380 Introduction to Statistics – 3 s.h.

SOCI1300 Introduction to Sociology (preferred) **or**

SOCI1350 Cultural Anthropology – 3 s.h.

PSYC1300 Introductory Psychology – 3 s.h.

PSYC2250 Developmental Psychology – 3 s.h.

Courses Offered

BIOL2350 Introduction to Microbiology

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

HLTH2560 Nutrition

NURS2420 Introduction to Nursing

NURS3110 Health Assessment for the Practicing Nurse

NURS3120 Fundamentals of Health Care

NURS3170 Evidence Based Practice for Practicing Nurse

NURS3250 Adult Health Care I

NURS3260 NURS3260 Adult Health Care II

NURS3270 Psychosocial Aspects of Client Care

NURS3430 Pathophysiology and Related Pharmacology

NURS3460 Professionalism in Nursing

NURS4160 Leadership Roles in Nursing

NURS4220 Maternal and Newborn Care

NURS4240 Pediatric Nursing

NURS4280 Global Health and Policy Issues

NURS4350 Population Health Nursing

NURS4411 Informatics for the Practicing Nurse

NURS4420 Current Issues in Healthcare

NURS4460 Senior Capstone

PSYC1300 Introductory Psychology

PSYC2250 Developmental Psychology

SOCI1300 Introduction to Sociology

SOCI1350 Cultural Anthropology

Course Descriptions

BIOL2350 Introduction to Microbiology - 4 s.h.

Students will learn about immunology, bacteriology, mycology, and virology. Emphasis will be placed on the cellular mechanisms and role of microbial pathogens (bacteria) and agents (viruses, prions) affecting human health and how they are treated. Credit is not allowed for this course and BIOL2360. Prerequisites: CHEM1330 or BIOL2100 or instructors consent or enrollment in the RN to BSN program.

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

HLTH2560 Nutrition - 3 s.h.

A study the principles of nutrition as it relates to health, exercise, sports and disease. Students will be presented with applied content that includes research-based guidelines meant to help students differentiate between nutrition recommendations that are backed by science and the overabundance of false and misleading information. A grade of C or higher required to count toward the Allied Health major.

NURS2420 Introduction to Nursing - 3 s.h.

Introduces the roles and responsibilities of professional nursing. Introduces students to the historical, economic, political and legal/ethical trends in nursing. Introduces concepts necessary for scholarly writing using APA formatting.

NURS3110 Health Assessment for the Practicing Nurse - 3 s.h.

Focuses on expanding assessment skills in current professional role. Systematic holistic nursing process approach to health history and physical examination for the purpose of differentiating normal from abnormal states of health and critical assessment of client needs in acute care and community settings. Application of concepts are facilitated in the virtual learning environment. (For online RN-BSN students only.)

NURS3120 Fundamentals of Health Care - 4 s.h.

Introduction to basic concepts and psychomotor skills necessary to provide therapeutic interventions for individual clients. Laboratory and clinical experience provided. Prerequisites: NURS2420, 2460, 2470.

NURS3170 Evidence Based Practice for Practicing Nurse - 3 s.h.

Study of the evidence-based practice research process to develop informed consumers of nursing research. Exploration of the application of the research evidence to the health care environment. Prerequisites: RN-BSN students only, NURS3120, 3270, 3440, 3451.

NURS3250 Adult Health Care I - 4 s.h.

Focus on the development of abilities to manage the care of adults, at various life stages, in a variety of health care settings. Emphasis on person-centered communication and application of cognitive, psychomotor and affective skills in providing basic nursing care to clients and their families. Prerequisites: NURS3120, 3270, 3440, 3451.

NURS3260 NURS3260 Adult Health Care II - 4 s.h.

Focus on the development of abilities to manage the care of adults, at various life stages, in a variety of health care settings. Emphasis on person-centered communication and application of cognitive, psychomotor and affective skills in providing family centered nursing care to individuals and groups of clients. Prerequisites: NURS3120, 3270, 3440, 3451.

NURS3270 Psychosocial Aspects of Client Care - 4 s.h.

Emphasis on promotion of healthy individual and family system responses to psychosocial stressors (violence, poverty, substance abuse). Psychopathology will be explored with opportunities to practice primary, secondary, and tertiary nursing interventions in the clinical setting. Prerequisites: NURS2420, 2460, 2470.

NURS3430 Pathophysiology and Related Pharmacology - 3 s.h.

Study of the concepts and altered processes of organs, cells, and biochemical functions of systems related to homeostasis, neural control and integration. Related pharmacology with application of principles to nursing practice will be integrated throughout.

NURS3460 Professionalism in Nursing - 3 s.h.

A transitional course to prepare the RN student for entry into baccalaureate nursing and continuing socialization into the profession. Exploration of major curricular and historical concepts. Prerequisite: Nursing major with junior standing.

NURS4160 Leadership Roles in Nursing - 3 s.h.

Examination of leadership, management, role, and change theories. Emphasis on acquiring the knowledge, skills, abilities, and resources required to lead an interdisciplinary team to achieve excellence and high quality outcomes. Prerequisites: Junior level nursing courses.

NURS4220 Maternal and Newborn Care - 4 s.h.

Study of women's health across the lifespan with an emphasis on maternity/newborn care. Employs holistic approach to health promotion and intervention. Prerequisites: Junior level nursing courses. Prerequisites: NURS3170, 3250, 3260, 4340.

NURS4240 Pediatric Nursing - 4 s.h.

NURS4240 Pediatric Nursing 4 s.h. Investigates a holistic, family focus on acute illness and health promotion for pediatric patients from birth through adolescence. An emphasis on developmental stages of childhood and nursing interventions within the home and acute care settings and the impact of societal and family decisions on childhood growth and development. Prerequisites: NURS4170, 4220, 4480.

NURS4280 Global Health and Policy Issues - 3 s.h.

The course focuses on an analysis of the forces shaping our community and global health patterns. Drawing on multidisciplinary sources, this course explores the impact of these global processes as they manifest in the health of our own and other societies. Emphasis is placed on analysis of the broad cultural, environmental, social-economic, and political systems that contribute to health status and outcomes, health policies, and health care delivery around the world.

NURS4350 Population Health Nursing - 3 s.h.

NURS4350 Population Health Nursing 3 s.h. Emphasis on the community as client and population groups within the community, including a comprehensive community assessment, the exploration of epidemiology, disaster nursing, community-focused health promotion, and prevention within sociopolitical environment.

NURS4411 Informatics for the Practicing Nurse - 2 s.h.

This course builds on a basic understanding of technology as it relates to nursing and electronic healthcare systems. The content will prepare students to effectively and efficiently use technology to identify and manage health care information and data.

NURS4420 Current Issues in Healthcare - 2 s.h.

Continuing exploration of current health care issues facing the nursing profession using a critical thinking process designed to move the RN student into the professional baccalaureate role for practice in the 21st century. Prerequisites: Nursing major with senior standing and NURS3460.

NURS4460 Senior Capstone - 3 s.h.

Synthesize new knowledge with past knowledge and skills to provide a higher level of indirect and/or direct care to clients in a variety of health care environments. Integrate knowledge from prior courses to develop, implement, and evaluate a project with the intention of improving health outcomes for individuals, families, groups, communities, or populations. Prerequisite: NURS4160.

PSYC1300 Introductory Psychology - 3 s.h.
An introductory survey of psychological methods and thoughts as they relate to human experience and behavior. Topics include the role of the central nervous system in mediating behavior, learning and memory, states of awareness, motivation and emotion, personality, psychological disorders, and therapy. ELO5 Social Science – Innovation, GE3E Liberal Learning-Social Sciences.

PSYC2250 Developmental Psychology - 3 s.h.
The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

SOCI1300 Introduction to Sociology - 3 s.h.
Introduction to the perspective of sociology, its basic concepts and principles and an overview of the field.Includes study of social classes, sex roles, crime and deviance, socialization, social movements and others. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace

SOCI1350 Cultural Anthropology - 3 s.h.
Survey and analysis of diverse cultural patterns. +This course is only offered every other year.

Course List - Nursing (Undergraduate) Non-Clinical Course Offerings

Courses Offered

NURS1100 Exploring the Nursing Profession

NURS2000 Individual Study

NURS2420 Introduction to Nursing

NURS2460 Health Assessment

NURS2470 Informatics for Health Care

NURS3000 Individual Study

NURS3010 Transcultural Health Experience

NURS3110 Health Assessment for the Practicing Nurse

NURS3120 Fundamentals of Health Care

NURS3160 Evidence Based Practice

NURS3170 Evidence Based Practice for Practicing Nurse

NURS3430 Pathophysiology and Related Pharmacology

NURS3440 Pathophysiology

NURS3451 Pharmacology I

NURS3452 Pharmacology II

NURS3460 Professionalism in Nursing

NURS3900 Topics in Nursing

NURS4000 Individual Study

NURS4280 Global Health and Policy Issues

NURS4420 Current Issues in Healthcare

NURS4480 Trends and Issues

Course Descriptions

NURS1100 Exploring the Nursing Profession - 1 s.h.

In this course, students pursuing a major in nursing will explore roles in the nursing profession, integration of pre-requisite coursework into nursing, and develop a personalized success plan to become a registered nurse.

NURS2000 Individual Study - 1-3 s.h.

NURS2420 Introduction to Nursing - 3 s.h.

Introduces the roles and responsibilities of professional nursing. Introduces students to the historical, economic, political and legal/ethical trends in nursing. Introduces concepts necessary for scholarly writing using APA formatting.

NURS2460 Health Assessment - 4 s.h.

Focuses on learning foundational assessment skills. Systematic holistic nursing process approach to health history and physical examination for the purpose of differentiating normal from abnormal states of health and critical assessment of client needs. Application of concepts are facilitated in the laboratory experience. (For on campus BSN-RN students only.) Prerequisite: NURS2010.

NURS2470 Informatics for Health Care - 2 s.h.

An introduction to the basic concepts and skills associated with the use of technology as it relates to nursing and electronic healthcare systems. The content will provide a conceptual foundation and hands-on exposure to the use of information management in nursing which is necessary in providing quality patient care.

NURS3000 Individual Study - 1-3 s.h.

NURS3010 Transcultural Health Experience - 3 s.h.

The focus of this course is to provide the student with tools to improve the health status of a vulnerable population. Students will apply transcultural concepts and principles of global health at the local, national, or international level. Depending on the specific area the student is working in, experiences may include

individual and small group teaching, primary care support services, promotion of hygiene principles with modifications to the local culture, community assessment and interventions, or intensive language acquisition. An international multi-day and/or overnight experience may be required.

NURS3110 Health Assessment for the Practicing Nurse - 3 s.h.

Focuses on expanding assessment skills in current professional role. Systematic holistic nursing process approach to health history and physical examination for the purpose of differentiating normal from abnormal states of health and critical assessment of client needs in acute care and community settings. Application of concepts are facilitated in the virtual learning environment. (For online RN-BSN students only.)

NURS3120 Fundamentals of Health Care - 4 s.h.

Introduction to basic concepts and psychomotor skills necessary to provide therapeutic interventions for individual clients. Laboratory and clinical experience provided. Prerequisites: NURS2420, 2460, 2470.

NURS3160 Evidence Based Practice - 2 s.h.

Study of the evidence-based practice research process to develop informed consumers of nursing research. Exploration of the application of the research evidence to the health care environment. Prerequisites: BSN-RN students only, NURS3120, 3270, 3440, 3451.

NURS3170 Evidence Based Practice for Practicing Nurse - 3 s.h.

Study of the evidence-based practice research process to develop informed consumers of nursing research. Exploration of the application of the research evidence to the health care environment. Prerequisites: RN-BSN students only, NURS3120, 3270, 3440, 3451.

NURS3430 Pathophysiology and Related Pharmacology - 3 s.h.

Study of the concepts and altered processes of organs, cells, and biochemical functions of systems related to homeostasis, neural control and integration. Related pharmacology with application of principles to nursing practice will be integrated throughout.

NURS3440 Pathophysiology - 3 s.h.

Study of the concepts and altered processes of organs, cells, and biochemical functions of the systems related to homeostasis, neural control and integration. Prerequisites: NURS2420, 2460, 2470.

NURS3451 Pharmacology I - 3 s.h.

Introduces students to the principles of pharmacology and their application to nursing. Emphasizes drug classifications of pharmacological agents, their actions, side effects, uses and nursing responsibilities regarding administration and basic calculations of medication administration for all routes of administration. Prerequisites: NURS2420, 2460, 2470.

NURS3452 Pharmacology II - 2 s.h.

Continues investigation of pharmacology with specific medications that are seen in the clinical setting from the various drug classifications and medications used in advanced adult health settings. Drug calculations include those for the critical care setting and those using the intravenous route.

NURS3460 Professionalism in Nursing - 3 s.h.

A transitional course to prepare the RN student for entry into baccalaureate nursing and continuing socialization into the profession. Exploration of major curricular and historical concepts. Prerequisite: Nursing major with junior standing.

NURS3900 Topics in Nursing - 1-3 s.h.
An in-depth study of a specific, timely topic in nursing. May be repeated for credit when the topic varies.

NURS4000 Individual Study - 1-3 s.h.

NURS4280 Global Health and Policy Issues - 3 s.h.
The course focuses on an analysis of the forces shaping our community and global health patterns. Drawing on multidisciplinary sources, this course explores the impact of these global processes as they manifest in the health of our own and other societies. Emphasis is placed on analysis of the broad cultural, environmental, social-economic, and political systems that contribute to health status and outcomes, health policies, and health care delivery around the world.

NURS4420 Current Issues in Healthcare - 2 s.h.
Continuing exploration of current health care issues facing the nursing profession using a critical thinking process designed to move the RN student into the professional baccalaureate role for practice in the 21st century. Prerequisites: Nursing major with senior standing and NURS3460.

NURS4480 Trends and Issues - 2 s.h.
Examines the social, cultural, political, legal, economic, and ethical issues that surround the practice of professional nursing. Explores the concepts that prepare the graduate for entry into the professional role. Prerequisites: NURS3160, 3250, 3260, 4340.

Course List - Nursing (Undergraduate) Clinical Course Offerings

Each of the following clinical course offerings provides students practical opportunity to utilize components of the nursing process in a caring, professional way; to promote positive adaptation of families and individuals with specific health needs; and to function as a member of a health care team that utilizes research findings and scientific rational in planning and implementing nursing action.

Courses Offered

NURS3250 Adult Health Care I

NURS3260 NURS3260 Adult Health Care II

NURS3270 Psychosocial Aspects of Client Care

NURS4160 Leadership Roles in Nursing

NURS4170 Manager of Patient Care

NURS4220 Maternal and Newborn Care

NURS4230 Care of the Mother and Child

NURS4240 Pediatric Nursing

NURS4260 Critical Care Nursing

NURS4340 Community Health Care

NURS4350 Population Health Nursing

NURS4390 Capstone Practicum

NURS4411 Informatics for the Practicing Nurse

NURS4460 Senior Capstone

Course Descriptions

NURS3250 Adult Health Care I - 4 s.h.

Focus on the development of abilities to manage the care of adults, at various life stages, in a variety of health care settings. Emphasis on person-centered communication and application of cognitive, psychomotor and affective skills in providing basic nursing care to clients and their families. Prerequisites: NURS3120, 3270, 3440, 3451.

NURS3260 NURS3260 Adult Health Care II - 4 s.h.

Focus on the development of abilities to manage the care of adults, at various life stages, in a variety of health care settings. Emphasis on person-centered communication and application of cognitive, psychomotor and affective skills in providing family centered nursing care to individuals and groups of clients. Prerequisites: NURS3120, 3270, 3440, 3451.

NURS3270 Psychosocial Aspects of Client Care - 4 s.h.

Emphasis on promotion of healthy individual and family system responses to psychosocial stressors (violence, poverty, substance abuse). Psychopathology will be explored with opportunities to practice primary, secondary, and tertiary nursing interventions in the clinical setting. Prerequisites: NURS2420, 2460, 2470.

NURS4160 Leadership Roles in Nursing - 3 s.h.

Examination of leadership, management, role, and change theories. Emphasis on acquiring the knowledge, skills, abilities, and resources required to lead an interdisciplinary team to achieve excellence and high quality outcomes. Prerequisites: Junior level nursing courses.

NURS4170 Manager of Patient Care - 3 s.h.

Discusses management of patient care in a clinical setting in the capacity of unit manager, charge nurse and patient care coordinator. Focuses on knowledge, skills, abilities, and resources required to lead an interdisciplinary team to achieve excellence and high quality outcomes. Prerequisites: NURS3160, 3250, 3260, 4340.

NURS4220 Maternal and Newborn Care - 4 s.h.

Study of women's health across the lifespan with an emphasis on maternity/newborn care. Employs holistic approach to health promotion and intervention. Prerequisites: Junior level nursing courses. Prerequisites: NURS3170, 3250, 3260, 4340.

NURS4230 Care of the Mother and Child - 4 s.h.

This course focuses on holistic approach to acute illnesses and health promotion of culturally diverse women, children (birth through adolescence) and families throughout their lifespans. Emphasis is placed on providing a culturally sensitive and holistic approach to health promotion and intervention in the care of newly formed families moving from preconception through the neonatal period. Additionally, emphasis is placed on quality of care, safety and developmental stages of childhood and appropriate nursing interventions in the home and acute care settings. Prerequisites: NURS3160, 3250, 3260, 3452, 4340.

NURS4240 Pediatric Nursing - 4 s.h.

NURS4240 Pediatric Nursing 4 s.h. Investigates a holistic, family focus on acute illness and health promotion for pediatric patients from birth through adolescence. An emphasis on developmental stages of childhood and nursing interventions within the home and acute care settings and the impact of societal and family decisions on childhood growth and development. Prerequisites: NURS4170, 4220, 4480.

NURS4260 Critical Care Nursing - 4 s.h.

Emphasis on the key concepts required to deliver care to clients and their families during severe physiological stress. Importance placed on critical thinking to analyze the relationship between multidimensional stressors in the midst of critical illness. Prerequisites: NURS4170, 4220, 4480.

NURS4340 Community Health Care - 3.5 s.h.

Focuses on community/public health issues with the family and community as clients, including community assessment and the examination of a variety of core concepts in the practice of community/public health nursing. Topics include epidemiology, community focused health promotion, and prevention within a sociopolitical environment. Prerequisites: NURS3120, 3270, 3440, 3451.

NURS4350 Population Health Nursing - 3 s.h.

NURS4350 Population Health Nursing 3 s.h. Emphasis on the community as client and population groups within the community, including a comprehensive community assessment, the exploration of epidemiology, disaster nursing, community-focused health promotion, and prevention within sociopolitical environment.

NURS4390 Capstone Practicum - 8 s.h.

Emphasis on advanced cognitive, psychomotor and affective skills and therapeutic communication in the care of clients and families in acute-care settings. Prerequisites: NURS4170, 4220, 4480.

NURS4411 Informatics for the Practicing Nurse - 2 s.h.

This course builds on a basic understanding of technology as it relates to nursing and electronic healthcare systems. The content will prepare students to effectively and efficiently use technology to identify and manage health care information and data.

NURS4460 Senior Capstone - 3 s.h.

Synthesize new knowledge with past knowledge and skills to provide a higher level of indirect and/or direct care to clients in a variety of health care environments. Integrate knowledge from prior courses to develop, implement, and evaluate a project with the intention of improving health outcomes for individuals, families, groups, communities, or populations. Prerequisite: NURS4160.

Transformational Leadership

Transformational Leadership Minor

A minor in Transformational Leadership consists of 15 semester hours as follows:

- LEAD3300 Organizational Leadership – 3 s.h.
- LEAD4300 Leadership Capston – 3 s.h.
- UNIV1100 Digital Fluency and Citizenship – 3 s.h.
- UNIV1200 Health and Wholeness – 3 s.h.
- UNIV2100 Social Responsibility – 3 s.h.

Courses Offered

LEAD3300 Organizational Leadership

LEAD4300 Leadership Capstone

UNIV1100 Digital Fluency and Citizenship

UNIV1200 Health and Wholeness

UNIV2100 Social Responsibility

Course Descriptions

LEAD3300 Organizational Leadership - 3 s.h.

Applies leadership skills beyond individuals and groups to the organizational level. Students will explore social intelligence, conflict management and resolution, bias assessment, information collection, and evidence assessment. Students will enroll in, complete, and reflect upon assigned SkillPath Leadership courses. Students will apply Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship in organizational leadership.

LEAD4300 Leadership Capstone - 3 s.h.

The capstone course of the LEAD series at Graceland University is an integrated and applied experience mentored by acknowledged leaders at the university or by external educational, business, or health care mentors outside the university. Students will apply and share with the university their holistic development as a student over their time at Graceland University including their development both inside and outside the classroom to build confidence in the leadership skills they have developed for their futures via a portfolio addressing these applied and reflective topics.

UNIV1100 Digital Fluency and Citizenship - 3 s.h.

An introduction to the concepts of responsible activity and practices in the digital world, important software tools, and understanding the use of data and data analytics in the digital economy. The course teaches students relevant skills necessary to analyze data, prepare visualizations of data, and engage in the digital economy.

UNIV1200 Health and Wholeness - 3 s.h.

Introduces students to foundational concepts in health and wellness as well as practices that promote life-long wholeness, including physical and mental health risk assessment and mitigation.

UNIV2100 Social Responsibility - 3 s.h.

Provides students an introductory foundation in social responsibility and ethics in the context of moral, social, and environmental issues. Students will be given the opportunity to understand how personal views, choices, privileges, and behaviors impact their communities and those of other individuals. Students will learn to engage in compassionate and constructive dialogue about diverse perspectives.

Non-Formal Education

In addition to its regular, for credit, educational programs Graceland University offers a variety of non-formal educational opportunities. These may or may not carry Continuing Education Unit credit. Specific non-formal programs are often designed to fit client objectives, needs and time frames. Such programs are offered under the auspices of Centers.

Center for Health Education

The Center seeks to foster health education at the undergraduate level. That includes the nursing program, pre-professional programs and community health services.

Center for Professional Development and Life-Long Learning, Inc.

Two extremely successful entities comprise this Center: SkillPath Seminars and The Center for the Study of Free Enterprise and Entrepreneurship.

SkillPath Seminars

In 1995, Graceland acquired SkillPath Seminars that develops and presents more than 7,500 one and two-day public seminars annually, over a wide variety of business management, personal growth and development, and technical skill topics throughout the U.S., Canada, and several other countries. Seminars also are offered on-site to companies and organizations who want the benefits of this training tailored for their own unique interests and needs.

SkillPath owns and develops content for an online digit library of training resources that are available on a subscription basis, referred to as Star12. SkillPath also publishes and markets business and personal growth "how-to" books, audio programs, video training, and computer-based learning products. The Graceland-SkillPath partnership makes possible a long-sought objective: the potential for many learns to experience the joy and benefits obtained through lifelong learning and professional development.

Center for the Study of Free Enterprise and Entrepreneurship

By establishing this Center, Graceland University seeks to perpetuate the spirit of free enterprise in students, faculty, and the community. The study of America's entrepreneurial tradition enhances and strengthens our economy by encouraging innovation and by familiarizing young people with a knowledge of the principles and history of free enterprise. That body of economic values, purposes, concepts, processes and structures which constitutes the American system has allowed our society to deploy its resources, both physical and human, to achieve an outstanding quality of life for most Americans. Although it is not perfect, our economic system is inextricably interwoven with the individual freedoms that Americans cherish. Of primary importance is the belief that enduring political and economic freedom rests on the expectation of society for ethical and compassionate behavior. The successful entrepreneur should understand the importance of behavior, and return value to the system that has provided for his/her success.

The Center is pursuing several major goals:

One—Administer the annual Entrepreneurial Roundtable. This spring event gathers business practitioners, faculty, and students to the Lamoni campus to learn, question, network, and be inspired by each other. Through a combination of active participation and exposure to nationally-recognized entrepreneurs, participants will eliminate some of their self-imposed limitations.

Two—Support and encourage Graceland Enactus (formerly Students in Free Enterprise, or SIFE). This is a worldwide organization with chapters in over 500 U.S. colleges and universities. Its mission is to provide college students the best opportunity to make a difference and to develop leadership, teamwork and communication skills through learning, practicing and teaching the principles of free enterprise. In 2006 the Graceland SIFE team was named National Champion, and went on to place second at the World Expo in Paris, France. The 2014 Team placed among the top twelve US teams at the Enactus National Exposition.

Three—Sponsor courses in the area of entrepreneurship and free enterprise. When possible, successful entrepreneurs are designated as adjunct faculty and employed to bring another perspective to the classroom. Graceland Enactus is not only a student organization, but is also offered as the C.H. Sandage School of Business course entitled Free Market Practicum, which can be taken for upper division academic credit.

Four—Serve as member of the Lamoni Development Corporation as well as help administer and market the USDA Rural Development Revolving Loan Fund. The Lamoni Development Corporation is dedicated to strengthening the economic development of southern Iowa through the growth of our business and industry, the addition of new innovative industries to our communities and the improvement of the quality of life enjoyed by our residents.

Special Programs



Pre-Dental Requirements

Students interested in pursuing a Doctor of Dental Surgery (DDS) or Doctor of Dental Medicine (DMD) should major in Biology (https://www.graceland.edu/programs/biology/) or Chemistry (https://www.graceland.edu/programs/chemistry/) (with a Biology minor). For the best preparation, we recommend a double major in both Biology and Chemistry. Students should review the admissions requirements for the professional schools of their choice. We recommend that students complete the following courses (along with the requirements for a major in Biology, Chemistry, or both) for preparation for admission and success in medical school:

- BIOL2360 Microbiology
- BIOL3310 Molecular Genetics
- BIOL3420 Human Anatomy
- BIOL3440 Human Physiology

BIOL4460 Cell and Cancer Biology

BIOL4400 Immunology

BIOL4310 Biochemistry

MATH1370 Statistics for Sciences

MATH1510 Calculus I

During summers of their freshman and sophomore year, students should consider shadowing or volunteer experiences at local hospitals, clinics, or private practices to gain practical experience. Some programs require clinical hours. During the summer of their junior year students should participate in internships. Most students take the MCAT (medicine) exam early spring of the year they will apply. Most applications open in early summer and are rolling applications. Competitive applicants will submit their application within a week or two of the application opening. Many programs have centralized application processes that include: AMCAS (medicine), AADSAS (dentistry), OptomCAS (optometry), CASPA (PA). Students are encouraged to research individual program requirements early to ensure they can be incorporated into their schedules.

Courses Offered

BIOL2360 Microbiology with Lab

BIOL3310 Molecular Genetics with Lab

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310)

BIOL4400 Immunology

BIOL4460 Cell and Cancer Biology

MATH1370 Statistics for Sciences

MATH1510 Calculus I

Course Descriptions

BIOL2360 Microbiology with Lab - 4 s.h.

Students will learn about immunology, bacteriology, mycology, and virology. Emphasis will be placed on the cellular mechanism and role of microbial pathogens (bacteria) and agents (viruses, prions) affecting human health and how they are treated. Additional fee required. Prerequisite: BIOL2100 or instructor's consent.

BIOL3310 Molecular Genetics with Lab - 4 s.h.

A study of cellular processes involved in the Central Dogma: DNA replication, transcription and translation. The study will include how gene expression is regulated at various levels, such as at the transcription level and post-translational level. Lastly students will study and perform different molecular genetic techniques used in laboratories today: pipetting, DNA gel electrophoresis, PCR and DNA cloning. Additional fee required. Prerequisite: BIOL2100 (C or better strongly recommended). +This course is only offered every other year.

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310) - 4 s.h.

An examination of the structure and function of biomolecules: proteins, lipids, carbohydrates and nucleic acids. The chemical and physical properties and their relationship to organ systems and laboratory techniques used to study and characterize the biomolecules. Prerequisite: CHEM3420/3421 and BIOL2100. +This course is only offered every other year.

BIOL4400 Immunology - 3 s.h.

Investigation of the innate and adaptive immune system, including inflammation, B and T cell development and function, immunization and its role in human health. Prerequisites: BIOL2100 and BIOL2360 (grade of C or better strongly recommended). +This course is only offered every other year.

BIOL4460 Cell and Cancer Biology - 3 s.h.

Students will investigate the cellular mechanisms of cancer and then will learn about a few specific cancers. Includes an in-depth study of the multistage model of carcinogenesis, genes involved in cancer, activation of cancer genes, signal transduction pathways that promote carcinogenesis, the mechanism of metastasis, apoptosis, how cancer treatments work, and the new potential cancer treatments. Prerequisite: BIOL2100 (grade of C or better strongly recommended). +This course is only offered every other year.

MATH1370 Statistics for Sciences - 3 s.h.

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1510 Calculus I - 4 s.h.

Limits, continuity, differentiation, and applications including exponential, logarithmic, trigonometric, and inverse functions. Mean value theorem, curve sketching, Riemann sums, and the fundamental theorem of calculus. Prerequisite: 2 years high school algebra. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

Pre-Engineering Requirements

Graceland maintains a program of advising and information sharing for pre-engineering students. Students are encouraged to major in Chemistry or while attending Graceland University. For additional information about the engineering program at Iowa State University, see www.engineering.iastate.edu. For additional information about the engineering program at the University of Iowa, see www.engineering.uiowa.edu (https://www.engineering.uiowa.edu/). For additional information about the engineering program at the University of Missouri at Rolla see www.mst.edu (https://www.mst.edu/).

Pre-Forensic Science Requirements

Students interested in pursuing a MS or PhD in forensic science or another related field should major in Biology (https://www.graceland.edu/programs/biology/) or Chemistry (https://www.graceland.edu/programs/chemistry/). For the best preparation, we recommend a double major in both Biology and Chemistry. Students should review the admissions requirements for the graduate schools of their choice. We recommend that students complete the following courses (along with the requirements for a major in Biology, Chemistry, or both) for preparation for admission and success in a forensic science program:

- BIOL3120 Internship in Biological Sciences
- BIOL3310 Molecular Genetics
- BIOL3420 Human Anatomy
- BIOL3440 Human Physiology
- BIOL4310 Biochemistry
- BIOL4460 Cell and Cancer Biology
- CHEM1340 Forensic Chemistry
- CHEM3300 Analytical Chemistry
- CHEM4330 Instrumental Analysis
- MATH1370 Statistics for Sciences
- MATH1510 Calculus I

During summers, students should consider internships or volunteer experiences in the criminal justice system or research opportunities in forensic science programs to gain practical experience. Most students take the GRE exam in April of their junior year and begin to apply to graduate schools during the summer following their junior year. Early application is strongly recommended.

Courses Offered

BIOL3120 Internship in Biological Sciences

BIOL3310 Molecular Genetics with Lab

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310)

BIOL4460 Cell and Cancer Biology

CHEM1340 Forensic Chemistry with Lab

CHEM3300 Analytical Chemistry with Lab

CHEM4330 Instrumental Analysis (3-3)

MATH1370 Statistics for Sciences

MATH1510 Calculus I

Course Descriptions

BIOL3120 Internship in Biological Sciences - 1-3 s.h.

Developed in conjunction with and approved by an appropriate faculty member in the Biological Sciences. This internship will be with professionals who are in career areas relating to majors in the department and may be pursued abroad. The student is responsible for arranging their internship. May be repeated for a maximum of 9 semester hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BIOL3310 Molecular Genetics with Lab - 4 s.h.

A study of cellular processes involved in the Central Dogma: DNA replication, transcription and translation. The study will include how gene expression is regulated at various levels, such as at the transcription level and post-translational level. Lastly students will study and perform different molecular genetic techniques used in laboratories today: pipetting, DNA gel electrophoresis, PCR and DNA cloning. Additional fee required. Prerequisite: BIOL2100 (C or better strongly recommended). +This course is only offered every other year.

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310) - 4 s.h.

An examination of the structure and function of biomolecules: proteins, lipids, carbohydrates and nucleic acids. The chemical and physical properties and their relationship to organ systems and laboratory techniques used to study and characterize the biomolecules. Prerequisite: CHEM3420/3421 and BIOL2100. +This course is only offered every other year.

BIOL4460 Cell and Cancer Biology - 3 s.h.
Students will investigate the cellular mechanisms of cancer and then will learn about a few specific cancers. Includes an in-depth study of the multistage model of carcinogenesis, genes involved in cancer, activation of cancer genes, signal transduction pathways that promote carcinogenesis, the mechanism of metastasis, apoptosis, how cancer treatments work, and the new potential cancer treatments. Prerequisite: BIOL2100 (grade of C or better strongly recommended). +This course is only offered every other year.

CHEM1340 Forensic Chemistry with Lab - 4 s.h.
This course will expose students to the field of forensic science primarily using chemical forensics and testing. Topics include evidence collection and preservation, drugs and drug chemistry, heat and explosions, poisons and others. The course will cover basic chemical concepts needed to plan, execute, and interpret forensic results. All necessary scientific concepts will be developed in the context of forensic science. Additional fee required. ELO6 Science - World Citizenship, ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences

CHEM3300 Analytical Chemistry with Lab - 4 s.h.
Study of theory and practice of modern separation and analytical techniques. Includes use of electrochemical, spectrometric and chromatographic instruments. Additional fee required. Prerequisite: CHEM1420. Offered odd years Spring.

CHEM4330 Instrumental Analysis (3-3) - 4 s.h.
A study of the analysis and identification of organic compounds and mixtures by modern instrumental techniques and traditional wet chemical methods. Additional fee required. Prerequisite: CHEM3420/3421 with a grade of C or better is strongly recommended. Offered even years Fall. +This course is only offered every other year.

MATH1370 Statistics for Sciences - 3 s.h.
Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1510 Calculus I - 4 s.h.
Limits, continuity, differentiation, and applications including exponential, logarithmic, trigonometric, and inverse functions. Mean value theorem, curve sketching, Riemann sums, and the fundamental theorem of calculus. Prerequisite: 2 years high school algebra. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

Pre-Law Requirements

Students interested in pursuing a legal education are encouraged to attend Graceland. Accredited law schools in the United States require a bachelor's degree for admission. They seek students who can analyze problems critically, who can reason logically, and who can clearly express themselves both in writing and aloud. Law schools admit students from a very broad range of majors. The intensity and depth of the undergraduate major, along with the student's ability to meet academically rigorous standards, are most important (see the Law School Admissions Council at https://www.lsac.org (https://www.lsac.org/)).

Pre-Med Requirements

Students interested in pursuing a Doctor of Medicine (MD) or a Doctor of Osteopathic Medicine (DO) degree should major in Biology (https://www.graceland.edu/programs/biology/) or Chemistry (https://www.graceland.edu/programs/chemistry/) (with a Biology minor). For the best preparation, we recommend a double major in both Biology and Chemistry. Students should review the admissions requirements for the professional schools of their choice. We recommend that students complete the following courses (along with the requirements for a major in Biology, Chemistry, or both) for preparation for admission and success in medical school:

- BIOL2360 Microbiology
- BIOL3310 Molecular Genetics
- BIOL3420 Human Anatomy
- BIOL3440 Human Physiology
- BIOL4310 Biochemistry
- BIOL4400 Immunology
- BIOL4460 Cell and Cancer Biology
- MATH1370 Statistics for Sciences
- MATH1510 Calculus I

During summers of their freshman and sophomore year, students should consider shadowing or volunteer experiences at local hospitals, clinics, or private practices to gain practical experience. Some programs require clinical hours. During the summer of their junior year students should participate in internships. Most students take the MCAT (medicine) exam early spring of the year they will apply. Most applications open in early summer and are rolling applications. Competitive applicants will submit their application within a week or two of the application opening. Many programs have centralized application processes that include: AMCAS (medicine), AADSAS (dentistry), OptomCAS (optometry), CASPA (PA). Students are encouraged to research individual program requirements early to ensure they can be incorporated into their schedules.

Courses Offered

BIOL2360 Microbiology with Lab

BIOL3310 Molecular Genetics with Lab

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310)

BIOL4400 Immunology

BIOL4460 Cell and Cancer Biology

MATH1370 Statistics for Sciences

MATH1510 Calculus I

Course Descriptions

BIOL2360 Microbiology with Lab - 4 s.h.

Students will learn about immunology, bacteriology, mycology, and virology. Emphasis will be placed on the cellular mechanism and role of microbial pathogens (bacteria) and agents (viruses, prions) affecting human health and how they are treated. Additional fee required. Prerequisite: BIOL2100 or instructor's consent.

BIOL3310 Molecular Genetics with Lab - 4 s.h.

A study of cellular processes involved in the Central Dogma: DNA replication, transcription and translation. The study will include how gene expression is regulated at various levels, such as at the transcription level and post-translational level. Lastly students will study and perform different molecular genetic techniques used in laboratories today: pipetting, DNA gel electrophoresis, PCR and DNA cloning. Additional fee required. Prerequisite: BIOL2100 (C or better strongly recommended). +This course is only offered every other year.

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310) - 4 s.h.

An examination of the structure and function of biomolecules: proteins, lipids, carbohydrates and nucleic acids. The chemical and physical properties and their relationship to organ systems and laboratory techniques used to study and characterize the biomolecules. Prerequisite: CHEM3420/3421 and BIOL2100. +This course is only offered every other year.

BIOL4400 Immunology - 3 s.h.

Investigation of the innate and adaptive immune system, including inflammation, B and T cell development and function, immunization and its role in human health. Prerequisites: BIOL2100 and BIOL2360 (grade of C or better strongly recommended). +This course is only offered every other year.

BIOL4460 Cell and Cancer Biology - 3 s.h.

Students will investigate the cellular mechanisms of cancer and then will learn about a few specific cancers. Includes an in-depth study of the multistage model of carcinogenesis, genes involved in cancer, activation of cancer genes, signal transduction pathways that promote carcinogenesis, the mechanism of metastasis, apoptosis, how cancer treatments work, and the new potential cancer treatments. Prerequisite: BIOL2100 (grade of C or better strongly recommended). +This course is only offered every other year.

MATH1370 Statistics for Sciences - 3 s.h.

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1510 Calculus I - 4 s.h.
Limits, continuity, differentiation, and applications including exponential, logarithmic, trigonometric, and inverse functions. Mean value theorem, curve sketching, Riemann sums, and the fundamental theorem of calculus. Prerequisite: 2 years high school algebra. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

Pre-Optometry Requirements

Students interested in pursuing a Doctor of Optometry (OD) degree should major in Biology (https://www.graceland.edu/programs/biology/) or Chemistry (https://www.graceland.edu/programs/chemistry/) (with a Biology minor). For the best preparation, we recommend a double major in both Biology and Chemistry. Students should review the admissions requirements for the professional schools of their choice. We recommend that students complete the following courses (along with the requirements for a major in Biology, Chemistry, or both) for preparation for admission and success in medical school:

- BIOL2360 Microbiology
- BIOL3310 Molecular Genetics
- BIOL3420 Human Anatomy
- BIOL3440 Human Physiology
- BIOL4460 Cell and Cancer Biology
- BIOL4400 Immunology
- BIOL4310 Biochemistry
- MATH1370 Statistics for Sciences
- MATH1510 Calculus I

During summers of their freshman and sophomore year, students should consider shadowing or volunteer experiences at local hospitals, clinics, or private practices to gain practical experience. Some programs require clinical hours. During the summer of their junior year students should participate in internships. Most students take the MCAT (medicine) exam early spring of the year they will apply. Most applications open in early summer and are rolling applications. Competitive applicants will submit their application within a week or two of the application opening. Many programs have centralized application processes that include: AMCAS (medicine), AADSAS (dentistry), OptomCAS (optometry), CASPA (PA). Students are encouraged to research individual program requirements early to ensure they can be incorporated into their schedules.

Courses Offered

BIOL2360 Microbiology with Lab

BIOL3310 Molecular Genetics with Lab

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310)

BIOL4400 Immunology

BIOL4460 Cell and Cancer Biology

MATH1370 Statistics for Sciences

MATH1510 Calculus I

Course Descriptions

BIOL2360 Microbiology with Lab - 4 s.h.

Students will learn about immunology, bacteriology, mycology, and virology. Emphasis will be placed on the cellular mechanism and role of microbial pathogens (bacteria) and agents (viruses, prions) affecting human health and how they are treated. Additional fee required. Prerequisite: BIOL2100 or instructor's consent.

BIOL3310 Molecular Genetics with Lab - 4 s.h.

A study of cellular processes involved in the Central Dogma: DNA replication, transcription and translation. The study will include how gene expression is regulated at various levels, such as at the transcription level and post-translational level. Lastly students will study and perform different molecular genetic techniques used in laboratories today: pipetting, DNA gel electrophoresis, PCR and DNA cloning. Additional fee required. Prerequisite: BIOL2100 (C or better strongly recommended). +This course is only offered every other year.

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310) - 4 s.h.

An examination of the structure and function of biomolecules: proteins, lipids, carbohydrates and nucleic acids. The chemical and physical properties and their relationship to organ systems and laboratory techniques used to study and characterize the biomolecules. Prerequisite: CHEM3420/3421 and BIOL2100. +This course is only offered every other year.

BIOL4400 Immunology - 3 s.h.

Investigation of the innate and adaptive immune system, including inflammation, B and T cell development and function, immunization and its role in human health. Prerequisites: BIOL2100 and BIOL2360 (grade of C or better strongly recommended). +This course is only offered every other year.

BIOL4460 Cell and Cancer Biology - 3 s.h.
Students will investigate the cellular mechanisms of cancer and then will learn about a few specific cancers. Includes an in-depth study of the multistage model of carcinogenesis, genes involved in cancer, activation of cancer genes, signal transduction pathways that promote carcinogenesis, the mechanism of metastasis, apoptosis, how cancer treatments work, and the new potential cancer treatments. Prerequisite: BIOL2100 (grade of C or better strongly recommended). +This course is only offered every other year.

MATH1370 Statistics for Sciences - 3 s.h.
Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1510 Calculus I - 4 s.h.
Limits, continuity, differentiation, and applications including exponential, logarithmic, trigonometric, and inverse functions. Mean value theorem, curve sketching, Riemann sums, and the fundamental theorem of calculus. Prerequisite: 2 years high school algebra. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

Pre-Pharmacy Requirements

Students interested in pursuing a Doctor of Pharmacy (PharmD) degree should major in Biology (https://www.graceland.edu/programs/biology/) or Chemistry (https://www.graceland.edu/programs/chemistry/) (with a Biology minor). For the best preparation, we recommend a double major in both Biology and Chemistry. Students should review the admissions requirements for the pharmacy schools of their choice. We recommend that students complete the following courses (along with the requirements for a major in Biology, Chemistry, or both) for preparation for admission and success in pharmacy school:

- BIOL3120 Internship in Biological Sciences
- BIOL3310 Molecular Genetics
- BIOL3420 Human Anatomy
- BIOL3440 Human Physiology
- BIOL4310 Biochemistry
- BIOL4400 Immunology
- BIOL4460 Cell and Cancer Biology
- CHEM3300 Analytical Chemistry
- MATH1370 Statistics for Sciences
- MATH1510 Calculus I

During summers, students should consider internships or volunteer experiences at local hospitals or pharmacies to gain practical experience. Most students take the PCAT exam in June of their junior year and begin to apply to pharmacy schools during the summer following their junior year. Early application using the PharmCAS application service is strongly recommended.

Courses Offered

BIOL3120 Internship in Biological Sciences

BIOL3310 Molecular Genetics with Lab

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310)

BIOL4400 Immunology

BIOL4460 Cell and Cancer Biology

CHEM3300 Analytical Chemistry with Lab

MATH1370 Statistics for Sciences

MATH1510 Calculus I

Course Descriptions

BIOL3120 Internship in Biological Sciences - 1-3 s.h.

Developed in conjunction with and approved by an appropriate faculty member in the Biological Sciences. This internship will be with professionals who are in career areas relating to majors in the department and may be pursued abroad. The student is responsible for arranging their internship. May be repeated for a maximum of 9 semester hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BIOL3310 Molecular Genetics with Lab - 4 s.h.

A study of cellular processes involved in the Central Dogma: DNA replication, transcription and translation. The study will include how gene expression is regulated at various levels, such as at the transcription level and post-translational level. Lastly students will study and perform different molecular genetic techniques used in laboratories today: pipetting, DNA gel electrophoresis, PCR and DNA cloning. Additional fee required. Prerequisite: BIOL2100 (C or better strongly recommended). +This course is only offered every other year.

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or

PHED1500.

BIOL3440 Human Physiology with Lab - 4 s.h.
A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310) - 4 s.h.
An examination of the structure and function of biomolecules: proteins, lipids, carbohydrates and nucleic acids. The chemical and physical properties and their relationship to organ systems and laboratory techniques used to study and characterize the biomolecules. Prerequisite: CHEM3420/3421 and BIOL2100. +This course is only offered every other year.

BIOL4400 Immunology - 3 s.h.
Investigation of the innate and adaptive immune system, including inflammation, B and T cell development and function, immunization and its role in human health. Prerequisites: BIOL2100 and BIOL2360 (grade of C or better strongly recommended). +This course is only offered every other year.

BIOL4460 Cell and Cancer Biology - 3 s.h.
Students will investigate the cellular mechanisms of cancer and then will learn about a few specific cancers. Includes an in-depth study of the multistage model of carcinogenesis, genes involved in cancer, activation of cancer genes, signal transduction pathways that promote carcinogenesis, the mechanism of metastasis, apoptosis, how cancer treatments work, and the new potential cancer treatments. Prerequisite: BIOL2100 (grade of C or better strongly recommended). +This course is only offered every other year.

CHEM3300 Analytical Chemistry with Lab - 4 s.h.
Study of theory and practice of modern separation and analytical techniques. Includes use of electrochemical, spectrometric and chromatographic instruments. Additional fee required. Prerequisite: CHEM1420. Offered odd years Spring.

MATH1370 Statistics for Sciences - 3 s.h.
Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1510 Calculus I - 4 s.h.
Limits, continuity, differentiation, and applications including exponential, logarithmic, trigonometric, and inverse functions. Mean value theorem, curve sketching, Riemann sums, and the fundamental theorem of calculus. Prerequisite: 2 years high school algebra. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

Pre-Veterinary Requirements

Students interested in pursuing a Doctor of Veterinary Medicine (DVM) degree should major in Biology (https://www.graceland.edu/programs/biology/). Students should review the admissions requirements for the veterinary schools of their choice. We recommend that students complete the following courses (in addition to major requirements) for preparation for admission and success in veterinary school:

BIOL3120 Internship in Biological Sciences
BIOL3310 Molecular Genetics
BIOL3420 Human Anatomy
BIOL3440 Human Physiology
BIOL4310 Biochemistry
BIOL4400 Immunology
BIOL4460 Cell and Cancer Biology
HLTH2560 Nutrition
MATH1370 Statistics for Sciences
MATH1510 Calculus I

During summers, students should consider internships or volunteer experiences at local veterinary hospitals or clinics to gain practical experience. Most students take the GRE exam (or MCAT for some schools) in April of their junior year and begin to apply to veterinary schools during the summer following their junior year. Early application using the VMCAS application service is strongly recommended.

Courses Offered

BIOL3120 Internship in Biological Sciences

BIOL3310 Molecular Genetics with Lab

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310)

BIOL4400 Immunology

BIOL4460 Cell and Cancer Biology

HLTH2560 Nutrition

MATH1510 Calculus I

Course Descriptions

BIOL3120 Internship in Biological Sciences - 1-3 s.h.
Developed in conjunction with and approved by an appropriate faculty member in the Biological Sciences. This internship will be with professionals who are in career areas relating to majors in the department and may be pursued abroad. The student is responsible for arranging their internship. May be repeated for a

maximum of 9 semester hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BIOL3310 Molecular Genetics with Lab - 4 s.h.

A study of cellular processes involved in the Central Dogma: DNA replication, transcription and translation. The study will include how gene expression is regulated at various levels, such as at the transcription level and post-translational level. Lastly students will study and perform different molecular genetic techniques used in laboratories today: pipetting, DNA gel electrophoresis, PCR and DNA cloning. Additional fee required. Prerequisite: BIOL2100 (C or better strongly recommended). +This course is only offered every other year.

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310) - 4 s.h.

An examination of the structure and function of biomolecules: proteins, lipids, carbohydrates and nucleic acids. The chemical and physical properties and their relationship to organ systems and laboratory techniques used to study and characterize the biomolecules. Prerequisite: CHEM3420/3421 and BIOL2100. +This course is only offered every other year.

BIOL4400 Immunology - 3 s.h.

Investigation of the innate and adaptive immune system, including inflammation, B and T cell development and function, immunization and its role in human health. Prerequisites: BIOL2100 and BIOL2360 (grade of C or better strongly recommended). +This course is only offered every other year.

BIOL4460 Cell and Cancer Biology - 3 s.h.

Students will investigate the cellular mechanisms of cancer and then will learn about a few specific cancers. Includes an in-depth study of the multistage model of carcinogenesis, genes involved in cancer, activation of cancer genes, signal transduction pathways that promote carcinogenesis, the mechanism of metastasis, apoptosis, how cancer treatments work, and the new potential cancer treatments. Prerequisite: BIOL2100 (grade of C or better strongly recommended). +This course is only offered every other year.

HLTH2560 Nutrition - 3 s.h.

A study the principles of nutrition as it relates to health, exercise, sports and disease. Students will be presented with applied content that includes research-based guidelines meant to help students differentiate between nutrition recommendations that are backed by science and the overabundance of false and misleading information. A grade of C or higher required to count toward the Allied Health major.

MATH1510 Calculus I - 4 s.h.

Limits, continuity, differentiation, and applications including exponential, logarithmic, trigonometric, and inverse functions. Mean value theorem, curve sketching, Riemann sums, and the fundamental theorem of calculus. Prerequisite: 2 years high school algebra. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

Student Life

The purpose of Student Life is to make Graceland a home for all students. We collaborate with the Graceland community to cultivate a culture where students discern who they are called to be, and where resources, support and opportunities are provided to help them answer that call.



Residence Life

The House System
Graceland's basic unit of student life is known as a "house". The house system is a unique program based on the principle of inclusion that recognizes the importance of each student attending the university and celebrates the individuality of each person. Members of each house elect seven students to hold dual house/student government leadership positions for each house. Under their direction, social, religious, and academic support activities are planned for the house members. In addition, through the leadership of those seven student leaders, the student voice is effectively communicated to the six student government organizations.

House membership cuts across academic classification, geographic regions, socio-economic backgrounds, racial and cultural backgrounds, as well as across all interest areas. This diversity ensures full-time students have the opportunity to

examine long-held belief systems and to learn to appreciate and celebrate diversity in a supportive caring environment.

The Room Placement Process

Graceland University believes a significant portion of a student's learning experience can be achieved through association with other students in residence hall living. At the beginning of their first year of enrollment, all full-time students (whether living on or off campus) are assigned to a house during the room placement process. They will remain members of that house through the duration of their education at GU.

The process of placing new students in rooms begins in May. At that time, the Residence Life Office generates reports about the returning members of each of the 16 houses. Those reports gather the following information: academic areas of study, athletic team membership, and home towns. New incoming students are then placed in a manner which spreads out those groupings as evenly as possible, thus helping ensure the richness of the Graceland residential experience. The first round of placement is completed in June and is sent out to students via their GU e-mail account. For help logging into GU email accounts, students may contact Tech Support at 641-784-5400.

Housing Applications (https://graceland.erezlife.com/assignment/home/) must be completed online. Roommate requests (https://graceland.erezlife.com/roomeez/groups/) can be submitted after both parties have submitted their housing application and are only considered when the request is received from both parties and so long as space is available. Chances of being placed with the roommate of your choice are greatest if the request is submitted prior to June 30.

The On Campus Living Policy

On the Lamoni campus, residence hall living is required of all students unless approval is received from the Residence Life Office. Students exempt from this policy are: students who are 23 years of age or older, military veterans, married students, or students living with legal dependents. Students who qualify for one of these exemptions need to complete an Off Campus Application (https://graceland.erezlife.com/assignment/home/) along with the necessary documentation to verify their exempt status, i.e.: copy of marriage license, dependent birth certificates, military ID card.

Students who have graduated from a high school located within a 45 mile radius of the GU Lamoni campus may qualify for a local vicinity exception. Student and parent(s)/legal guardian(s) must complete and submit a signed notarized copy of the Local Vicinity Exception Form (https://graceland.erezlife.com/resources/). If a notary is not available, all parties can sign in the presence of designees in the Offices of Residence Life, Dean of Students, and Student Financial Services Students who are found not living with their parent(s) or legal guardian(s) will be billed full room and board for the semester in question.

Other exceptions to the On Campus Living Policy are rare, but are considered on a case-by-case basis. Students who do not meet the above exemptions to the policy need to submit an Off Campus Application (https://graceland.erezlife.com/assignment/home/) to the Residence Life Office for consideration. The deadline for returning students to apply to live off campus is in March of the previous academic year. Students living off campus are responsible for their own arrangements, however; the Residence Life Office keeps a list of the names and contact information of local landlords willing to rent to college students.

The Housing Contract

Students sign and agree to Graceland's Housing Contract when submitting their Housing Application (https://graceland.erezlife.com/assignment/home/). The full copy of the Graceland University Housing and Dining Terms & Conditions can be found here (https://graceland.erezlife.com/resources/).

Residence Hall Closures

University-owned traditional residence halls are closed during the official breaks of the university, with the exception of Fall Break. However, if students have no other alternative, they can request approval to stay in the residence halls for a fee. As the dining facilities are closed during breaks, meals are not provided. Students living in the Small & Thomas Apartments or College Avenue Residences are not required to leave their residences during official breaks of the university.

Meal Plans

All of GU's housing facilities are located near the Floyd M. McDowell Commons. Students living in the four traditional residence halls (Graybill, Gunsolley, Tess Morgan and Walker Halls) as well as the College Avenue houses, are required to purchase a full board plan in the Floyd McDowell Commons. Additional information regarding dining options available online (https://gracelanddining.sodexomyway.com/my-meal-plan/ (https://gracelanddining.sodexomyway.com/my-meal-plan/)). Students residing in the Small & Thomas Apartments are required to purchase the 5-meal plan, but may also choose to purchase the full board plan. The full board plan, the 5-meal plan, and Gbucks are available to students who reside off campus. Gbucks are dollars which can be loaded onto a student's Graceland ID card and can be used on campus for food, or at five Lamoni restaurants for food, as well as the Lamoni Coliseum movie theater. Gbucks are available to all students.

Campus Ministries

Campus Ministries engages students in building community, sharing faith, and creating peace at Graceland. We merge two partners through who we are and what we do: Graceland University and Community of Christ, the university's founding and sponsoring Christian denomination. We provide student ministry and leadership development, pastoral care and counseling, spiritual formation and assistance for basic living needs.

Campus Ministries strives to create a spiritual home for students. A spiritual home is courageous space where each person can explore and deepen their relationship with God, and if a disciple of Jesus Christ, can live out more fully Christ's mission of invitation, compassion, evangelism, justice and peacemaking, and disciple formation. We encourage all students to discern their vocation and calling through academics, interfaith activities and their own faith tradition.

Graceland is non-sectarian, which means that students have the choice to participate in on-campus spiritual and religious practices. Most weekly activities and worship, offered in the Community of Christ tradition, are student-led. We collaborate with other faith traditions for both on-campus and off-campus options for students. Sunday mornings and Wednesday nights are reserved when possible for students to find relaxation, renewal and restoration. Campus Ministries and others on campus sponsor activities during those times to help students meet those objectives.

Campus Ministries also oversees SafeRide, to provide students with transportation to campus or for those attending Choices; SafeWalk, to provide assistance to students who would otherwise be walking by themselves across campus at night; SafeTravel, afternoon and evening transportation, Monday-Friday, for medically related appointments; and the Student Help Desk.

Campus Ministries is part of the Student Life team. Through collaboration, we uphold the worth of all persons, and the importance of balancing academics with co-curricular and extra-curricular activities.

Campus Ministries is located in Newcom Student Union, offices 36-38.

Our team includes

- house chaplains, elected by their respective houses, to offer spiritual friendship and support, led by the president of the Council of House Chaplains; house chaplains are part of Graceland Student Government,
- student chaplains, employed in specialized areas of ministry and service to the Lamoni campus,

students in InSpire, a ministry and leadership development initiative sponsored by Community of Christ, offering new and creative approaches to ministry (see below),

student employees for SafeRide, SafeWalk, SafeTravel and the Student Help Desk,

the graduate assistant for campus ministries who serves part-time and is enrolled in the Community of Christ Seminary, and

the full-time Campus Minister, director of spiritual and religious life on campus.

InSpire: Missional Ministry and Leadership
nSpire prepares students for lifelong service in missional ministry and leadership. Through a formational process, the missional ministry and leadership program guides students through their on-campus ministry. The goal is to merge fields of interests and education with theological and ethical understanding into relevant ministry. The practicum is a one-hour for-credit experience offered every semester. Contact the Campus Minister for more information.

Graceland Student Government (Lamoni Campus)

All students enrolled at Graceland are members of the Graceland Student Government (GSG). Student government is involved in all campus areas which affect students. The GSG is organized to express their views on issues of institutional policy and on matters of general interest to the student body. The branches of student government and their corresponding bodies include:

Executive — The executive authority and responsibility of the Graceland Student Government will be vested in the GSG president, the GSG Leadership Council, and Council of House Presidents.

Legislative — Student Senate

Academic — Academic Student Council (ASC)

Social — Campus Organization for Social Activities (COSA)

Intramural Athletics (IM) — Intramural Council and IM's Board

Judicial — Council on Student Welfare (CSW)

Spiritual — Council of House Chaplains

Each body has specific functions and responsibilities.

Academic Advising

If a student is exploring the value of a liberal arts education, developing meaningful educational goals, or making course selections, they should visit with an academic advisor. Academic advisors at Graceland build collaborative relationships and empower students through academic counseling.

An academic advisor guides students through course planning and teaches students how to make the most of their college experience. Academic advisors will discuss life goals with students and assist with exploring available education programs and courses that support these goals. Academic advisors are granted formal authority by an academic unit to approve the student's academic program of study. The ultimate responsibility for making decisions about education plans and life goals rests with the student.

More information about academic advising can be found on the Advising and Registration page (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/academic-policies-and-procedures/advising-registration/).

Mental Health Specialist

If a student has questions, problems or concerns, they are not alone. The Mental Health Specialist provides confidential mental health counseling and education to help you maintain mental wellness throughout the college experience.

The Mental Health Specialist helps all students with problems such as depression, anxiety and other behavioral and emotional concerns that interfere with their academic and social life on campus through individual or couples counseling and crisis intervention, as needed. Through the counseling process, students may explore their interpersonal relationships and their college experience. The Mental Health Specialist is also available for presentations on topics such as sexual consent awareness, how to recognize and treat depression, setting boundaries for good relationships, assertiveness, conflict resolution, and other mental health issues. The Mental Health Specialist may refer students to other professional services when necessary.

Office Hours: Weekdays 9 am – 5 pm by appointment
Office: NSU Room 32
Phone: 641.784.5463

Student Media

The Student Media team includes students who engage in producing The Tower, the online and print student newspaper, the Acacia, the university yearbook, and KBUZ, the online student radio. All three media platforms work collaboratively and support students through student employment, academic credit, and scholarship opportunities. The student team works with a team of advisers and a faculty member.

Music Groups

Graceland's Music Department offers a variety of ensembles for students to participate in, including Orchestra, Symphonic Band, Jazz Ensemble, The Marching Yellowjackets, Percussion and Steel Drumming Ensemble, Concert Choir, and Chamber Choir. Ensembles perform at a wide variety of events both on and off campus throughout the course of the academic year. Graceland students, regardless of major, may also register for applied lessons in voice, piano, woodwinds, brass, and percussion.

Recreational Facilities

The Morden Center includes a 200 meter indoor track; weight room; and badminton, basketball, tennis and volleyball courts. Outdoor facilities include two small lakes, an 18-hole disc golf course, Tennis Courts and the Bruce Jenner Sports Complex with the Ackerley 400 meter outdoor track, the Rasmussen soccer field, and the Huntsman football field. By special arrangement, Graceland students are welcome to join the Lamoni Golf and Country Club.

Fitz Center

The Fitz Center is a state-of-the-art facility equipped with cardiovascular equipment (treadmills, elliptical machines, stationary bikes, stair climbers and rowing machines), weight equipment (including free weights), and a group fitness studio for group fitness classes. Full-time students have access to this facility with payment of their student activity fee. The center is open 5:30 am – midnight seven days a week.

Student Health

Infinity Health, a local medical clinic, is available to service the health needs of Graceland students. Their office is a short walking distance from the campus. The address to the clinic is 802 East Ackerly Street, Lamoni Iowa 50140. Phone number is 641-784-7911. For more information, please visit their website at https://weareinfinityhealth.org (https://weareinfinityhealth.org/).

Graceland recommends the following immunizations understanding that religious and medical exemptions may apply:

- MMR #1 and MMR #2 (Mumps, Measles, and Rubella)
- Hepatitis B series, Meningitis and HPV(Gardisil)

Students from countries with a high prevalence of Tuberculosis are required to have a TB test done within the past year.

Student Athletes: please click Athlete Clearance/Training System Form (https://www.gujackets.com/Athletic_Training/Graceland_Athletic_Training_Student-Athlete_Clearance) and follow the instructions listed.

If you have questions, please contact the Vice President of Student Life and Dean of Student Office at doty@graceland.edu (mailto:doty@graceland.edu).

Health Insurance
All full-time students are REQUIRED to have an insurance plan that is valid in the state of Iowa. Please note: Many policies, including Medicaid, are only valid in the home-state. Students are responsible for complying with this requirement.

Health Insurance for International Students
All international students will be automatically enrolled with LewerMark Health Insurance which will be charged to their student account each semester. Here (https://www.youtube.com/watch?v=QrzT790z2yo) is a short introductory video regarding the insurance plan in the USA.

For more information about the International Student Health Insurance plan please visit www.lewermark.com/graceland (http://www.lewermark.com/graceland). If a student has health coverage that matches or exceeds the LewerMark plan, please contact ebennett@lewer.com (mailto:ebennett@lewer.com) to be considered for an insurance waiver. Questions about benefits contact lewermarksupport@lewer.com (mailto:lewermarksupport@lewer.com).

For a complete outline of the Health Requirements, please click here (https://my.graceland.edu/ICS/Resources/Health_Services/Health_Requirements.jnz).

Student Handbook

A student handbook (https://my.graceland.edu/ICS/Student/Student_Life/Student_Handbook.jnz) is available online. This handbook includes the Code of Conduct, campus policies, and general information.

Student Persistence

44% of new high school graduates who entered Graceland University in Fall 2019 graduated by 2025. 65% of the transfer students who entered Graceland in Fall 2019 completed the baccalaureate degree at Graceland by 2025. Graduation rates of students with athletically related aid are available here (https://pubdocs.graceland.edu/Registrar/EnrollmentReports/GradRatesAthletes20250910.pdf).

2025-2026 Cumulative Summary of Enrollment

Location	Enrollment
Undergraduate	
Lamoni	776
Independence	110
CGCS	27
Total Undergraduate	913
Graduate	
CGCS	512
Total Graduate	512

Location	Enrollment
Total University Enrollment	1425

Cumulative Geographical Distribution of Undergraduate Students for 2025-2026

(Lamoni and Independence Campuses – Fall and Spring Semesters)

40 States plus Puerto Rico are represented. 33 Countries are represented.

United States		Countries	
Alabama	5	Argentina	1
Alaska	3	Australia	2
Arizona	10	Austria	1
Arkansas	3	Bahamas	1
California	46	Bosnia & Herzegovina	1
Colorado	14	Brazil	2
Delaware	3	Canda	17
Florida	53	Chile	4
Georgia	8	China	1
Hawaii	10	Columbia	3
Idaho	5	Costa Rica	1

Illinois	35	Dominican Republic	5
Indiana	4	Ecuador	1
Iowa	174	England	1
Kansas	36	France	2
Kentucky	1	Germany	4
Louisiana	9	Greece	1
Maryland	1	Iceland	1
Michigan	10	India	1
Minnesota	6	Kazakhstan	1
Missouri	247	Kosovo	1
Nebraska	12	Lebanon	1
Nevada	8	Liberia	1
New Hampshire	1	Malaysia	2
New Jersey	5	Mexico	2
New Mexico	1	Morocco	1
New York	3	Netherlands	1
North Carolina	3	New Zealand	1

Ohio	5	Poland	1
Oklahoma	10	Slovakia	1
Oregon	3	South Africa	1
Pennsylvania	2	Spain	7
Puerto Rico	7	United Kingdom	2
South Carolina	1	United States	838
Tennessee	10	Venezuala	1
Texas	63		
Utah	3		
Virginia	3		
Washington	8		
Wisconsin	6		
Wyoming	1		
TOTAL UNITED STATES	**838**	**TOTAL COUNTRIES**	**912**

Student Rights and Code of Conduct



Code of Conduct

As a Christian institution, Graceland University seeks to foster relationships that reflect mutual concern, dignity and individual worth. Consistent with its religious heritage, Graceland's values of "learning, community, and wholeness" shape the community that we strive to be. Our Code of Conduct reflects these values, and consequently there are some behaviors that are not acceptable at Graceland University. For the sake of clear expectations, those are named below.

EXPECTATIONS AND VIOLATIONS

You are an important member of the Graceland community. Like all communities, we have expectations about how we live, study, work and play together. All members of the Graceland community are expected to respect one another, to respect themselves, to respect personal and university property, and to respect the principles of integrity, hard work and personal responsibility. With this being the case, the following behaviors have been identified as inappropriate, and a violation may result in disciplinary action. Although specific violations have been identified, it is recognized that other types of inappropriate behavior, which are detrimental to the best interests of the University or members of its faculty, staff, or student body, may be referred for disciplinary review.

Class A Violations

1. Possessing candles and/or incense in university housing.
2. Excessive noise, including violation of courtesy and quiet hours.
3. Littering.
4. Pets (other than fish) in university housing.
5. Removal of window screen in university housing.
6. Violation of the visitation policy which is contained in the Guide to Community Living in the Student Handbook – Lamoni campus. (first offense)
7. Violations of other stated residence hall rules and regulations contained within the Guide to Community Living in the Student Handbook.

Class B Violations

1. Consumption or possession of alcoholic beverages or their containers on university property or at a university event (first offense). Please note: Possession also means being in the presence of alcohol or their containers. (first offense)
2. Destroying, damaging, endangering or vandalizing private, public or university property (first offense)
3. Failure to present identification, identify self, falsely identifying self and/or failure to comply with the directions of a university officer acting in the performance of their duties. (first offense)
4. Illegal gambling on university property or at a university event.
5. Use or evidence of use of tobacco in any form or use of electronic cigarettes/vaporizers on university property or at a university event (first offense)
6. Use of university property or services without proper authorization.
7. Violation of the visitation policy which is contained in the Guide to Community Living within the Student Handbook – Lamoni campus. (second offense).
8. Violation of Residence Hall Probation.
9. Any disruptive and/or abusive behavior which disrupts a class, an official university function or the living/learning environment of the university Please note: impairment due to substance use may be deemed disruptive behavior. (first offense)

Class C Violations (Anywhere, Anytime)

1. Any disruptive and/or abusive behavior which disrupts a class, an official university function or the living/learning environment of the university. Please note: impairment due to substance use may be deemed disruptive behavior. (second offense)
2. Any form of theft or stealing.
3. Consumption or possession of alcoholic beverages or their containers on university property or at a university event (second offense). Please note: Possession also means being in the presence of alcohol or their containers.
4. Destroying, damaging, endangering or vandalizing private, public, or university property. (second offense)
5. Destroying, tampering with or altering smoke detectors, fire alarms or other safety equipment.
6. Discrimination or harassment, including but not limited to racial, sexual, ethnic, national or religious discrimination or harassment (see Harassment, Discrimination, Sexual Misconduct Policy in Student handbook).
7. Endangering the health or safety of any member of the community, or threats of endangerment.
8. Failure to present identification, identify self, falsely identifying self and/or failure to comply with the directions of a university officer acting in the performance of their duties. (second offense)

9. Hazing.
10. Intentional misuse/abuse of the university computer system, or repeated unintentional misuse/abuse. (See Technology Ethics and Use Policy contained in the Student Handbook)
11. Lying to University officials or to a disciplinary council.
12. Sexual behavior that is offensive or fails to respect other's rights. (see Harassment, Discrimination, Sexual Misconduct Policy in Student handbook)
13. Sexual contact or sexual touching of another person without consent. (see harassment, Discrimination, Sexual Misconduct Policy in Student handbook)
14. Striking another person without consent.
15. Use or evidence of use of tobacco in any form, or use of electronic cigarettes/ vaporizers on University property or at a university event. (second offense)
16. Use or possession of synthetic marijuana (e.g. K2, Spice, Black Mamba) or any controlled substance, including, but not limited to, narcotic drugs, marijuana, stimulants, barbiturates and/or hallucinogenic drugs, unless prescribed by a licensed physician. Possession of drug paraphernalia. Please note: possession also means being in the presence of a controlled substance, synthetic marijuana, or drug paraphernalia
17. Distribution of marijuana, synthetic marijuana, or any controlled substance including, but not limited to narcotic drugs, marijuana, stimulants, barbiturates and/or hallucinogenic drugs.
18. Use or possession of firearms, ammunition, fireworks (including smoke bombs), explosives, incendiary devices, weapons, dangerous substances, and/or materials prohibited by law while on campus or in attendance at university sponsored activities. Please note: possession also means being in the presence of any of the aforementioned items.
19. Viewing or displaying pornography in a public access area or computer lab.
20. Violation of university policies, city ordinances and/or state and federal laws.
21. Violation of Conduct Probation or Strict Campus Conduct Probationary status.

Lack of mention in the Code of Conduct with regard to objectionable actions does not imply approval, and may result in disciplinary action.

DISCIPLINARY HEARINGS AND COUNCILS

The following disciplinary hearings and councils have been formed to hear cases based upon where the violation took place, the severity of the violation, and which council, in the opinion of the Dean of Students or designated Residential Life Professional is best equipped to handle the hearing of a particular violation. Students who admit they are "in violation" may ask for an administrative hearing with either a Residence Hall Director (Class A and Class B violations) or the Director of Residence Life or the Dean Students (Class C violations). The administrator has the right to not hear a case. If the case is not heard by the administrator, the case will be referred to the Council on Student Welfare.

The Council on Student Welfare (CSW) is a council composed of faculty administrators and students as outlined in the GSG Constitution. A quorum of five CSW members, with representation from student, faculty, and administrative members is required to conduct a hearing. The Dean of Students or Residence Life Director will serve as advisory members to the CSW. The Council on Student Welfare may hear Class C violations and any case in which dismissal from the University is a possible sanction.

PLEASE NOTE: The Dean of Students may opt to handle any alleged violation at any time. Local authorities may also be called to handle potentially dangerous situations. Actions taken by local authorities will be in addition to disciplinary action by the University.

SANCTIONS

Graceland's values of community, learning, and wholeness guide its approach to justice. We see restorative justice (reconciliation and reparative action), distributive justice (all parties receive what is fair and due), and procedural justice

(practical wisdom of due process) over retributive justice whenever possible and practical. The purpose of sanctions is not to punish, but to help a student grow in their understanding of personal responsibility, to protect the community, and to help the student become an accountable member of the community. Consequently, there is no prescriptive formula for applying sanctions, as each student will be treated as a unique individual. Therefore, the list of sanctions below are options for university authorities and councils to consider, but the actual measures taken will depend upon the severity of the violation, pervious offenses, degree of involvement, and individual circumstances. These sanctions and their descriptions shall serve as guidelines for the university and may be modified and used in any combination to meet the needs of the university and the individual student involved.

A record of the disciplinary action will go to the student. A copy of the action will be kept in the Dean of Student's Office. Disciplinary actions are not recorded on a student's permanent file unless a student is dismissed from the University.

ACQUITTAL
Student is found not to be in violation of the charge against them and the matter is dismissed.

FACILITATED CONVERSATION
In facilitated conversation, the student found in violation of the Code of Conduct must engage in a conversation with the offended parties regarding the incident in question. The conversation is facilitated by a third party selected by the administrator or council hearing the case.

REFLECTION OR RESEARCH PAPER
The student is required to write a paper that involves research and/or reflection on a matter pertinent to the Code of Conduct violation that they were found in violation of. Students given this sanction will meet with a person designated by the administrator or council hearing the case, in order to discuss the paper.

RESTITUTION
Payment for repair or replacement costs of property damaged or lost. Full payment is due in the Student Life Office within 21 calendar days (three weeks) from the date the sanction is issued.

COMMUNITY SERVICE
The work, not less than five hours and not more than ten hours per violation, may be assigned. Community service may be administered as a sanction in place of or in addition to a fine. It is most appropriate when it is believed that the student will learn the consequences of their actions as a result of the service. It is also appropriate when the action that brought the student to disciplinary review involved a lack of concern for the community. Community service must be completed within 21 calendar days (three weeks) from the date the sanction is issued. If hours are not completed within this time frame, a fine (amount to be determined by the administrator/council) will be applied to the student's account.

FINES
Fines will depend upon the severity of the violation, previous offenses, degree of involvement, and the circumstances. Fines may be levied as a sanction according to the following guidelines:

Class A violations: Fines may be assessed up to $50 per violation.

Class B violations: Fines may not exceed $100 per violation.

Class C violations and other cases heard: The fine will not exceed $250 per violation – with the exception of violations of C5 which will not exceed $500 per violation. Full payment is due in the Student Life Office within 21 calendar days (three weeks) from the date the sanction is issued.

The student may be ordered to make restitution to the University for vandalism or to another injured party, in addition to any fine that may be given.

ALCOHOL EDUCATION
Offenders of the alcohol policy may be required to complete an alcohol awareness course and/or meet with a personal counselor.

DRUG RESPONSE PROGRAM
The student will be required to undergo a substance abuse assessment and, if recommended by the administrator of the assessment, must engage in subsequent substance abuse counseling. The expense of the assessment and required sessions will be the responsibility of the student. The initial session must be scheduled by the student within one week from the date the sanction is issued.

ANGER MANAGEMENT COUNSELING
A student issued this sanction will be required to meet with a counselor until released by the counselor. The first session must be scheduled by the student within one week from the date the sanction is issued.

COMPUTER USAGE RESTRICTIONS
A student may be restricted from certain privileges for a given time.

PARENTAL NOTIFICATION
A decision to notify parents depends upon the severity of the violation, degree of involvement and the circumstances surrounding the incident Students may choose or may be requested to join the administrator when parental contact is made.

PROGRAM DIRECTOR NOTIFICATION
Program directors, including coaches, will be notified if a student is in violation of a Class C Violation. The program director may impose further sanctions at their discretion.

RESIDENCE HALL PROBATION
This is a formal probationary status for a period of time not to exceed one semester. The terms and conditions will be set by the RLC, CSW, Dean of Students or Residence Life Director, depending on the circumstances and the individual needs of the student.

REQUIRED HOUSE CHANGE
The student will be required to change Houses. If the student is living in the residence halls, the student will be required to change floors. The student will not be allowed to attend House-sponsored events of the previous House membership.

CONDUCT PROBATION – Class C Only
This is a formal probationary status for a period of time determined by CSW, Residence Life Director, or the Dean of Students. Restrictions and provisions of this probation are individualized to allow for the particular need of the student, the University and/or the situation. The student will be prohibited from holding office in extracurricular clubs and/or house councils. Any further violations while on probationary status means that the student is subject to further disciplinary action.

STRICT CONDUCT PROBATION – Class C Only
This term describes a set of conditions making it possible for a student to remain a student in the university in spite of a serious violation. This action is a formal probationary status during which the student is removed from good standing at the university. This status is very near dismissal from the university and indicates the extreme seriousness of the probation. The student will may have one or more of the following conditions imposed when removed from good standing. These conditions will remain in effect until the student is returned to good standing at the university.

The student will be ineligible to graduate until the student is returned to good standing.

The student will be restricted from representing the university in any public performance or exhibit, sporting event, intramural event, committee assignment or in running for and/or holding any governmental office or any office in a

recognized student organization.

The student will be ineligible to receive scholarships and/or or grants from the university with the exception of need-based aid.

Any further violation of university standards while on probationary status means that a student is subject to suspension from the university.

DISMISSAL FROM RESIDENCE HALLS – Class C Only
The student will be required to move out of the residence halls within 72 hours after issue of this sanction. The terms of the dismissal as well as the length of time this dismissal will remain in effect will be determined by the CSW, Residence Life Director, or the Dean of Students. A student placed on probationary status will be banned from all residence halls and may not attend House sponsored events without the specific permission of the Dean of Students.

DISMISSAL FROM THE UNIVERSITY – Class C Only
A student may be dismissed immediately from the university for a period of time to be designated by the CSW or the Dean of Students.

APPEAL PROCEDURES
Any student found in violation of the Code of Conduct has the right to appeal their case. In cases heard by the Hall Director or the Residence Life Council, appeals will be heard by the Residence Life Director. In cases heard by the Residence Life Director, appeals will be heard by the Vice President for Student Life/Dean of Students. In cases heard by the Council on Student Welfare or the Vice President for Student Life/Dean of Students, appeals will be heard by the Vice President Council. The Vice President Council is composed of the Vice President for Academic Affairs (chair) and one other Vice President (other than the VP for Student Life).

If a student wishes to appeal a decision, they must submit a written appeal within three days (72 hours) after the student has been notified of the decision. Appeals will be heard based on the following:

Insufficient evidence

Lack of due process

Prejudice on part of person/council hearing the case

Improper notification of the hearing

Questions concerning policies or procedures may be directed to Jared Doty, Interim Vice President for Student Life and Dean of Students (). (mailto:<doty@graceland.edu?subject=Code%20of%20Conduct%20)

(mailto:<doty@graceland.edu?subject=Code%20of%20Conduct%20)
(mailto:<doty@graceland.edu?subject=Code%20of%20Conduct%20)
(mailto:<doty@graceland.edu?subject=Code%20of%20Conduct%20)
(mailto:<doty@graceland.edu?subject=Code%20of%20Conduct%20)
(mailto:<doty@graceland.edu?subject=Code%20of%20Conduct%20)
(mailto:<doty@graceland.edu?subject=Code%20of%20Conduct%20)

Harassment (mailto:<doty@graceland.edu?subject=Code%20of%20Conduct%20)

Harassment of students is not tolerated at Graceland University. Harassment undermines the mission of the university through its insidious and detrimental impact on individual students, faculty, staff and on the university community as a whole. Harassment stifles the realization of the victim's full potential as a student, faculty or staff member.

Harassment is especially serious when it threatens relations between faculty and student or supervisor and subordinate by unfairly exploiting the power differential between the parties in the relationship. Likewise, Graceland University does not tolerate harassment between people of equal university status.

Additional information is available in the Dean of Students Office to all current students, and to any applicant for enrollment. Please review the Harassment, Discrimination and Sexual Misconduct Policy is available online (https://portal.graceland.edu/pages/title-ix) or in the Dean of Students Office.

Missing Student Policy

Graceland's Missing Student Policy (https://my.graceland.edu/ICS/Student/Student_Life/Emergency_Contact_Info.jnz) is designed to guide a collaborative response if a student living in university-owned, on-campus housing, who based on the facts and circumstances known to the university is determined to be missing.

Anyone who believes a residential student is missing needs to report their concern to the Dean of Students' Office which will investigate each report and make a determination whether the student is missing.

A student will be deemed missing when he or she is absent from the University for more than 24 hours without any known reason. This policy is in compliance with the Higher Education Opportunity Act of 2008.

Each residential student will have the opportunity to identify an individual to be contacted by the university in case the student is determined to be missing. This confidential, emergency information will be available to the Dean of Students and may be updated at any time by the student in My Graceland (https://my.graceland.edu/ICS/Student/Student_Life/Emergency_Contact_Info.jnz).

If a missing student is under the age of 18 the university is required to notify the parent or guardian of the missing student no later than 24 hours after the determination by the Dean of Student's office that the student is missing. The Dean of Students' office will also notify the Lamoni Police Department no later than 24 hours after it is determined a student is missing.

Obscene or Profane Materials

Faculty, students and all other persons associated with Graceland University are prohibited from distributing and/or displaying in any manner, including but not limited to the mail, computer transmission or posting, of any material that is obscene or profane. This is not intended to prohibit the use of materials that may have an obscene or profane content for demonstrable educational purposes. Accessing obscene or profane materials in public areas is forbidden. The determination that material is inappropriate is at the sole discretion of the university and will be made based on the university's understanding of prevailing community standards. Violation of this policy will result in referral to the Dean of Students office for disciplinary action.

Photo and Videotape Policy

Graceland University takes photographs and videos of students throughout the year. These images often include students in classrooms, residence halls, micro labs, athletic events and other university activities. Graceland University reserves the right to use these photographs and videos in the promotion of the university. Students who enroll at Graceland University do so with the understanding that photographs may be taken that would include them and these photos may be used in university publications, websites, newspapers and other media for promotional purposes only. Names of students may also be released to the press regarding student involvement in academic and extracurricular activities.

Safety and Security Equipment

Severe disciplinary action will be taken against persons tampering with security and safety equipment or other acts that put the campus community at risk (e.g. loaning an ID card to someone else for unauthorized entrance to a building, propping a locked door open or allowing unauthorized access to secured areas).

Sexual Misconduct Policy

Please see the Harassment, Discrimination, and Sexual Misconduct Policy available online (https://portal.graceland.edu/pages/title-ix) or in the Dean of Students office by request.

Solicitation

The selling of items or solicitation of funds, by anyone including students, is prohibited on campus. Any exception to this policy must be cleared through the Council on Student Life. If you are approached on campus to make a purchase, please notify your Residence Hall Director or the Vice President for Student Life/Dean of Students.

Dismissal or Removal

The university may dismiss or remove a student whose mental or physical condition constitutes a threat or undue burden to himself/herself or others. A student may also be suspended/expelled for cause if his or her actions are found to be detrimental to the university community. In case of suspension/expulsion for cause, the student will receive failing grades for the semester. Re-enrollment requires permission from the Dean of Students.

Grievance Procedure for Students**

Graceland University will generally handle complaints or concerns of students through the grievance procedure. This procedure is designed to handle situations expediently. Academic issues will be handled under the supervision of the Vice President for Academic Affairs, student-related ones by the Vice President for Student Life, athletics-related ones by the Athletic director, etc. Graceland University will handle complaints or concerns with sensitivity, confidentiality, and with respect to the Graceland community.

PROCEDURE Any member of the Graceland student body who has a complaint or concern may initiate the following informal and formal actions. Access of information provided by the complainant will be available only to those persons on a reasonable need-to-know basis.

Informal Procedure. The purpose of the informal procedure is to provide an opportunity to mediate a mutually acceptable resolution between the parties. A complainant is encouraged to use the informal procedure prior to a formal complaint process.

1. A complainant may initiate an informal procedure for resolution by contacting the Dean of Students or designee of the Dean of Students (Lamoni) for counseling and assistance or the respective School Dean (Independence) or designee. In the case of academic matters, the designee will be the chair of the division or dean of the school.
2. In an informal procedure, the university official will counsel the complainant concerning options and, at the complainant's request, may help the complainant mediate the complaint informally.
3. If the complainant chooses to proceed with an informal complaint, the university official will inform the accused person(s) of the nature of the complaint, identity of the complainant and the actions available. If the complainant chooses not to proceed with an informal or formal complaint, no written record of the complaint will be kept.
4. An informal mediation process must be addressed within seven days. If mediation is successful, the results of that process are final. Unsuccessful resolution moves the matter to the formal procedure level of mediation. The process of complaint, response, and mediation will not normally exceed ten calendar days.
5. A written summary of the informal mediation proceedings will be made and retained by the university official, at the level where the matter is resolved. A copy of the summary will also be sent to the appropriate vice president, where it will be filed in his/her office.

Formal Procedure.

1. If a complaint cannot be resolved informally or if the complainant chooses to take the complaint through the formal procedure, the complainant may elect to initiate the formal complaint procedure.
2. A formal complaint must be made, in writing, to the Dean of Students or designee of the Dean of Students (Lamoni), or respective School Dean (Independence) or designee. The written complaint must include the following information: name, address and telephone number of the complainant; date(s) and location of the occurrence; evidence on which the complaint is based and redress sought by the complainant. In the case of academic matters, the designee will be the chair of the division or dean of the school.
3. The Dean of Students or designee of the Dean of Students (Lamoni), or respective School Dean (Independence) or designee will normally begin an investigation. An investigation of the complaint will normally begin within seven days of receipt of the written complaint.
4. The investigation will provide an opportunity for both the complainant and the accused person(s) to submit facts and to identify witnesses to be interviewed. The investigator shall be authorized to interview witnesses identified by any party. Upon completion of the investigation, the investigator will provide a written report of the formal investigation which details the findings and any recommended actions. If the facts are so disputed that the investigator cannot make fact findings, the investigator shall issue a finding of probable cause to institute further proceedings.
5. If the report recommends action against a faculty member that could lead to severe sanctions, including possible dismissal, the investigator shall recommend that the Dean of Faculty initiate the process leading to official hearings in accordance with the principles and procedures specified in the faculty handbook.
6. If the report recommends action against a person who is not a faculty member, the investigator shall recommend that the designated university official initiate official hearings and appropriate procedures as detailed in the Student Handbook or Personnel Handbook.
7. If no probable cause is shown from the investigation, the complainant may appeal, in writing, to the President of the university within 72 hours of the no probable cause finding. The complainant will be notified from the President's Office in writing of his/her decision, which is final.

**Issues dealing with harassment, including sexual harassment, will be handled in accordance with the University Harassment Policy.

In addition to the grievance policy stated above, students who feel a complaint has not been resolved may contact the Iowa Department of Education – Bureau of Iowa College Aid at (877) 272-4456 or by using the following URL: https://educate.iowa.gov/higher-ed/student-complaints (https://educate.iowa.gov/higher-ed/student-complaints)

Students enrolled in one of the University's distance education programs may also contact SARA Student Complaints (https://nc-sara.org/sara-student-complaints-0/ (https://nc-sara.org/sara-student-complaints-0/)).

Financial Aid



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(https://pubdocs.graceland.edu/Registrar/EnrollmentReports/GradRatesAthletes20210909.pdf)

Evaluating Financial Need

Students applying for federal and state financial aid must file a Free Application for Federal Student Aid (FAFSA) to determine financial need. Indicate on the FAFSA that you want the results of this analysis sent to Graceland University, **code #001866**.

When documents are received, all related factors in combination with this analysis are considered in granting aid and an award letter is sent to the student.

Procedure in Applying for Financial Aid

The Free Application for Federal Student Aid (FAFSA) should be submitted as soon as possible after October 1 prior to the upcoming academic year.

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Renewal of Financial Assistance

All forms of financial assistance are granted for a period of one academic year providing the student is making satisfactory academic progress at the beginning of each term. Students who wish to receive assistance in subsequent years must file the Free Application for Federal Student Aid (FASFA) each year so that their eligibility may be reviewed annually.

Returning students may file a renewal FAFSA online at https://studentaid.gov/h/apply-for-aid/fafsa/ (https://studentaid.gov/h/apply-for-aid/fafsa/). Renewal of most types of financial aid is based upon continuing financial need and academic achievement.

Graceland University institutional aid may be awarded to eligible students for up to but not to exceed ten full-time semesters.

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Institutional Scholarships and Grants

Graceland University administers a program of scholarships that are awarded to full-time students on the Lamoni Campus in the areas of academic, athletics, performing arts, advocacy, and communications. Scholarships are awarded for an academic year and renewed annually if compliance is met.

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Study Abroad

Students who are approved to participate in a study abroad program may, if eligible, receive Federal Financial Aid. Students must (1) file a Free Application for Federal Student Aid (FAFSA), (2) submit estimated costs to Student Financial Services for the study abroad program in which he/she wishes to participate; and (3) secure a statement from the Registrar indicating that all credits earned will be accepted at full value at Graceland University.

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Types of Financial Aid

Student Employment: Part-time employment of five but no more than ten hours per week on the university campus is available for many students. Priority is given to those who have financial need. Employment opportunities in university departments include office assistants, library assistants, catering assistants, custodians, receptionists, music accompanists, photographers, audio-visual equipment operators, and other similar positions. Earnings are paid the first and third Friday of each month. Graceland participates in the Federal Work-Study Program authorized by the Higher Education Act of 1965 as amended.

Students wishing to work who do not have financial need may apply for employment. These students will be approved for employment according to the needs of the institution.

Federal Supplemental Educational Opportunity Grant (SEOG): The Federal Supplemental Educational Opportunity Grant provides grants to low-income undergraduates with the greatest demonstrated financial need. Graceland University defines low-income as a 0 or less SAI for SEOG awarding. Priority is given to students who receive Federal Pell Grants. Recipients must maintain satisfactory academic progress. This grant does not have to be repaid. Students may receive SEOG until they earn a bachelor's degree if they continue to meet the eligibility requirements and funds are available. However, the amount of the grant may change each year according to the family financial situation, availability of funds and changes in awarding guidelines.

Federal Pell Grant: This Federally funded grant program provides grants to low-income undergraduates with the greatest demonstrated financial need. Application is made by completing the Free Application for Federal Student Aid (FAFSA) and submitting it to the Department of Education. The federal government determines the student's eligibility for this award. The student must maintain satisfactory academic progress. This grant does not have to be repaid.

Teacher Education Assistance for College and Higher Education (TEACH) Grant: The Teacher Education Assistance for College and Higher Education (TEACH) Grant Program provides grants of up to $4,000 per year to students who agree to teach a high need field in a public or private elementary or secondary school that serves students from low-income families. As a recipient of a TEACH Grant, you must teach for at least four academic years within eight calendar years of completing the program of study for which you received a TEACH Grant. IMPORTANT: If you fail to complete this service obligation, all amounts of TEACH Grants that you received will be converted to a Federal Direct Unsubsidized Stafford Loan. You must then repay this loan to the U.S. Department of Education. You will be charged interest from the date the grant(s) was disbursed. Note: TEACH Grant recipients will be given a 6-month grace period prior to entering repayment if a TEACH Grant is converted to a Direct Unsubsidized Loan. Application is made by completing the Free Application for Federal Student Aid (FAFSA) and signing the TEACH Grant Agreement to Serve and completing the counseling. The student must meet certain academic achievement requirements (generally, scoring above the 75th percentile on a college admissions test or maintaining a cumulative GPA of at least 3.25). The student must maintain satisfactory academic progress.

William D. Ford Direct (Subsidized and Unsubsidized) Student Loan Program: Borrowers begin repaying loans six months after ceasing at least half-time enrollment in postsecondary education, unless borrower qualifies for deferment. Cancellation of loans is available for employment in certain designated fields, under certain conditions. This is a loan from the federal government. While eligibility for the subsidized Direct Loan requires proof of financial need, financial need is not a consideration for the unsubsidized Direct Loan. The student must file a Free Application for Federal Student Aid (FAFSA) annually to determine eligibility for participation in this program and be enrolled at least half-time. Starting July1, 2026, loans will be reduced in proportion to your actual enrollment if you will not be enrolled full time. The interest rate is determined on July 1st for the succeeding academic year. Borrowers of a Direct Loan are charged a loan origination fee, which charges annually and will be subtracted from the loan proceeds at disbursement.

Annual Limits for Subsidized/Unsubsidized Loans

Dependent Undergraduates	Subsidized	Total (Subsidized & Unsubsidized)
First Year	$3,500	$5,500
Second Year	$4,500	$6,500
Third Year and Beyond	$5,500	$7,500
Independent Undergraduates (Also Dependent Students that are eligible for additional Unsubsidized due to Parent PLUS denial)	**Subsidized**	**Total (Subsidized & Unsubsidized)**
First Year	$3,500	$9,500
Second Year	$4,500	$10,500
Third Year and Beyond	$5,500	$12,500

Aggregate Limits for Subsidized/Unsubsidized Loans

Dependent Undergraduates	Subsidized	Total (Subsidized & Unsubsidized)

	$23,000	$31,000
Independent Undergraduates (Also Dependent Students that are eligible for additional Unsubsidized due to Parent PLUS denial)	**Subsidized**	**Total (Subsidized & Unsubsidized)**
	$23,000	$57,500

Federal Direct Subsidized Loan only: No payments are due from the student and the government pays all interest while the student is in school.

If you are a first-time borrower on or after July 1, 2013, there is a limit on the maximum period of time (measured in academic years) that you can receive Direct Subsidized Loans. This time limit does not apply to Direct Unsubsidized Loans or Direct PLUS Loans. If this limit applies to you, you may not receive Direct Subsidized Loans for more than 150 percent of the published length of your program. This is called your "maximum eligibility period." Your maximum eligibility period is generally based on the published length of your current program .

Federal Direct Unsubsidized Loan only: Repayment on the principal amount of the loan does not begin until six months after the student leaves school or drops below half-time status, BUT the student is responsible for the interest from the date of the last disbursement of the loan. The student may pay the interest monthly or quarterly, or may defer interest payments during school or the six-month grace period. Arrangements for payment are made by the student with the Department of Education. For independent students and dependent students whose parents cannot obtain a Federal Direct Plus Loan the student may have additional unsubsidized loan eligibility.

William D. Ford Federal Direct Parent Loan for Undergraduate Students (PLUS): The Federal Direct Parent PLUS Loan is available to parents of dependent undergraduate students. The student must file a FAFSA. Approval of a PLUS Loan is contingent upon credit approval by the U.S. Department of Education.
As of July 1, 2026, Parent PLUS loans are capped at:
$20,000 per year per student (annual limit)
$65,000 per student (aggregate lifetime limit)

The key date is when the loan is first disbursed. If your first Parent PLUS loan disbursement for a particular student occurred before July 1, 2026, you fall under the old rules and can borrow up to the cost of attendance minus other financial aid received. If it happens on or after that date, the new limits apply.

There's also a legacy provision worth understanding. If you've already borrowed Parent PLUS loans before July 1, 2026, you can continue borrowing under the old unlimited system for up to three more years, but only if your child stays at the same school and in the same program. Switch schools or degree programs, and you're subject to the new caps.

The interest rate is determined annually at the time of disbursement. The rate is fixed for the life of the loan. Repayment of principal and interest begins within 60 days of full disbursement, or a deferment may be available to postpone repayment until 6 months after the student graduates or drops below part-time enrollment. The U.S. Department of Education charges a loan origination fee which will be subtracted from the loan proceeds at disbursement.

For more information, please visit https://studentaid.gov/ (https://studentaid.gov/)

Iowa Tuition Grant: Iowa Tuition Grant (ITG) is funded by the State and is awarded to Iowa residents that demonstrate need and attend an independent (private) college in Iowa. Application for the Iowa Tuition Grant is accomplished by completing a Federal Application for Federal Student Aid (FAFSA). The FAFSA must be received at the processing center by the July 1 deadline. The student must maintain satisfactory academic progress and ITG is only available for eight full-time semesters or the equivalent.

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Financial Aid – Undergraduate Distance and Online Programs

Graceland offers undergraduate degree programs through a variety of delivery methods including off-campus classroom, on-line and correspondence, and sometimes a blended model of two or more methods. All of these degree programs are eligible for financial aid, either Title IV federal student aid or private loans. Graceland University has chosen to establish a reasonable tuition rate rather than offer institutional aid for these degree programs.

To apply for Title IV federal student aid, students must file a Free Application for Federal Student Aid (FAFSA) as described in the Financial Aid section of this catalog.

To establish eligibility for private loans, students apply directly to the lender of choice. Graceland's Financial Advisors can assist with this process.

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Tuition, Expenses & Financial Requirements

For specific fee or tuition amounts, please refer to the specific program or general fee section. All costs are quoted in United States currency. All payments are due in U.S. funds. The University reserves the right to change its rates without notice. Rates may change for 2027 – 2028.



Institutional Deposit

An institutional deposit of $200.00 is required for all full-time students on the Lamoni Campus. This deposit must be paid prior to receiving a room assignment or registering for classes. The deposit is refundable until May 1 for new or re-entry students entering fall semester, and November 1 for new or re-entry students entering spring semester. For enrolled students, the deposit is refundable (net of any outstanding charges) after termination of enrollment at Graceland University. Failure to initiate the withdrawal process or to complete the checkout process at the time of withdrawal from the university, either mid session or at the close of the session or academic year, can result in the forfeiture of the institutional deposit. Costs arising from damage to university property, supplies or equipment, as well as fines or other charges placed on the student account will be deducted from the deposit. In the event that the deposit is forfeited, it will not be available to help pay these costs.

Tuition and Auditing

Undergraduate students on the Lamoni Campus and undergraduate students in the Nursing Program on the Independence Campus are charged full-time tuition if enrolled in 10 – 18 semester hours. The part-time hourly fee is charged to students enrolled in less than 10 semester hours and to full-time undergraduate students for each hour registered over 18. Students

who exceed the 18 semester hour limit by virtue of having applied lessons as part of their schedule are allowed to take the lessons without additional per hour tuition fees. Added tuition is waived for students officially admitted to the Honors Program who are taking over 18 hours with a cap of 21 semester hours in a given semester. Hours over 21 will not be waived.

An audit fee of one-half the per semester hour part-time rate is charged for audited courses when the total of semester hours for audit and credit is less than 10. There is no audit fee charged for auditing courses if the total of semester hours of courses for credit and audit is 10 or more, including hours over 18.

Room Rates (Lamoni Campus)

Lamoni Campus residence hall room rates are based on the number of students expected to be assigned to the room. All freshman students are required to have roommates. Semi-private and private rooms are available on a limited basis to upper-class students. Returning students are given priority. If a student living on campus withdraws from housing (but not from school) anytime after the first week of the semester, the semester charge for housing remains assessed in full with no refund.

Board (Lamoni Campus)

Lamoni Campus residence hall students are required to purchase full board meal plans. Lamoni Campus students residing in the Small and Thomas apartments are required to purchase a 5 meal plan. Full meal plans or flex point meal purchases are available to students residing off campus. There are no refunds for missed meals. Food services will be closed during the official breaks of the university. Special dietary needs may be discussed with the Director of Food Services.

Additional Costs

The cost of books and supplies varies by program. The amount provided as expected budget is $700.00 per semester for purchase of books and supplies for undergraduate on-campus programs.

Special lesson and/or course fees exist. Please refer to the Lamoni Campus Program Tuition & Fees for specific information.

Athletic equipment costs vary by sport and student. Please contact your coach for cost information.

Tuition and Expenses

2026-2027 General Fees

Fee	Amount
Acacia Yearbook - current school year copy (nonrefundable)	$70 (included in graduation fee)

Fee	Amount
Acacia Yearbook - last school year copy (nonrefundable)	$70
Acacia Yearbook - older school year copy (nonrefundable)	$55
Access Card Replacement (card used for entrance to Independence campus) (nonrefundable)	$25 per occurrence
Audit Fee (Course Audit is not offered in all programs. There is no audit fee or additional tuition charge for Lamoni Campus or Independence Campus Nursing Program full-time students auditing courses when the total of semester hours of courses for credit and audit is 10 or more, including hours over 18.)	50% Program's Regular Tuition
Consortium Admin Fee (Acadeium Consortiums) (Student also pays actual Consortium Tuition Cost) (nonrefundable)	$100 per occurrence
Diploma Replacements with Cover (nonrefundable)	$50 per occurrence
Diploma Replacements without Cover (nonrefundable)	$40 per occurrence
Distance Learning Bookstore Restocking Fee (nonrefundable)	$10 per occurrence
Excess Check Overnight Mailing Fee (nonrefundable)	$40 per occurrence
Experiential Learning Credit Fee (nonrefundable)	$100 per semester hour
Extension Fee for Incomplete Course (nonrefundable)	$100 per occurrence

Fee	Amount
Graduation Fee (assessed with application for graduation) (nonrefundable)	$100 per occurrence
Graduation Fee Lamoni Campus students (includes a copy of Acacia) (nonrefundable)	$180
Graduate Tuition Reduction (tuition reduction for Graceland graduates)	15% per course
ID Card Replacement Fee (nonrefundable)	$25 per occurrence
International Travel SOS Emergency Assistance Fee (Applicable to travel outside the U.S., including students in independent studies or internships, unless already a component of an existing charge. Emergency assistance service offers local expertise, preventative advice, and emergency assistance during critical illness, natural disaster, accident, or civil unrest.)	$100 per occurrence
Late Change of Registration Fee (requires official approval) (nonrefundable)	$50 per occurrence
Late Financial Clearance Fee (nonrefundable)	$200 per semester if applicable
Payment Plan Processing Fees (nonrefundable)	$50 for plans > 2 months
Proficiency Examination Fee (nonrefundable)	$100 per semester hour
Online Access for Proficiency Exam (nonrefundable)	$110 per online exam
Program Re-Sequencing Fee (applicable as determined by program) (nonrefundable)	$100 per occurrence

Fee	Amount
Reactivation Fee (Applicable if students have had a major semester elapse since their last enrollment.); (Missouri program students have a three business day right of rescission.) (nonrefundable)	$50 per occurrence
CEU Credit Recording Fee for Seminars and Workshops (seminars and workshops may have additional costs) (nonrefundable)	$20 per event
College Level Examination Program (CLEP) Recording Fee (nonrefundable)	$20 per semester hour
Excelsior College Exam (non-nursing) Recording Fee (nonrefundable)	$20 per semester hour
Joseph Smith Historical Center Internship Recording Fees (nonrefundable)	$60 per student
Kirtland Temple Historic Center Internship Recording Fees (nonrefundable)	$60 per student
Living History Farms Internship Recording Fees (nonrefundable)	$60 per student
Returned Check Service Charge (nonrefundable)	$30 per check
Student Health Insurance for International Students - Fall Semester only (must be registered for Fall only) (nonrefundable)	TBD Fall
Student Health Insurance for International Students - Spring Semester only (must be registered for Spring only) (nonrefundable)	TBD Spring

Fee	Amount
Official Transcript Fee (nonrefundable)	$12.50 per transcript
Unofficial Transcript Fee (nonrefundable)	Available free online through My Graceland (https://my.graceland.edu/)
Transcript Faxing Fee (nonrefundable)	$3 per transcript
Transcript Overnight Mailing Fee (nonrefundable)	$50 per occurrence
University Technology Fee: Full-time on campus students on Independence Campus and Trenton	$185 per session (10-18 hours)
University Technology Fee: Lamoni, Independence, or Trenton part-time, on campus students	$10 per credit hour
University Technology Fee: All other students except ACE and SkillPath	$4 per credit hour
Visiting Student Fee (Missouri program students have a three business day right of rescission) (nonrefundable)	$50 per course
Wiring Fee - Incoming Wires (fee is netted with funds wired) (nonrefundable)	$5 per transaction
Wiring Fee - Outgoing Domestic Wires (nonrefundable)	$8 per transaction
Wiring Fee - Outgoing International Wires (nonrefundable)	$45 per transaction

Lamoni Campus Tuition and Fees

To see all Lamoni Campus fees click here (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/tuition-expenses-and-financial-requirements/lamoni-campus-tuition-and-fees/).

Fee	Annual Cost	Semester Cost
Full-Time Tuition (semester hours 10-18)	$22,000 ($733/credit hour)	$11,000 ($733/credit hour)
Part-Time Tuition (semester hours less than 10 or over 18)	$620 per credit hour	

ACE Program

Item	Fee
Tuition: Online Standard Option	$250 per course
In-School Option (High school supplies instructor & book)	$30 per semester hour

Undergraduate Online Business Program

Undergraduate Online Business Program

Fee	Cost
Tuition - Online (courses for major, electives and general education)	**$420.00 per semester hour**
Late Registration Fee	$100 per occurrence
Program Support Fee (online courses)	$18 per course
Program Re-sequencing Fee (nonrefundable)	$100 per occurrence

Edmund J. Gleazer School of Education Undergraduate Programs Tuition and Fees

Independence, Missouri Campus

Additional costs may result if Student Teaching outside a 40 mile radius of either the Lamoni or Independence campus.

Fee	Amount
Tuition	$420.00 per semester hour
Partnership Tuition Reduction	15% for GU Scholars through MCC and JCCC - pending
Background Check (Education Majors) (nonrefundable)	$35 one-time
Education Program Technology Fee - first year EDUC2420 (nonrefundable)	$100 year one
Foundations of Reading Test Fee (Iowa Reading Endorsemet) EDUC3481	$139.00 per course

Fee	Amount
Program Support Fee (online courses)	$18 per course
Student Teaching Fee (Additional costs may result when student teaching outside a 40 mile radius of either the Lamoni or Independence Campus)	$150 per occurrence

School of Nursing Undergraduate Tuition and Fees BSN-RN

Fee	Cost
Tuition	$745 per credit hour
Nursing Program Fee All inclusive fee that includes: clinical fee (covers PPE), liability insurance, materials fee, Student Activity fee (covers uniforms, iPad mini, skills bags), and testing fee (ATI)	$1,800/trimester) (prior to Jan. 2026 start, $1,600/trimester)
Deposit (due 30 days after acceptance)	$200
Late Registration Fee (nonrefundable)	$100 per occurrence
Reactivation Fee (nonrefundable)	$600 per occurrence

Distance Learning RN-BSN Program Undergraduate Tuition and Fees

Fee	Cost
Tuition - RN-BSN Programs	**$535.00 per semester hour**
Partnership tuition Reduction	20%
Late Registration Fee (nonrefundable)	$100.00 per occurrence
Program Support Fee (online courses)	$18 per course
Recording Fees - CLEP, DANTES, Excelsior exams (nonrefundable)	$20 per semester hour
Re-Sequencing Fee (nonrefundable)	$100 per occurrence
Program Fee	$5 per semester hour

Distance Learning RN-MSN Program Tuition and Fees

Undergraduate Level Courses Tuition and Fees

FEE	COST
Tuition: RN-MSN Program	**$535 per semester hour**
Partnership Tuition Reduction	20%
JR Level Nursing Course Recording (Escrow Course Credit) (nonrefundable)	$25 per semester hour

Late Registration Fee (nonrefundable)	$100 per occurrence
Program Support Fee (online courses)	$18 per course
Recording fees (CLEP, Dantes, Excelsior exams (nonrefundable)	$20.00 per semester hour
Re-Sequencing Fee (nonrefundable)	$100 per occurrence
Nursing Program Fee	$10 per course

Graduate Level Courses Tuition and Fees

FEE	**COST**
Tuition	
TUITION: Adult Gerontology Acute Care Nurse Practitioner (AGACNP), Family Nurse Practitioner (FNP), Psychiatric Mental Health Nurse Practitioner (PMHNP) - including certificates Graceland alumni eligible for 15% tuition discount)	$830 per semester hour ($705 with alumni tuition reduction)
Tuition: Nurse Educator Post-Master's Certificate	$550 per semester hour
Late Registration Fee (nonrefundable)	$100
Program Placement Fee (Optional) - FNP, PMHNP, NE programs (NURS6740, NURS6760) (225 hours) (nonrefundable)	$15.50 per practicum hour

Program Placement Fee (Optional) - FNP, PMHNP, NE programs (NURS6841, NURS6842, NURS6843) (200 hrs) (nonrefundable)	$15.50 per practicum hour
Program Placement Fee (Optional) - FNP, PMHNP, NE programs (NURS6830) (300 hrs) (nonrefundable)	$15.50 per practicum hour
Program Support Fee (online courses)	$18 per course
Re-Sequencing Fee (nonrefundable)	$100 per occurence
Testing Fee (NURS6830, 5470, 6843)	$85 per occurrence
Program Fee	$125 per credit

Retired Citizen Tuition Waiver

Retired citizens, 60 years of age or over, will receive a tuition waiver equal to the tuition (or audit) charge for one regularly scheduled Lamoni on-campus undergraduate course per session. An Administration Fee is assessed. The scheduling of the chosen course will be based upon the number of tuition paying students. Course fees will not be waived. Additional courses may be taken by paying full tuition and fees.

Lamoni Campus All Tuition and Fees



Tuition and Fees

Direct Costs

Tuition	$22,000 ($733/credit hour)	$11,000 ($733/credit hour)
Housing (based on a two-person room)	$4700	$2,350

Expense	Annual Cost	Semester Cost
Food	$6,900	$3,450
Lamoni Program Fee	$1,200	$600
TOTAL DIRECT COSTS	**$34,800**	**$17,400**

Tuition

Fee	Annual Cost	Semester Cost
Full-Time Tuition (semester hours 10-18)	$22,000 ($733/credit hour)	$11,000 ($733/credit hour)
Part-Time Tuition (semester hours less than 10 or over 18)	$620 per credit hour	

Room (nonrefundable after the first week of school)

Fee (per student)	Annual Cost	Semester Cost
Standard Two-Person Room	$4,700	$2,350
Semi-Private Room	$5,340	$2,670
Private Room	$6,700	$3,350

Fee (per student)	Annual Cost	Semester Cost
Small and Thomas Apartments Rental Deposit (unfurnished)	$500	
Small and Thomas Apartments Rental:		
Single bedspace - per student rate	$7,000	$3,500
Double bedspace - per student rate	$5,690	$2,845
Off Campus Fee (Athletic Exemption)	$1,000	$500

Board

Plan	Annual Cost	Semester Cost
Full Meal Plan (available to all students) 14 Commons Meals/Week plus 125 Flex Dollars 10 Commons Meals/Week plus 200 Flex Dollars	$6,900	$3,450
21 Plus Meal Plan (available to all students) 21 Commons Meals/Week plus 100 Flex Dollars	$7,080	$3,540
Five-Meal Plan (available to students in apartments and off campus) 5 Commons Meals/Week plus 75 Flex Dollars	$3,520	$1,760
75 Meals (available to students off campus only) 75 Meals/Semester plus 100 Flex Dollars	$3,520	$1,760

Other Fees

Item

Background Check - Education majors (nonrefundable)

Course and Lab Fees:

Keyboard/Piano Class Lab Fee:

MUSC1710 & MUSC1720 - Keyboard Skills I & II

MUSC1740, MUSC2120 - Piano Class

Music Applied Lesson Course Fee:
charge fee based on how many semester hours a student has registered for the academic year combined)
MUSC1510,MUSC1530,MUSC1610,MUSC1630,MUSC1670,MUSC1750,MUSC3530,MUSC36

One semester hour

Two semester hours

Three semester hours

Four semester hours

Performing Arts Capstone Fee: Required for all Performing Arts Majors
PART4xxx Senior Capstone (nonrefundable)

Deposit (to be paid prior to enrollment)

Item
Education Technology Fee (nonrefundable) - Education majors
Foundations of Reading Test Fee (Iowa Reading Endorsement) - EDUC3481 (nonrefudable)
Music Instrument Rental Fee (nonrefundable)
Program Support Fee (online courses)
Retired Citizen Administration Fee (60 Years of Age or Over) (Receive waiver of tuition or audit charge for one regularly scheduled Lamoni On-campus Under semester with payment of this fee)
Student Teaching Fee (Additional costs may result when student teaching outside a 40 mile radius of either the Lamo Campus)
Study Abroad Enrollment Fee (nonrefundable)
Fall or spring semester
Summer session
Internship only / individual study (any session FA/SP/SU)

Lamoni Campus – Summer Session

Item	Fee
Tuition	$360 per semester hour
Summer Travel Programs: Full-time Lamoni Campus students who have earned a minimum of 15 s.h. in residence will have the option to enroll in the following off-campus experiences tuition-free during the summer session. Trip expenses will still apply. If conditions have not been met, full tuition will be charged.	
Travel Experiences Tuition Waiver (either group-led or study abroad program approved) If student is enrolled full-time at least one semester in the preceding academic year and completed 15 s.h. in residence. Fees, room, board and other costs may still apply.	100% tuition waiver for one course per summer
Internships, Practicums and Individual Studies Abroad Tuition Waiver If student is enrolled full-time at least one semester in the preceding academic year and completed 15 s.h. in residence. Fees, room, board and other costs may still apply. Students may enroll in a maximum of 3 s.h. of internship, practicum, or individual study abroad per academic year tuition-free.	100% tuition waiver for one course per summer
Trip Expenses Trip expenses are required to be paid prior to trip departure. Student account needs to be in good standing (either paid in full or current on payment plan).	Determined per program
Housing - Small and Thomas Apartments: (see Housing Contract for dates)	
Two-person occupancy	$1,950 per student

Item	Fee
Three-person occupancy	$1,790 per student
Summer storage (current students only)	$210 per student

Lamoni Campus – Discounts

Honors Program Tuition Waiver : 100% waiver over 18 hours
(Waiver of tuition charges for hours over 18 due to Honors Program enrollment with a cap of 21 hours. Hours over 21 will not be waived)

Music Lesson Tuition Waiver : 100% waiver over 18 hours
(Waiver of tuition charges for hours over 18 due to Music Lesson Course enrollment).

Retired Citizen Tuition Waiver : 100% waiver (60 Years of Age or Over)
Tuition waived for one course per semester and requires a $50 administration fee.

Summer Travel Programs

Full-time Lamoni Campus students who have earned a minimum of 15 s.h. in residence will have the option to enroll in the following off-campus experiences tuition-free during the summer session. Trip expenses will still apply. If conditions have not been met, full tuition will be charged.

Travel Experiences Tuition Waiver (either group-led or study abroad program approved): 100% One Course per Summer
If student is enrolled full-time at least one semester in the preceding academic year and completed 15 s.h. in residence. Fees, room, board and other costs may still apply.

Internships, Practicums and Individual Studies Abroad Tuition Waiver: 100% One Course per Summer
If student is enrolled full-time at least one semester in the preceding academic year and completed 15 s.h. in residence. Fees, room, board and other costs may still apply. Students may enroll in a maximum of 3 s.h. of internship, practicum, or individual study abroad per academic year tuition-free.

Trip Expenses: Determined per program
Trip expenses are required to be paid prior to trip departure. Student account needs to be in good standing (either paid in full or current on payment plan.)

For more information regarding additional fees, please see General Fees (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/tuition-expenses-and-financial-requirements/).

Undergraduate Financial Arrangements



Financial Arrangements

Fees and charges are considered late if not paid on or before the program start date of each term. Financial Clearance (payment of the balance due or approved payment arrangements) must be completed by the program start date of each term. Failure to be financially cleared by the program start date may result in the assessment of a $200.00 Late Financial Clearance Fee. Continued failure to become financially cleared or to maintain payment arrangements may result in registration suspension; registration cancellation; withdrawal from the university; and withholding of a transcript, grade, or degree.

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Refund and Return of Financial Aid for Course Withdrawals or Changes in Enrollment Status
Return of Institutional Deposit

Payment Options

Fall semester due date is August 1

Spring semester due date is January 2

Full payment or participation in an approved payment plan is required on or before the first day of class. A penalty may be assessed for late arrangements. If you fail to be financially cleared, you risk being dropped from enrollment and possible institutional withdrawal. Accounts that become past due will be assigned an accounts receivable hold, which will prohibit changes in registration and/or release of transcripts.

Provision for Military Veterans who have provided Certificate of Eligibility*: In compliance with Section 103 of the Veterans Benefits and Transition Act of 2018, Graceland University will not impose the following penalties to covered individuals** due to the delayed disbursement of funding from the Department of Veteran Affairs:

- preventing nor delaying the student's enrollment,
- the assessment of late fees,
- the denial of access to any resources available to other students who have satisfied their tuition and fees bills to the institution, including but not limited to classes, libraries, or other institutional facilities,
- or require the student to secure alternative or additional funding.

This provision does not cover any balance remaining in the amount of the student's financial obligation to the university and the amount that the student is eligible to receive from the Department of Veterans Affairs. The student is required to make payment for the difference.

*Certificate of Eligibility is defined as a Certificate of Eligibility, a Statement of Benefits, or a VAF 28-1905. **Covered individual is defined as any individual who is entitled to educational assistance under Chapter 31, Vocational Rehabilitation and Employment, or Chapter 33, Post 9/11 G.I. Bill®

Online Course Sharing courses do not qualify for VA benefits.

How do I pay my bill?

(All payments are due in U.S. funds.)

Pay Online (https://www.graceland.edu/student-account-payment-center/)

Pay online using credit card or debit card.

Mail your payment to:

Graceland University, Student Financial Services, 1 University Place, Lamoni, IA 50140

Contact Student Financial Services to pay by phone:

1-866-472-2352 option 3

Or e-mail Student Financial Services at myfinancials@graceland.edu (mailto:myfinancials@graceland.edu)

Fax Number: 641-206-8414

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Payment Plans

Graceland University is pleased to offer a payment plan allowing a monthly payment schedule. Plans are interest free and are assessed a non-refundable processing fee of $50.00 for plans 3 months or longer. Students or parents interested in a payment plan should contact the office of Student Financial Services.

Late Payments

Registration as a student at Graceland University signifies the student's agreement to do the following:

- Pay all charges and/or fees as posted to the student account when due.
- Acknowledge that failure to make a required payment by the stated deadline can result in late fee(s); registration suspension; registration cancellation; withdrawal from the university; and withholding of a transcript, grade, or degree.
- Acknowledge that obligations not paid in full prior to the due date shall be payable on demand and shall bear interest at the rate of 8% per annum, computed from the withdrawal date until the obligation is paid in full.
- Pay all costs, expenses, and collection agency or attorney fees related to the collection of the obligation, to the extent permitted by law and in accordance with the laws of the State of Iowa.
- Acknowledge that Graceland University will report any delinquency, default or other credit experience pertaining to this agreement to any or all credit reporting agencies.

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Credit Balance

Balance of funds in excess of charges created by financial aid will be paid directly to the student (with the exception of Parent Plus Loans which will be payable to the parent). These funds are available to the student for use in paying non-Graceland costs such as books, off-campus housing, personal expenses and transportation.

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Withdrawal from the University

Graceland University students who are not returning to Graceland for the next term, including GRADUATES and students who leave during a term, are required to initiate the withdrawal process. Lamoni Campus students must notify Student Life Office of their intent to withdraw. DPT students notify the Program Director or the Director of Student Affairs. Independence Campus students, and all other online students notify the administration assistant for their program or the Assistant Director of Operations of their intent to withdraw. Non-attendance does not constitute withdrawal notification. The last date of

attendance is used to determine financial aid award adjustments and calculate refunds for mid-semester withdrawals as per the Refund Policy. When Official Notification is not provided by the student, the date the university determines the student needs to be withdrawn is used as the notification date.

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Refunds and Return of Financial Aid for University Withdrawals

Federal Financial Aid

Graceland University follows the Federal Return of Title IV Aid Refund Policy to determine return of federal financial aid. Calculations use the notification date to pro-rate federal aid through the 60 percent point in the semester, based on calendar days from the first day of the semester through the last scheduled day of the semester, including weekends and mid-semester breaks of less than five days. After the 60 percent point in the semester, federal financial aid will not be reduced for any withdrawal, nor will any refund will be granted.

Tuition and Eligible Fees

Tuition and eligible fees due or paid will be refunded according to the following institutional schedule based on the student's date of withdrawal. Some fees are non-refundable.

- 100% refund if withdrawal occurs by 5:00 p.m. on Friday of the first week of the semester
- 75% refund if withdrawal occurs by 5:00 p.m. on Friday of the second week of the semester
- 50% refund if withdrawal occurs by 5:00 p.m. on Friday of the third week of the semester
- 25% refund if withdrawal occurs by 5:00 p.m. on Friday of the fourth week of the semester
- No refund if withdrawal occurs after the end of the fourth week of the semester

Housing and Meal Plans

No refunds will be issued if a student withdrawals from the University or from university housing but not from the University after the third week of classes unless required by law or expressly stated in writing by the University.

Institutional Financial Aid

Institutional Financial aid awarded (if any) will follow institutional schedule for pro-rated Tuition and Eligible Fees. Outside scholarship or non-federal loan assistance will not be returned unless specifically requested by the provider.

This policy applies to all university withdrawals whether student initiated or administrative withdrawals.

Students should note that withdrawals may or may not result in an actual refund of money to the student. Circumstances may occur in which the student still owes money to the University even after appropriate withdrawal credit.

Contact Student Financial Services with specific questions.

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Course Withdrawals

Graceland University students may withdraw from a course through the 13 percent point of the semester without a "WD" grade. A grade of "WD" is recorded in any course when the student withdraws after the 13 percent point and through the 60 percent point of the semester. After 60 percent of the semester is complete, the student is not allowed to withdraw from the course, and will be awarded the appropriate grade in the course. Please refer to the Class Attendance Policy regarding Course Withdrawal by Instructor and Administrative Withdrawals.

Course withdrawals must be initiated by students. Non-attendance does not constitute withdrawal notification. Notification dates are used to calculate withdrawal credit and financial aid award adjustments for mid-semester withdrawals as per the Refund Policy. When Official Notification is not provided by the student, the date the university determines the student needs to be withdrawn is used as the notification date.

Students should contact the administration assistant for their program or the Assistant Director of Operations or the Registrar's Office with specific questions.

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Refunds and Return of Financial Aid for Course Withdrawals

Financial aid awards will be re-evaluated as appropriate for course withdrawals or changes in enrollment status. Refunds for course withdrawals will follow the pro rata schedule used for university withdrawals as per the Refund Policy.

Contact Student Financial Services with specific questions.

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Return of Institutional Deposit

Enrolled Students

Lamoni students must have completed withdrawal and checkout procedures. Once any outstanding charges have been applied, any remaining credit balance will be mailed to the students after the completion of the term.

Deposits for Independence and DPT students are applied to the student account as payment and applied to the next session's tuition. These deposits are not refunded.

Non-enrolling Students

The deposit is refundable until May 1st for new or re-entry students entering fall semester, and November 1st for new or re-entry students entering spring semester.

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Faculty and Administration



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Board of Trustees

Michael R. Wiley, PhD, Chair (2027), Blue Springs, MO

Stephanie Winters McConnell, MS, Vice Chair (2027), Overland Park, KS

Jay Cook, MBA, Treasurer (2027), Henrico, VA

Jim Lysinger, MBA, Secretary (2029), Scottsdale, AZ

Mary Fry, PhD, (2029), Greenwood, MO

Ronald D. (Ron) Harmon Jr., MAR, (2027), Independence, MO

Gwendolyn Hawks-Blue, (2029), Kansas City, MO

Emily Hughes, JD, (2028), Iowa City, IA

Vincent E. Lewis, EdD, (2029), West Des Moines, IA

Brett Long, MHA, (2029), Excelsior, MN

Chelsea McClain-Pierce, JD, (2029), Independence, MO

Aleksander (Aleks) Memca, (2027), San Diego, CA

Randall E. Pratt, JD, (2028), Lees Summit, MO

Melissa Sherer, MBA, (2027), New York, NY

Noel Sherer, MS, (2028), Woodbine, IA

John R. Whitehurst, (2027), Goleta, CA

(Terms expire at midnight the day before the summer meeting of the year indicated.)

Executive Council

Joel D. Shrock, PhD, President

Talia Brown, MEd, Chief Information and Data Officer

Jared Doty, MBA, Interim Vice President for Student Life and Dean of Students

Jill M. Fort, PhD, Vice President for Academic Affairs and Dean of Faculty

Kristi Hettrick, BA, Vice President for Institutional Advancement and Admissions

Beth Higdon, MA, Executive Director for Planning and Effectiveness

Jennifer Matney, MA, Vice President for Business and Finance, and Chief Financial Officer

Brady McKillip, MS, Athletic Director

Jodi L. Seymour, Executive Assistant to the President and Assistant Secretary to the Board of Trustees

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Office of the President

Joel D. Shrock, PhD, President

Jodi L. Seymour, Executive Assistant to the President and Assistant Secretary to the Board of Trustees

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Academic Affairs

Jill M. Fort, PhD, Vice President for Academic Affairs and Dean of Faculty

Paul Binnicker, MBA, Director, Center for Graduate and Continuing Studies

Kevin Brunner, PhD, Director, Ackerley Computer Science and Technology Scholars Program

Kathleen 'Paco' Cadman, PhD, Associate Dean of Nursing, Lamoni Nursing Program

Gabriel Chrisman, MLIS, Director, University Libraries

Tanya Coffelt, EdD, Chair, Gleazer School of Education

Robert Davidson, PhD, Director, Master of Science in Nutrition and Human Performance Program

Jared Doty, MBA, Director, Center for the Study of Free Enterprise and Entrepreneurship; Director of Esports

James Geiselman, DC, Chair, Division of Sciences, Math, and Technology

Zac Harmon-McLaughlin, DMin, Dean, Community of Christ Seminary, Assistant Vice President for Academic Affairs

Elise Hector, PhD, Associate Dean, Undergraduate School of Nursing

Nancy King, PhD, Director, Life and Leadership Program

Kimberly Manuel, MFA, Chair, Division of Humanities and Visual and Performing Arts

LaVerne Manos, PhD, Dean, School of Nursing

Madison Martin, MFA, Administrative Assistant to the Vice President for Academic Affairs and Dean of Faculty

Jeffery McElroy, EdD, Chair, C.H. Sandage School of Business and Division of Social Sciences

Peggy Mothershead, BA, Registrar

Leigh Murray, PhD, Director, Doctor of Physical Therapy Program

Julie Neas, MEd, Director, TRIO Programs, TRIO Talent Search, TRIO Student Support Services

James Redmond, PhD, Academic Accessibility Coordinator, Director of Academic Support Labs and Tutoring

Brian J. White, PhD, Director, Honors Program

Jeanna Wilcox, PhD, Associate Dean, Graduate School of Nursing

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Athletics

Brady McKillip, MS, Athletic Director

Mari Chandler, Athletic Operations

Erin Lundy, MS, Senior Women's Administrator and Director of Sports Medicine

Stewart L. McDole, ReD, Associate Athletic Director and Head Women's Volleyball Coach

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Business Services

Jennifer Matney, MA, Vice President for Business and Finance

Sherri Brenizer, BS, Senior Financial Analyst

Kayla M. Brown, BA, Director of Accounting Services

Talia Brown, MEd, Chief Information and Data Officer

Shelly A. Ferguson, BS, Chief Human Resources Officer

Kevin Rushing, MA, Director of Facilities Operations and Risk Management

Stephanie Shields, AA, Institutional Research and Reporting Coordinator

Institutional Advancement and Admissions

Kristi Hettrick, BA, Vice President for Institutional Advancement and Admissions

Advancement

Paula Anderson, MBA, Senior Director for Advancement Services

Rick Isham, MBA, Senior Director for Principal Gifts

Ashly Green, BA, Executive Assistant to the Vice President

Ginelle Sakima Roberts, DDS MS, Senior Director for Major Gifts

TBD, Associate Director for Annual Giving and Campaign Relations

Heather Porter, BA, Special Events Coordinator

Jeff Morgan, BA, Director of Development

Kelly K. Shrock, CFRE, Director of Development

Admissions

Zack Mullins, MA, Executive Director for Admissions

Barbie Bell, BA, Director of Graduate and Adult Admissions

Reta George, BA, Director of Student Financial Services

Marketing

Steve Edwards, MS, Executive Director of Marketing

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Institutional Effectiveness

Beth Higdon, MA, Executive Director for Planning and Effectiveness

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Student Life

Jared Doty, MBA, interim Vice President for Student Life and Dean of Students

Jolene Frost, BA, Administrative Assistant to Vice President, Disability Services Coordinator (Housing and ESA)

Cadence Sires, GSG President

Doug Roberts, MA, MARST, Campus Ministries Director

Brenda Adams, Campus Help Desk Coordinator

Caleb LaMastres, Area Coordinator

Logan Miller, Area Coordinator

Patricia A. Hoffman, Student Support Specialist

Diana J. Jones, BA, DSO, Director of Intercultural Office

Catherine Craig, M.Ed., ACRW, CCMC, CPRW, Director of the Skillpath Professional Development and Career Readiness Center

Eddie Baxter, MSW, LISW, Personal Counselor

Michael Schnitger, General Manager, Sodexo Food Services

Tabitha Baker, Chef, Sodexo Food Services

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Administrators/Professionals with Faculty Status 2026-27

Year in parentheses designates date of appointment.

Gabriel Chrisman (2023), Director, University Libraries
BA, MLIS, University of Washington

Christopher Doering (2024), Independence Site Director, Gleazer School of Education
BS, Northwest Missouri State University; BS, Park University; MEd, William Woods University

Jill M. Fort (2025), Vice President of Academic Affairs and Dean of Faculty
BS, Wichita State University; MA, Wichita State University; MBA, Newman University; PhD, University of Nebraska – Omaha

Zac Harmon-McLaughlin (2019), Dean of the Community of Christ Seminary, Assistant Vice President for Academic Affairs
BA, MAR, Graceland University; DMin, San Francisco Theological Seminary

Peggy Mothershead (2019), Registrar
BA, Graceland University

James Redmond (2023), Academic Accessibility Coordinator, Director of Academic Support Labs and Tutoring
BA, Western Michigan University; MFA, University of Michigan; PhD, University of North Texas

Joel D. Shrock (2022), President
BS, MA, Ball State University; PhD, Miami University

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Full-time Faculty 2026-27

Year in parentheses designates date of appointment.

Ozioma Akauru (2026), Assistant Professor of Chemistry
BS, Imo State University; MS, University of Benin; PhD, University of Chinese Academic of Sciences

Justin Akers (2025), Assistant Professor of Agricultural Business
BS, MS, Iowa State University; MBA Northwest Missouri State University

Reem Bedier (2025), Associate Professor of Accounting
BS, MS, PhD, Cairo University

Wendy Berdych (2022), Assistant Professor of Nursing
BSN, University of Missouri-Kansas City; MSN, Walden University

Robert Buszek (2025), Assistant Professor of Chemistry
BA, Albion College; PhD, Purdue University

Samantha Byrnes (2019), Associate Professor of Nursing
BSN, University of Missouri; MSN, University of Central Missouri, DNP, Graceland University

Anthony Chvala-Smith (2015), Associate Professor of Religion
BA, Central Michigan University; PhD, Marquette University

Tanya Coffelt (2006), Professor of Education
BS, Iowa State University; MA, Ed Specialist, University of Missouri – Kansas City; EdD, Drake University

Allison Dudley (2009), Professor of Education
BSE, MA, Truman State University; EdD, University of Missouri-Columbia

Eric Elliott (2021), Instructor of History
BA, Graceland University; MA, Southeast Missouri State University

Ioseb (Soso) Gabelaia (2022), Associate Professor of Business
BA, International Black Sea University; BA, MEd, Graceland University; PhD, International Black Sea University; EdD, Drake University

Aquila Galusha (2025), Assistant Professor of Computer Science
BS, Graceland University; ME, University of Missouri-Columbia

James Geiselman (2017), Associate Professor of Allied Health
BS, Illinois College; BS, MS, DC, Logan University

Karen Gergely (2015), Associate Professor of Art
BFA, Shepherd University; MFA, University of Cincinnati

Arup Ghosh (2023), Assistant Professor of Computer Science
BT, West Bengal University of Technology; MS, University of Trento; PhD, Ajou University

Steven A. Glazer (1996), Professor of History
BA, Union College; MA, PhD, Georgetown University

Natasha Gourley (2025), Instructor of Health and Movement Sciences
BS, Iowa State University; MS, Fresno Pacific University

Austin Harrington (2023), Assistant Professor of Humanities
BA, Grand View University; MFA, Lesley University; PhD, Iowa State University

Elise Hector (2018), Associate Professor of Nursing
BSN, MSN, Missouri Western State University; PhD, University of Kansas

Shawnna Jackson (2018), Assistant Professor of Nursing
BSN, Graceland University; MSN, University of Missouri; DNP, Graceland University

Stephanie Jacques (2023), Assistant Professor of Nursing
BSN, Chamberlain College of Nursing; MSN, University of Central Missouri

Machel Kazungu (2023), Assistant Professor of Graphic Design
BFA, Memphis College of Art; MFA, University of Memphis

Evan Kennedy (2021), Associate Professor of Psychology
BS, MS, PhD, University of Alabama

Sehwan Kim (2022), Assistant Professor of Sport Management
BA, Kyung-Sung University; M.Ed., PhD-ABD, University of Georgia

Nancy King (2022), Professor of Psychology
BS, Central Missouri State University; MS, PhD, University of Kansas

Alexia Lairson (2025), Assistant Clinical Professor of Physical Therapy
BA, Youngstown State University; DPT, Walsh University; PhD, Youngstown State University

Kimberly Manuel (2018), Assistant Professor of Theatre and Scene Design
BA, Graceland University; MFA, California Institute of the Arts

Melanie Mason (2020), Associate Professor of Health and Movement Science
BA, Northwestern College; MS, Kansas State University; DAT, Temple University

Stewart L. McDole (1982), Professor of Health, Physical Education and Recreation
BA, Graceland College; MS, ReD, Indiana University-Bloomington

Jeffery McElroy (2008), Professor of Business Administration
BA, Graceland University, MBA, EdD, Drake University

Jake McGinnis (2023), Assistant Professor of Humanities
BA, Northland College; MA, University of Idaho; PhD, University of Notre Dame

La'Chelle Moore (2025), Assistant Clinical Professor of Nursing
BS, University of Central Missouri; MSN, DNP, Maryville University

Layne Nowlin (2023), Assistant Professor of Health and Movement Science
BA, Graceland University; MS, University of Wisconsin La Crosse

Cara Phipps (2023), Assistant Professor of Theatre
BA, University of Portland; MFA, The University of Texas at Austin

Shaen Polasky (2023), Assistant Professor of Education
BA, Simpson College; MS, Walden University; EdD-ABD, Drake University

Jennifer L. Poulton (2001), Professor of Biology
BA, Wittenberg University; PhD, Pennsylvania State University

Robert A. Poulton (2003), Professor of Economics
BA, Wittenberg University; PhD, Pennsylvania State University

Sirajum Sarwar (2025), Assistant Professor of Finance
MBA, University of Dhaka, Bangladesh; PhD, Bayes Business School

Matt Schneider (2022), Assistant Professor of Criminal Justice
BS, MS, Lindenwood University

Amy Sellars (2026), Assistant Professor of Education
BA, Graceland University; MA, Webster University; MS, Buena Vista University

Iqra Shagufta Cheema (2023), Assistant Professor of Humanities
BA, University of Central Punjab; MA, MPhil, Government College University; PhD, University of North Texas

Mary Shawgo (2011), Professor of Biology
BS, Northern Michigan University; PhD, Kansas University Medical Center

Jenna Seagraves (2024), Assistant Clinical Professor of DPT
BS, University of Texas; MS, University of Delaware; PhD, Liberty University

Jeri A. Sindt (2009), Professor of Nursing
BSN, Graceland University; MSN, Research College of Nursing-Kansas City

Jason Smith (2012), Professor of Mathematics
BA, University of Minnesota; MS, University of North Dakota; PhD, Iowa State University

Barbara A. Voshall (1999), Professor of Nursing
BS, Graceland College; MN, University of Kansas/Lawrence; DNP, Oakland University

Yong Wang (2022), Assistant Professor of Sport Management
BA, Sun Yat-sen University (Guangzhou, China); MEd, Springfield College; PhD, University of New Mexico

Brian J. White (2004), Professor of English
BA, Graceland University; MS, Utah State University; PhD, University of North Dakota

Mallory Willeke (2024), Assistant Professor of Nursing
BS, Rockhurst University; MSN, Western Governors University

Leigh Wyman (2025), Assistant Professor of Music and Director of Choirs
BM, Manhattan School of Music; MM University of Washington; DMA, University of Missouri-Kansas Conservatory

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Faculty Emeriti

Steven L. Anders (1978-2023)/Economics
BA, Graceland University; MA, PhD, Kansas State University

Catherine M. Anthony (1971-1991)/Nursing
BSN, University of Kansas; MSN, The Catholic University of America

William L. Armstrong (1991-2010)/Education
BA, Graceland College; MA, University of West Florida; EdD, University of Kansas

Paul M. Beck (1992-2018)/Economics
BA, DePauw University; MA, University of Missouri-Kansas City; PhD, University of Missouri-Columbia

Howard J. Booth (1969-2000)/Religion
BA, Graceland College; MA, University of Missouri-Kansas City; PhD, University of Iowa

Kevin D. Brunner (1998 – 2025)/ Computer Science
BS, Nova Southeastern University; MS, Nova Southeastern University; PhD, Nova Southeastern University

Richard I. Clothier (1960-77;1980-2000)/Music
BA, Pittsburg State University; MA, University of Iowa; EdD, University of Northern Colorado

Jerome D. DeNuccio (1987-2012)/English
BS, MST, University of Wisconsin-Stevens Point; MA, PhD, University of Minnesota

David C. Devonis (1997-2021)/Psychology
BA, Temple University; MA, PhD, University of New Hampshire

Michele Dickey-Kotz (2000-2023)/Education
BA, MA, University of Northern Iowa; EdD, University of Missouri-Columbia

Jack R. Ergo (2002 – 2025)/ Music
BM, Peabody Institute of the John Hopkins University; MM, Peabody Institute of the John Hopkins University

Teri Foster (2005-2021)/Biology
BA, BS, PharmD, University of Kansas

Tom S. Freeman (1960-1997)/Psychology and Education
BSEd, Northwest Missouri State University; MS, Colorado State University; EdD, University of Northern Colorado

Carolyn J. Green (2006-2018)/Nursing
BSN, MN, PhD, University of Kansas

Nancy Halferty (1997-2017)/Education
BA, University of Missouri; MEd, Truman University; EdD, Nova Southeastern

Gerald E. Hampton (1960-2010)/Physical Education
BS, William Jewell College; MS, Northwest Missouri State University; EdD, Columbia University Teachers College

Thomas J. Hart (1986-2010)/Music
BA, Olivet College; MM, DMA, Michigan State University

Barbara Hiles Mesle (1987-2016)/English
BA, Graceland College; MA, University of Chicago; PhD, University of Kansas

Claudia D. Horton (1994-2018)/Nursing
BSN, Graceland College; MSN, University of Missouri; PhD, University of Missouri-Kansas City

Lin Howell (2007-2018)/Nursing
BS, MSN, Webster University

James S. Jones (1983, 2002-2014)/Computer Science
BS, University of Missouri-Rolla; MA, DePaul University; PhD, University of Iowa

William E. Juhnke (1974-2009)/History
BA, Bethel College; PhD, University of Kansas

Cristina S. Karmas (1999-2019)/English
BA, University of Nevada; MA, PhD, Ohio State University

Sharon M. Kirkpatrick (1980-2010)/Nursing
BSN, California State University; MN, PhD, University of Kansas

Deborah Nalani Leialoha (2001-2020)/Education
BS, Southern Illinois University; MAT, Webster University; PhD, University of Missouri-Kansas City

Shelly Leialoha-Hartsack (2004-2020)/Education
BS, Northwest Missouri State University; MEd, Graceland University; PhD, Walden University

Dennis McElroy (2000-2020)/Education
BS, MS, PhD, Iowa State University

Bradley D. Mercer (2003-2019)/Chemistry
BS, Graceland College; PhD, Texas Christian University

C. Robert Mesle (1980-2016)/Philosophy
BA, Graceland College; MA, University of Chicago Divinity School; PhD, Northwestern University and Garrett-Evangelical Theological Seminary

Stephen K. Murdock (1984-2012)/Mathematics
BA, Graceland College; MA, Northwest Missouri State University; PhD, University of Iowa

William H. Norman (1984-2010)/Sociology
BA, MA, University of Northern Iowa; PhD, University of Iowa

Phyllis O'Daniels (1987-2010)/Education/Physical Education
BA, Graceland College; MS, HSD, Indiana University

Brenda S. Parkes (1978-1998)/Nursing
BSN, MPH, University of Michigan; PhD, University of Texas-Austin

Max Pitt (1999-2023)/Business
BS, Graceland University; MBA, University of Texas

Dan V. Pratt (1999 – 2025)/ Chemistry
BS, Graceland College; MS, University of Washington; PhD, University of Washington

Jan Rice (2007-2018)/Nursing
BSN, Avila College; MSN-ACNS, University of Missouri-Kansas City; PhD, University of Kansas

William D. Russell (1966-2007)/Political Science and History
BA, Graceland College; MDiv, St. Paul School of Theology; JD, University of Iowa

Brian C. Smith (1999-2020)/Psychology
BA, Rice University; JD, University of Texas-Austin; PhD, University of Minnesota

Ronald K. Smith (1978-2017)/Mathematics
BA, Graceland College; MS, PhD, Iowa State University

Thelma Sword (2002-2018)/Nursing
BSN, Graceland College; MSN, Drake University; EdD, University of Phoenix

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Courses of Instruction



Accounting

Courses Offered

ACCT2000 Individual Study

ACCT2310 Financial Accounting

ACCT2320 Managerial Accounting

ACCT3000 Individual Study

ACCT3210 Financial Statement Reporting and Analysis

ACCT3220 Agricultural Accounting and Taxation

ACCT3310 Tax Accounting

ACCT3360 Intermediate Accounting I

ACCT3400 Cost Accounting for Managerial Control and Strategic Planning

ACCT3460 Intermediate Accounting II

ACCT3560 Accounting Information Systems

ACCT3560 Accounting Information Systems

ACCT3900 Topics in Accounting

ACCT4000 Individual Study

ACCT4100 Auditing Concepts and Applications – A Risk Analysis Approach

ACCT4120 Internship in Accounting

Course Descriptions

ACCT2000 Individual Study - 1-3 s.h.

Individual study programs are self-directed learning experiences designed and carried out by the student with minimal assistance from others. Programs may be proposed for 1-3 s.h. credit as a means of meeting the student's specific educational objectives beyond the regular course offerings.

ACCT2310 Financial Accounting - 3 s.h.

An introduction to the study of accounting dealing with the preparation and analysis of the balance sheet, income statement, and related accounting records. Prerequisites: One MATH course.

ACCT2320 Managerial Accounting - 3 s.h.

The selection and analysis of accounting information for internal use by management. Prerequisite: ACCT2310.

ACCT3000 Individual Study - 1-3 s.h.

Individual study programs are self-directed learning experiences designed and carried out by the student with minimal assistance from others. Programs may be proposed for

1-3 s.h. credit as a means of meeting the student's specific educational objectives beyond the regular course offerings.

ACCT3210 Financial Statement Reporting and Analysis - 3 s.h.

The financial theory and application in financial statement analysis from the perspective of financial statement users. Students will learn to interpret and analyze financial statements for tasks such as credit and security analyses, lending and investment decisions, and other managerial decisions that rely on financial data. Prerequisite: ACCT2310.

ACCT3220 Agricultural Accounting and Taxation - 3 s.h.

Exposure to accounting methods and taxation policies specific to agricultural producers and businesses. Prerequisite: ACCT2310 Financial Accounting.

ACCT3310 Tax Accounting - 3 s.h.

A study of federal income tax provisions relating to individuals, corporations, and partnerships.

ACCT3360 Intermediate Accounting I - 3 s.h.

Accounting theory and practice applicable to determination of asset values and related problems of income determination. Prerequisites: ACCT2320.

ACCT3400 Cost Accounting for Managerial Control and Strategic Planning - 3 s.h.

Development of cost accumulation and reporting systems for a firm's strategy and structure with an emphasis on integrating cost information into the firms strategic plan. Prerequisite: ACCT2320 and MATH1370. +This course is only offered every other year.

ACCT3460 Intermediate Accounting II - 3 s.h.

Accounting theory and practice applicable to liabilities and owner’s equity, special problem areas related to income determination and financial reporting, and international transactions. Prerequisite: ACCT3360.

ACCT3560 Accounting Information Systems - 3 s.h.

This course introduces students to the design, implementation, and control of accounting information systems. Emphasis is placed on how accounting data is captured, processed, and reported using modern technology and internal control frameworks. Topics include systems documentation, database management, data analytics, cybersecurity, internal controls, and the integration of enterprise resource planning (ERP)

systems. Students will gain hands-on experience using accounting software and learn how technology supports financial reporting, auditing, and managerial decision-making.

ACCT3560 Accounting Information Systems - 3 s.h.
This course introduces students to the design, implementation, and control of accounting information systems. Emphasis is placed on how accounting data is captured, processed, and reported using modern technology and internal control frameworks. Topics include systems documentation, database management, data analytics, cybersecurity, internal controls, and the integration of enterprise resource planning (ERP) systems. Students will gain hands-on experience using accounting software and learn how technology supports financial reporting, auditing, and managerial decision-making.

ACCT3900 Topics in Accounting - 1-3 s.h.
Study of selected topics from areas in accounting such as governmental accounting and advanced tax. Topics are announced prior to each semester they are offered. May be repeated for credit when the topics vary.

ACCT4000 Individual Study - 1-3 s.h.
Individual study programs are self-directed learning experiences designed and carried out by the student with minimal assistance from others. Programs may be proposed for 1-3 s.h. credit as a means of meeting the student's specific educational objectives beyond the regular course offerings.

ACCT4100 Auditing Concepts and Applications – A Risk Analysis Approach - 3 s.h.
An introduction to the study of auditing principles and standards. Provides a working knowledge of auditing procedures. Prerequisite: ACCT3360.

ACCT4120 Internship in Accounting - 1-3 s.h.
An internship that allows students to work with accountants. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. Prerequisite: Instructor's consent. (Graded on a Pass/Fail basis).

Agricultural Business

Courses Offered

AGRI1200 Sustainable International Agriculture

AGRI2100 Agricultural Management and Markets

AGRI2300 Global Innovation in Crop Production and Soil Management

AGRI3100 Agricultural Finance and Resource Allocation

AGRI3900 Topics in Agricultural Business

AGRI4700 Agricultural Business Practicum

AGRI4710 Internship in Agricultural Business

Course Descriptions

AGRI1200 Sustainable International Agriculture - 3 s.h.

Sustainable International Agriculture explores global issues, incremental and transformative steps toward sustainable agriculture, international development opportunities, current agricultural industries, educational pathways, and career options. Content includes emphasis on understanding the need for agricultural infrastructure and production, embracing sustainability, and appreciating broad-based, liberating (essential) education. ELO4 Global Learning - Sustainability

AGRI2100 Agricultural Management and Markets - 3 s.h.

Overview of agricultural management and markets including exposure to management of commodity/livestock production, product differentiation/promotion, pricing issues, and distribution opportunities/challenges. Prerequisite: ECON1320 Microeconomics.

AGRI2300 Global Innovation in Crop Production and Soil Management - 3 s.h.

An analytical course in agronomy applying multiple perspectives in studying crops, soils, and environmental sciences to understand the interconnectedness of agricultural systems in global communities. Includes questioning the sources of assumptions about and the strengths/weaknesses of past innovations of production and management. Recognizes the soil and crops as the sources of food, fiber, and fuel and emphasizes the need for diverse innovation in varied ecosystems to improve global conditions. ELO4 Global Learning - Innovation +This course is only offered every other year.

AGRI3100 Agricultural Finance and Resource Allocation - 3 s.h.

Application of economics and financial resource allocation to agricultural businesses from producer to distributor to the end consumer. Content includes equity and credit practices for operations and for capital investments. Prerequisite: ECON1320 Microeconomics.

AGRI3900 Topics in Agricultural Business - 1-3 s.h.
Selected topics in agricultural business as determined by student interest and instructor expertise. Topics will be announced prior to each semester they are offered. Course may be repeated for credit when the topics vary.

AGRI4700 Agricultural Business Practicum - 3 s.h.
A capstone experience for students to apply their skills and education in agricultural business in a practicum setting (preferably in the type of business in which they gain future employment) and present their experience and education in a seminar with other students.

AGRI4710 Internship in Agricultural Business - 1-3 s.h.
Internship with professionals who are in agricultural business. The student takes an active role in identifying and arranging for a field sponsor. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

Art

Courses Offered

ARTS1210 Making and Meaning

ARTS1220 Surface, Space, and Time

ARTS1230 Drawing

ARTS1680 Graphic Design 1

ARTS1710 Graphic Design 2

ARTS1900 Topics in Art

ARTS2000 Individual Study

ARTS2240 Art for Social Change

ARTS2250 Painting

ARTS2330 Art History: Innovation and Politics

ARTS2900 Topics in Art

ARTS3000 Individual Study

ARTS3110 Art History: Activism, Empathy and Justice

ARTS3200 Printmaking

ARTS3220 Photography

ARTS3240 Eco Art & Ceramics

ARTS3280 Sculpture and New Genres

ARTS3300 Art for the Elementary Schools

ARTS3620 Introduction to Animation and Motion Graphics

ARTS3630 Graphic Design 3

ARTS3640 UX and UI Fundamentals

ARTS3840 Interdisciplinary Studio

ARTS3900 Topics in Art

ARTS4350 Art for the Secondary School

ARTS4450 Graphic Design Internship

ARTS4700 Senior Exhibition

Course Descriptions

ARTS1210 Making and Meaning - 3 s.h.

Students will explore a variety of techniques and concepts that focus on the generation, development, and communication of new ideas through exploration of the principles and elements of design in relation two-dimensional design and color theory. This course explores the relationship of material, method, and process in the construction of meaning in art. Students experiment with interdisciplinary research methods to generate projects reflecting current topics of interest. Studio fee required. ELO5 Arts - Innovation

ARTS1220 Surface, Space, and Time - 3 s.h.

Introduction to surface, space, and time as an artistic medium. Lectures, readings, demonstrations, and hands-on projects help students identify and understand surface, space, and

time-based principles in art and design. Emphasis will be places on three-dimensional and four-dimensional narrative and visual storytelling practices. Studio Fee required. ELO5 Arts - Innovation

ARTS1230 Drawing - 3 s.h.
This introductory course considers drawing as a form of communication and a sustaining practice. Various drawing materials, observation, memory training, and composition are stressed to give the student a wide experience and solid base in the art, skill, and history of drawing. Contemporary and non-traditional drawing methods will be explored. Studio fee required. ELO5 Arts - Sustainability

ARTS1680 Graphic Design 1 - 3 s.h.
A technical course exploring the digital tools used in the graphic design industry. Students are exposed to the function, theory, and use of industry-standard computer hardware, software, and basic digital design principles utilized in the production of graphic design.

ARTS1710 Graphic Design 2 - 3 s.h.
Covers basic principles of typography, such as type anatomy, type fonts and families, communication with typography and an introduction to layout and grid structures. Typography as medium and message and conceptual solutions are emphasized. Additional fee required. Prerequisite: ARTS1680 Computer Graphic Design 1.

ARTS1900 Topics in Art - 1-3 s.h.
Special topics in art. May be repeated for credit as topics vary. Content and semester hours will vary. Prerequisites may apply. Additional fee may be required.

ARTS2000 Individual Study - 1-3 s.h.

ARTS2240 Art for Social Change - 3 s.h.
This course aims to create social and political change through collaboration with individuals, communities, and institutions through the creation of participatory art. This discipline often values process over final product and become lifelong pursuits. Some examples include artistic activism, community-based art, creative placemaking, cultural organizing, performance, participatory art, social engagement, and social sculpture. No prior art experience necessary. ELO5 Arts - World Citizenship, ELO5 Arts - Equality and Peace

ARTS2250 Painting - 3 s.h.

This course serves as an introduction to the materials, philosophies, techniques, and processes of painting. Students will work with acrylic paint and mediums and approach the creative experience of painting through the study of subject matter, form, and content. Color theory, sketching, and different painting techniques and styles will be emphasized. An emphasis on interdisciplinary and contemporary approaches will be stressed. Studio Fee required.

ARTS2330 Art History: Innovation and Politics - 3 s.h.

Theme-based art history course exploring topics such as innovation, power, politics, architecture, entertainment, sacred spaces, sustainability, and eco art throughout art history to the present. ELO5 Arts - Innovation, GE3A Liberal Learning-Arts.

ARTS2900 Topics in Art - 1-3 s.h.

Special topics in art. May be repeated for credit as topics vary. Content and semester hours will vary. Prerequisites may apply. Additional fee required.

ARTS3000 Individual Study - 1-3 s.h.

ARTS3110 Art History: Activism, Empathy and Justice - 3 s.h.

Theme-based art history course that explores topics such as activism, empathy, justice, disability, mental illness, feminism, sexuality, queer art, social and civic engagement, labor, and race throughout art history to the present. ELO5 Arts - Equality, ELO5 Arts - Equality and Peace, GE3A Liberal Learning-Arts.

ARTS3200 Printmaking - 3 s.h.

This introductory printmaking making course introduces students to non-toxic printmaking techniques including relief printing, monotype, silkscreen, and other contemporary processes. The course explores how these traditional methods have been used as a means for informing, gathering, protesting, and celebration. Studio Fee required. ELO5 Arts - Innovation

ARTS3220 Photography - 3 s.h.

An exploration into visual story telling through digital photography, imaging, and editing. Course will focus on capturing high quality images to use in professional design work. Studio Fee required.

ARTS3240 Eco Art & Ceramics - 3 s.h.

Contemporary and traditional approaches to clay with emphasis on wheel-throwing and hand-building techniques. Exploration of sustainable production practices will also

address surface decoration and responsible firing processes. Studio fee required. ELO5 Arts - Sustainability

ARTS3280 Sculpture and New Genres - 3 s.h.
In this course students explore basic methods of creating physical objects. Develops the integration of sculptural concept and practice, and the critical analysis of completed sculpture through a series of projects that investigate sculptural processes and issues. Lectures on directions in sculpture, technical demonstrations, and group critiques are scheduled. Studio fee required.

ARTS3300 Art for the Elementary Schools - 3 s.h.
Development of knowledge and skills to plan, organize, and facilitate meaningful art curricula for elementary art students, with attention to lesson preparation, child artistic development, material discovery and integration with other subjects. Additional fee required. Prerequisite: admittance into Teacher Education, unless part of an approved Liberal Studies Program, junior standing. +This course is only offered every other year.

ARTS3620 Introduction to Animation and Motion Graphics - 3 s.h.
Exploration into motion graphics and visual story telling with an emphasis in concept art, blending digital and traditional technology. Additional fee required. Prerequisites: ARTS1210, ARTS1680 and ARTS1710.

ARTS3630 Graphic Design 3 - 3 s.h.
Study of the integration of type and image through multi-level designs, such as multi page layouts, and identity systems. Additional fee required. Prerequisite: ARTS1680 and ARTS1710.

ARTS3640 UX and UI Fundamentals - 3 s.h.
Introduction into the principles of interactivity through interface, web, and information design. Additional fee required. Prerequisite: ARTS1210, ARTS1680 and ARTS1710.

ARTS3840 Interdisciplinary Studio - 3 s.h.
Focuses on generating interdisciplinary theories, practices and works within a studio-based format. The course allows for collaborative learning opportunities for students working in different disciplines to approach themes and develop personal bodies of work. May be repeated for credit. Prerequisite: Any lower-level studio art course.

ARTS3900 Topics in Art - 1-3 s.h.
Study of topics in studio art or commercial design. May be repeated for credit as topics vary. Content and semester hours will vary. Additional studio fee may be required. Prerequisites

may apply.

ARTS4350 Art for the Secondary School - 3 s.h.
Development of knowledge and skills to plan, organize, and facilitate meaningful art curricula for secondary art students with attention to lesson preparation and material discovery. Additional fee required. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program. +This course is only offered every other year.

ARTS4450 Graphic Design Internship - 3 s.h.
Advanced work intended for graphic design experiences in a real world environment. The majority of graphic design internships will occur off-campus in organizations such as advertising agencies, commercial art studios, commercial printing art departments, corporate in-house art departments or any site deemed appropriate by the instructor. Some internships may be available on campus in the CMC. Repeatable once for credit. (Graded on a Pass/Fail basis.) Prerequisite: At least two courses from the Graphic Design offerings.

ARTS4700 Senior Exhibition - 3 s.h.
A required senior- level course where students identify and critically reflect on a theme that intersects with their own studio practice, or discipline. This course supplements preparations for the capstone exhibition through the analysis of area exhibitions, providing hands-on experience in the mechanics of exhibition production. Portfolio development and professional practices will be emphasized. Permission from instructor required.

Athletic Training

Courses Offered

ATHT2500 Medical Terminology

ATHT3100 Prevention and Care of Athletic Injuries

Course Descriptions

ATHT2500 Medical Terminology - 2 s.h.

A self-study, programmed-based opportunity to learn and understand medical terminology. A grade of C or higher required to count toward the Allied Health major.

ATHT3100 Prevention and Care of Athletic Injuries - 3 s.h.
Techniques of injury prevention and caring for athletic injuries. A grade of C or higher required to count toward the Allied Health major. Prerequisites: PHED1500 or BIOL2300 or BIOL3420

Biology

Courses Offered

BIOL1200 Environmental Science with Lab (also CHEM1200)

BIOL1500 Biology I with Lab

BIOL1520 Biology II with Lab

BIOL2000 Individual Study

BIOL2100 Cell Biology and Genetics with Lab

BIOL2300 Anatomy and Physiology I with Lab (3-2)

BIOL2310 Anatomy and Physiology II (2-2)

BIOL2350 Introduction to Microbiology

BIOL2360 Microbiology with Lab

BIOL2580 Drug Development and Society with Lab

BIOL2900 Special Topics

BIOL3000 Individual Study

BIOL3120 Internship in Biological Sciences

BIOL3310 Molecular Genetics with Lab

BIOL3400 Ecology and Conservation Biology with Lab

BIOL3420 Human Anatomy with Lab

BIOL3430 Animal Biology with Lab

BIOL3440 Human Physiology with Lab

BIOL3450 Plant Biology with Lab

BIOL3900 Special Topics

BIOL4111 Capstone Research I

BIOL4120 Capstone Research II (also CHEM4120)

BIOL4130 Capstone Research III (also CHEM4130)

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310)

BIOL4311 Biochemistry II – Metabolism (also CHEM4311)

BIOL4400 Immunology

BIOL4420 Bioinformatics

BIOL4460 Cell and Cancer Biology

BIOL4900 Special Topics

Course Descriptions

BIOL1200 Environmental Science with Lab (also CHEM1200) - 4 s.h.

An exploration of the biotic and abiotic components of the environment, including the biological, physical, and chemical processes that shape natural ecosystems (e.g., biogeochemical cycles). The course will also examine the impact of human population growth, resource use, emissions production, and technological innovations on the environment. Current environmental issues, such as loss of biodiversity, ecosystem degradation, air and water pollution, and climate change, will be considered. Additional fee required. ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences

BIOL1500 Biology I with Lab - 4 s.h.

A study of the diversity of life (prokaryotes, protists, fungi, plants, and animals), focusing on the key characteristics of life, the evolutionary processes that shape life, and the ecological interactions among organisms and their physical environments. Includes a lab. Additional fee required.

BIOL1520 Biology II with Lab - 4 s.h.

A comparative study of form and function across organisms, focusing on the various structures and strategies used by plants and animals to fulfill basic life needs, levels of organization (cells, tissues, organs, and organ systems), and the chemical reactions of metabolism. Includes a lab. Additional fee required.

BIOL2000 Individual Study - 1-3 s.h.

BIOL2100 Cell Biology and Genetics with Lab - 4 s.h.

A study of the various patterns and mechanisms of heredity, changes in the genetic material and the consequences of these genetic changes. The course will also give an introduction to cellular structures, macromolecules, and processes, including DNA replication, transcription, translation and cellular signaling. Additional fee required. Prerequisite: CHEM1330, CHEM3410, or (CHEM1410 and CHEM1450). (C or better strongly recommended).

BIOL2300 Anatomy and Physiology I with Lab (3-2) - 4 s.h.

The study of structure and function of the human body. Topics will include: cells and homeostasis, muscles, bones, respiratory, nervous and cardiovascular. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) GE3D Liberal Learning-Natural Sciences

BIOL2310 Anatomy and Physiology II (2-2) - 3 s.h.

The study of structure and function of the human body. Topics will include: endocrine, digestive, excretory, reproductive, skin, lymphatic system, and blood. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.)

BIOL2350 Introduction to Microbiology - 4 s.h.

Students will learn about immunology, bacteriology, mycology, and virology. Emphasis will be placed on the cellular mechanisms and role of microbial pathogens (bacteria) and agents (viruses, prions) affecting human health and how they are treated. Credit is not allowed for this course and BIOL2360. Prerequisites: CHEM1330 or BIOL2100 or instructors consent or enrollment in the RN to BSN program.

BIOL2360 Microbiology with Lab - 4 s.h.

Students will learn about immunology, bacteriology, mycology, and virology. Emphasis will be placed on the cellular mechanism and role of microbial pathogens (bacteria) and

agents (viruses, prions) affecting human health and how they are treated. Additional fee required. Prerequisite: BIOL2100 or instructor's consent.

BIOL2580 Drug Development and Society with Lab - 4 s.h.

This course will offer students the experience of critically reviewing scientific questions using scientific method that applies to the discovery and development of medicines. The course will explore science of drug discovery, development, and federal regulation of drugs. Additional fee required. ELO6 Science - Innovation.

BIOL2900 Special Topics - 1-3 s.h.

Study of selected topics of general interest in biology, to be announced prior to the semester when the course is offered. May be repeated for credit as topics change.

BIOL3000 Individual Study - 1-3 s.h.

BIOL3120 Internship in Biological Sciences - 1-3 s.h.

Developed in conjunction with and approved by an appropriate faculty member in the Biological Sciences. This internship will be with professionals who are in career areas relating to majors in the department and may be pursued abroad. The student is responsible for arranging their internship. May be repeated for a maximum of 9 semester hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor’s consent.

BIOL3310 Molecular Genetics with Lab - 4 s.h.

A study of cellular processes involved in the Central Dogma: DNA replication, transcription and translation. The study will include how gene expression is regulated at various levels, such as at the transcription level and post-translational level. Lastly students will study and perform different molecular genetic techniques used in laboratories today: pipetting, DNA gel electrophoresis, PCR and DNA cloning. Additional fee required. Prerequisite: BIOL2100 (C or better strongly recommended). +This course is only offered every other year.

BIOL3400 Ecology and Conservation Biology with Lab - 4 s.h.

A study of how organisms interact with one another and with their physical environments at the physiological, population, community, and ecosystem levels. Case studies will use ecological concepts to develop conservation strategies for species, habitats, and ecosystems. Prerequisite: BIOL/CHEM1200, BIOL1500, BIOL1520 or instructor's consent.

Additional fee required. EL06 Science - World Citizenship, ELO6 Science - Sustainability +This course is only offered every other year.

BIOL3420 Human Anatomy with Lab - 4 s.h.

A study of gross human anatomy utilizing charts, three dimensional models, computer simulations, and dissection of mammalian animals. The course will discuss regional and surface anatomy to establish the relationships of the various organ systems of the body. Additional fee required. Prerequisites: BIOL2100 or PHED1500.

BIOL3430 Animal Biology with Lab - 4 s.h.

A survey of the major groups in the animal kingdom, including sponges, cnidarians, molluscs, arthropods, echinoderms, vertebrates, etc. Within each group, taxonomy, internal and external form, reproduction, nutrition, and habitat will be considered. Prerequisite: BIOL1500 or BIOL1520 or instructor's consent. +This course is only offered every other year.

BIOL3440 Human Physiology with Lab - 4 s.h.

A systems oriented study of the function of the human body on the cellular, tissue, organ, and organ-system levels with an emphasis on medical physiology. Laboratory includes computer simulations and use of Biopac equipment. Additional fee required. Prerequisites: BIOL3420 (grade of C or better strongly recommended) and one semester of chemistry or BIOL2100.

BIOL3450 Plant Biology with Lab - 4 s.h.

A survey of the major groups in the plant kingdom, including nonvascular plants, ferns and fern allies, gymnosperms, and angiosperms. Within each group, taxonomy, internal and external form, and reproductive life cycles will be considered. In addition, plant growth and metabolism, algae, and fungi will be covered. Prerequisite: BIOL1500 or BIOL1520 or instructor's consent. +This course is only offered every other year.

BIOL3900 Special Topics - 1-3 s.h.

BIOL4111 Capstone Research I - 1 s.h.

Course covers the basic elements of scientific research (e.g., performing literature searches, developing research questions, designing experiments, and giving scientific presentations). The student will develop a scientific question and then write a research proposal in cooperation with a faculty mentor to answer that question. Prerequisite: BIOL2100, junior standing or consent of instructor.

BIOL4120 Capstone Research II (also CHEM4120) - 1-2 s.h.

The student conducts scientific research based on the research proposal developed in BIOL/CHEM4111. Prerequisite: BIOL/CHEM4111.

BIOL4130 Capstone Research III (also CHEM4130) - 1-2 s.h.

The student completes the research that was started in BIOL/CHEM4120. Highlights of the research will be presented orally and through a poster presentation. A final thesis manuscript is required for submission. Prerequisite: BIOL/CHEM4120.

BIOL4310 Biochemistry I with Lab – Biomolecules (also CHEM4310) - 4 s.h.

An examination of the structure and function of biomolecules: proteins, lipids, carbohydrates and nucleic acids. The chemical and physical properties and their relationship to organ systems and laboratory techniques used to study and characterize the biomolecules. Prerequisite: CHEM3420/3421 and BIOL2100. +This course is only offered every other year.

BIOL4311 Biochemistry II – Metabolism (also CHEM4311) - 3 s.h.

An introduction to anabolic and catabolic metabolic pathways found in the cell. The synthesis and catalysis of the biomolecules will be discussed in relationship to the organ systems. Prerequisite: CHEM/BIOL4310. +This course is only offered every other year.

BIOL4400 Immunology - 3 s.h.

Investigation of the innate and adaptive immune system, including inflammation, B and T cell development and function, immunization and its role in human health. Prerequisites: BIOL2100 and BIOL2360 (grade of C or better strongly recommended). +This course is only offered every other year.

BIOL4420 Bioinformatics - 3 s.h.

This course is designed to introduce future biologists, computer and data scientists to a study of collection and storage of biological data using computational tools for analysis, leading to applications in medicine, agriculture, biomedical, and life sciences. The course will discuss several aspects of theoretical background and a working knowledge of the techniques used to generate biological data. Emphasis will be placed on biological sequence (DNA, RNA), data analysis, and applications in modern Biology. Prerequisites: CHEM3410

Organic Chemistry I and (BIOL2360 Microbiology with Lab or BIOL3310 Molecular Genetics with Lab or BIOL/CHEM4310 Biochemistry 1 with Lab-Biomolecules.)

BIOL4460 Cell and Cancer Biology - 3 s.h.
Students will investigate the cellular mechanisms of cancer and then will learn about a few specific cancers. Includes an in-depth study of the multistage model of carcinogenesis, genes involved in cancer, activation of cancer genes, signal transduction pathways that promote carcinogenesis, the mechanism of metastasis, apoptosis, how cancer treatments work, and the new potential cancer treatments. Prerequisite: BIOL2100 (grade of C or better strongly recommended). +This course is only offered every other year.

BIOL4900 Special Topics - 1-3 s.h.
Opportunity for a small group of advanced students to pursue in-depth study of an area or topic of interest. Will be offered on demand when faculty are available.

Business Administration

Courses Offered

BUAD1100 Introduction to Business

BUAD1400 Personal Finance

BUAD2000 Individual Study

BUAD2320 Principles of Management

BUAD2350 Free Market Practicum

BUAD2380 Principles of Business Finance

BUAD3000 Individual Study

BUAD3120 Financial Statement Analysis

BUAD3130 Investment Analysis (also ECON3130)

BUAD3200 Business Ethics

BUAD3210 Social Media Marketing

BUAD3230 Introduction to Change Management

BUAD3240 Marketing Research and Analytics

BUAD3350 Free Market Practicum

BUAD3360 Entrepreneurial Leadership

BUAD3370 Corporate Finance and Financial Modeling

BUAD3400 Small Business Ventures and Entrepreneurship

BUAD3420 International Finance

BUAD3430 Digital Marketing Foundations and Strategy

BUAD3490 Human Resource Management

BUAD3650 Business Connections

BUAD3800 Methods of Teaching Business

BUAD4000 Individual Study

BUAD4110 Internship in Entrepreneurship

BUAD4120 Internship in Finance

BUAD4130 Internship in International Business

BUAD4140 Internship in Management

BUAD4150 Internship in Marketing

BUAD4170 Internship in Human Resource Management

BUAD4180 Internship in Social Media Marketing

BUAD4190 Innovations in Finance

BUAD4220 Seminar in Accounting and Finance

BUAD4240 Derivative Securities and Fixed Income

BUAD4320 Strategic Brand Management

BUAD4410 Operations and Supply Chain Management

BUAD4411 Strategic Sales Management

BUAD4450 Integrated Marketing Communication

BUAD4480 International Marketing & Advertising

BUAD4700 Internship in Business Administration

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation

Course Descriptions

BUAD1100 Introduction to Business - 3 s.h.

Introduction to Business is designed to expose students to the many functions of modern business including topics such as management, finance accounting, marketing, production, computers, international business, small business, investments and other areas of general business interest.

BUAD1400 Personal Finance - 3 s.h.

An overview of personal financial management, including investment, taxation, insurance and credit.

BUAD2000 Individual Study - 1-3 s.h.

BUAD2320 Principles of Management - 3 s.h.

Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing.

BUAD2350 Free Market Practicum - 0-2 s.h.

An experiential course in which students develop and conduct outreach programs to teach and promote free enterprise to various publics. Students will develop greater understanding of and appreciation for the concept of freedom as it applies to the marketplace. May be repeated, although only 4 s.h. may be counted toward any graduation requirement.

BUAD2380 Principles of Business Finance - 3 s.h.

A study of principles and problems basic to a business firm's decisions in planning for and managing financial resources for the purpose of maximizing the value of these resources. Prerequisites: ECON1320.

BUAD3000 Individual Study - 1-3 s.h.

BUAD3120 Financial Statement Analysis - 3 s.h.

A focus on the development of skills in evaluating company performance and risk through the analysis of financial reports. Students use data analytics tools to apply industry standard curriculum concepts, including earnings quality, ratio analysis, forecasting, and cash flow evaluation, and to generate insights for investment, credit, and valuation decisions, while comparing GAAP and IFRS. Prerequisite: ACCT2310

BUAD3130 Investment Analysis (also ECON3130) - 3 s.h.

A study of the fundamental principles underlying the analysis of investments. Prerequisites: ACCT2320, BUAD3120, BUAD2380, and ECON1320. +This course is only offered every other year.

BUAD3200 Business Ethics - 3 s.h.

An introduction to various ethical theories and their application to business situations. Students should gain greater awareness of ethical dilemmas as they occur, examine their own morals and their implications in various business settings, and become acquainted with some of the philosophical background of ethics.

BUAD3210 Social Media Marketing - 3 s.h.

This course provides a comprehensive overview, with hands-on experience, of Social Media Marketing. The most basic objectives of the course are to provide students with a broad introduction to social media marketing concepts and techniques using the latest online tools combined with practical "real world" application. There will be an emphasis on strategic use of tools, effective design and contemporary marketing techniques. Students will build and maintain real world marketing campaigns.

BUAD3230 Introduction to Change Management - 3 s.h.

This course is a fundamental exploration into the dynamic field of organizational change. This course gives students a comprehensive understanding of the theories, methodologies, and best practices (change, AI, machine learning) IoT (Internet of Things) and modern innovations) essential for managing organizational change. Participants delve into case studies, practical applications, and interactive discussions, gaining insights into the complexities of change and the strategies to navigate them successfully.

BUAD3240 Marketing Research and Analytics - 3 s.h.

A focus on the practice of studying and managing marketing metrics data in order to enhance decision making for marketing efforts including calls-to-action (CTAs), blog posts, channel performance, and thought leadership pieces, and to identify opportunities for improvement and maximize marketing outcomes. Students will learn how marketing analytics professionals serve as liaisons between those who make marketing decisions and those who work with the data.

BUAD3350 Free Market Practicum - 0-2 s.h.

An experiential course in which students develop and conduct outreach programs to teach and promote free enterprise to various publics. Students will develop greater understanding of and appreciation for the concept of freedom as it applies to the marketplace. May be repeated, although only 4 s.h. may be counted toward any graduation requirement.

BUAD3360 Entrepreneurial Leadership - 3 s.h.

Emphasis is placed on: learning skills for taking risks and thriving in a changing environment; discovering individual passion; learning about the system in which we exist; and becoming action oriented. In addition to being academically challenging, this course will also be physically challenging due to the service projects, team-building and risk-taking activities. Prerequisites: BUAD3350 and instructor's consent.

BUAD3370 Corporate Finance and Financial Modeling - 3 s.h.

An introduction to the fundamental issues of modern finance facing firms, including investment and financing decisions, interactions with capital markets, financial analysis, and business forecasting. Topics are taught with a focus on a code of ethics and professional standards guided by industry best practices.

BUAD3400 Small Business Ventures and Entrepreneurship - 3 s.h.

Provides an opportunity to develop a business plan for a new venture or expansion of an existing company. Students are expected to acquire skills in evaluating business ventures, learn alternative financing sources, develop ideas for differentiating products, and to develop an understanding of what is required to harvest the profits in a growing business. Prerequisites: ACCT2320 and ECON1320. +This course is only offered every other year.

BUAD3420 International Finance - 3 s.h.

An examination of the financial techniques utilized in global organizations and the international financial markets with which they interact. A focus is placed on how financial leaders can make ethically grounded decisions, while navigating the strategic and financial challenges facing global businesses today. +This course is only offered every other year.

BUAD3430 Digital Marketing Foundations and Strategy - 3 s.h.

This course introduces students to the fundamental concepts, tools, and strategies of digital marketing in today's technology-driven business environment. Students will explore core topics such as website optimization, search engine marketing

(SEM/SEO), social media, email campaigns, mobile platforms, content creation, and data analytics. Emphasis is placed on developing a strategic mindset-integrating digital channels into cohesive marketing plans, aligning tactics with organizational goals, and leveraging analytics to measure performance and refine decision-making. By the end of the course, students will gain both a theoretical foundation and practical skills to design, implement, and evaluate digital marketing strategies across diverse industries and audiences.

BUAD3490 Human Resource Management - 3 s.h.
A comprehensive review of essential personnel management concepts, laws, controversies, and techniques for success currently being used in business. Offered for online Organizational Leadership major only. +This course is only offered every other year.

BUAD3650 Business Connections - 3 s.h.
A project-based course in which students connect content from one of the certificate program's Business Administration courses with a course in their major. If the student's major is in the School of Business, the project will connect one of the certificate courses with a liberal arts course they are taking concurrently. For non-degree seeking students, the project will connect one of their certificate courses with a life experience or previously completed liberal arts course. Wherever appropriate, the topic must be approved by the instructors of both courses being linked in the project. Prerequisite: Instructor's consent.

BUAD3800 Methods of Teaching Business - 3 s.h.
A study of standards, objectives, and curriculum of business in the secondary school. Emphasis on instructional strategies, methods, materials/resources, and techniques of evaluation embedded within the business classroom. Prerequisites: 20 s.h. of business coursework listed above and admittance into the Teacher Education Program, unless part of an approved Interdisciplinary Studies Program.

BUAD4000 Individual Study - 1-3 s.h.

BUAD4110 Internship in Entrepreneurship - 1-3 s.h.
An internship that allows students to work with professionals who are in career areas relating to the field of entrepreneurship. The student will play an active role in identifying potential field sponsors. (Graded on a Pass/Fail basis.) Prerequisite: Instructor’s consent.

BUAD4120 Internship in Finance - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of finance. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/ Fail basis.) Prerequisite: Instructor's consent.

BUAD4130 Internship in International Business - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of international business. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BUAD4140 Internship in Management - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of management. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BUAD4150 Internship in Marketing - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of marketing. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/ Fail basis.) Prerequisite: Instructor's consent.

BUAD4170 Internship in Human Resource Management - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of human resource management. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BUAD4180 Internship in Social Media Marketing - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of social media marketing. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BUAD4190 Innovations in Finance - 3 s.h.

An exploration of new technologies that are disrupting the financial services industry, including artificial intelligence, deep learning, blockchain technology and open APIs. Includes an

examination of fintech start-ups that are driving change in business models, products, applications and customer user interface.

BUAD4220 Seminar in Accounting and Finance - 3 s.h.

A comprehensive capstone course for students majoring in Finance that integrates material from previous courses taken in the major and explores a wide range of finance-related topics, including the ethical issues affecting the current financial environment of business firms. Pre-requisites: BUAD3370, BUAD3380.

BUAD4240 Derivative Securities and Fixed Income - 3 s.h.

An examination of derivative securities, including options, futures, forwards, and swaps, and fixed-income instruments, such as bonds and mortgage-backed securities. Topics include valuation, yield curves, duration, credit risk, and hedging, with an application of quantitative analytics and real company data to evaluate strategies within the professional code of ethics. Prerequisite: BUAD3130

BUAD4320 Strategic Brand Management - 3 s.h.

The course is aimed at both students focusing on brand management as it relates to a career and those intellectually curious about branding. Brand management is transforming, and the course tackles various aspects of brand management and the shifting roles of brand managers. The critical learning for this course is framed around four questions: 1. How are these concepts relevant to the real world? 2. How do we know that this is true? 3. Do we have any evidence that this phenomenon exists or is true? 4. How can the frameworks proposed here be helpful to practicing decision-making? This course is designed to provide students with an applied understanding of Strategic Brand Management: 1) brands, brand architecture, and brand management, 2) developing a brand strategy, 3) designing and implementing brand marketing programs, 4) measuring and interpreting brand performance, and 5) growing and sustaining brand equity. Prerequisites: BUAD2330 Principles of Marketing or SPMT330 Sport Marketing.

BUAD4410 Operations and Supply Chain Management - 3 s.h.

The planning, organizing, staffing, directing and controlling of all the activities of production systems. Prerequisites: MATH1360. Offered Fall odd years. +This course is only offered every other year.

BUAD4411 Strategic Sales Management - 3 s.h.

The Strategic Sales Management course emphasizes the strategic leadership aspects of sales and revenue generation. It includes sales forecasting, customer relationship management, sales team management, and negotiation strategies. Students learn to align sales efforts with overall business objectives, maximizing revenue while maintaining strong customer relationships.

BUAD4450 Integrated Marketing Communication - 3 s.h.

This course stands as a pivotal cornerstone in the realm of modern marketing strategies, which every marketing student must understand and know its applied science. This comprehensive course examines various marketing channels, emphasizing the harmonious and balanced integration of advertising, public relations, digital marketing, and brand communication. Students are challenged with a rich learning experience, exploring the synergistic relationship between different communication platforms and their collective impact on building strong, cohesive brand narratives. Prerequisite: BUAD4320

BUAD4480 International Marketing & Advertising - 3 s.h.

The aim of the course is to give the students a deeper understanding of marketing on a global basis. The students examine the international similarities and differences in marketing functions as related to the cultural, economic, political, social, and physical dimensions of the environment. This course is designed to provide students with an applied understanding of international marketing activities based on real-life examples.

BUAD4700 Internship in Business Administration - 1-3 s.h.

nternship that allows students to work with professionals in a business setting. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

BUAD4950 Senior Seminar – Design Thinking for Strategic Innovation - 3 s.h.

This is the capstone course for Business Management, Marketing, and Agricultural Business Majors. The Senior Seminar in Design Thinking for Strategic Innovation is structured with a rigorous approach, emphasizing practical application and critical analysis of design thinking principles to solve real-world strategic challenges. Students engage in

advanced problem-solving frameworks, including empathy-driven research, ideation, prototyping, and iterative testing, requiring them to think innovatively and strategically. Throughout the course, they apply design thinking methodologies to complex business scenarios, work on team-based projects, and receive continuous feedback to refine their solutions. The course rigor is reflected in its demand for creativity, strategic foresight, and the ability to navigate ambiguity, preparing students to lead innovation within dynamic business environments. Prerequisites: BUAD2380, BUAD3320, BUAD3330, and MATH1360.

Career Planning

Courses Offered

CRPL1100 Career Perspectives and the World of Work

CRPL3100 Future Focus and the Job Search

CRPL3150 Internship in Career Services

Course Descriptions

CRPL1100 Career Perspectives and the World of Work - 1 s.h.
Designed to involve students in the early phases of career planning and will include self-exploration, career options and the world of work. Additional fee required. Prerequisite: Open to freshmen and sophomores only or instructor's consent.

CRPL3100 Future Focus and the Job Search - 1 s.h.
Designed for the student who has chosen a career direction, and is now ready for the job search process: resumé writing, cover letters, networking and prospecting are included. Additional fee required.

CRPL3150 Internship in Career Services - 0-3 s.h.
Field experience providing practical application of knowledge and theory in a professional setting with qualified personnel. This internship offers an opportunity for a student to be exposed to an learn about career services, work with college students regarding internships and job searches, and market those services to targeted groups. Prerequisites: Junior or Senior standing. Satisfactory academic standing with a

minimum GPA of 2.50. Placement needs approval by the Career Services Coordinator. May be repeated once for credit. (Graded on a Pass/Fail basis.)

Chemistry

Courses Offered

CHEM1200 Environmental Science with Lab (also BIOL1200)

CHEM1330 Introduction to General, Organic, and Biochemistry with Lab

CHEM1340 Forensic Chemistry with Lab

CHEM1410 General Chemistry I Workshop with Lab

CHEM1420 General Chemistry II Workshop with Lab

CHEM1450 Introduction to Organic and Biochemistry (1-0)

CHEM2000 Individual Study

CHEM3000 Individual Study

CHEM3120 Internship in Chemistry

CHEM3300 Analytical Chemistry with Lab

CHEM3410 Organic Chemistry I (3-0)

CHEM3411 Organic Chemistry I Lab (0-3)

CHEM3420 Organic Chemistry II (3-0)

CHEM3421 Organic Chemistry II Lab (0-3)

CHEM3610 Physical Chemistry I with Lab

CHEM3620 Physical Chemistry II with Lab

CHEM3900 Special Topics in Chemistry

CHEM4000 Individual Study

CHEM4111 Capstone Research I

CHEM4120 Capstone Research II (also BIOL4120)

CHEM4130 Capstone Research III (also BIOL4130)

CHEM4310 Biochemistry I with Lab – Biomolecules (also BIOL4310)

CHEM4311 Biochemistry II – Metabolism (also BIOL4311)

CHEM4330 Instrumental Analysis (3-3)

Course Descriptions

CHEM1200 Environmental Science with Lab (also BIOL1200) - 4 s.h.

An exploration of the biotic and abiotic components of the environment, including the biological, physical, and chemical processes that shape natural ecosystems (e.g., biogeochemical cycles). The course will also examine the impact of human population growth, resource use, emissions production, and technological innovations on the environment. Current environmental issues, such as loss of biodiversity, ecosystem degradation, air and water pollution, and climate change, will be considered. Additional fee required. ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences.

CHEM1330 Introduction to General, Organic, and Biochemistry with Lab - 4 s.h.

An introduction to the principles of inorganic, organic and biochemistry, including a study of atoms, chemical bonding, types of chemical reactions (focusing on ones in the cell), solution chemistry, introduction of biological molecules (proteins, lipids, carbohydrates, and nucleic acids). This course is intended for students desiring a general education in chemistry, those majoring in nursing or allied health fields and those that need it to fulfill the chemistry requirement for cell biology and genetics course. Prerequisite: MATH1280 or one year of high school algebra (C or better strongly recommended). Additional fees required. GE3D Liberal Learning-Natural Sciences

CHEM1340 Forensic Chemistry with Lab - 4 s.h.

This course will expose students to the field of forensic science primarily using chemical forensics and testing. Topics include evidence collection and preservation, drugs and drug chemistry, heat and explosions, poisons and others. The course will cover basic chemical concepts needed to plan, execute, and interpret forensic results. All necessary scientific concepts will be developed in the context of forensic science. Additional fee required. ELO6 Science - World Citizenship, ELO6 Science - Innovation, GE3D Liberal Learning-Natural Sciences

CHEM1410 General Chemistry I Workshop with Lab - 4 s.h.

General Chemistry I Workshop is appropriate for any student interested in developing a strong background in chemistry. It is intended to be the first university chemistry course for science majors. As such, it will be fairly rigorous and will draw upon previous experience in mathematics and science. Major areas to be covered include atomic and molecular structures, chemical bonding, stoichiometric relationships, and chemical reactions. Laboratory activities and experiments are closely related to concepts introduced in class discussions and will allow students to develop their laboratory skills. Good safety practices and experimental record keeping will be stressed. Students are expected to actively participate in class activities and discussions in addition to homework assignments, individual/group study and preparation for exams. Course is intended for biology, chemistry, and some allied health majors. Additional fee required. Fulfills liberal learning science course. Prerequisites: Two years high school algebra and one year geometry (plane trigonometry recommended) or 1 year of high school calculus or one higher-level college math course (college algebra (MATH1280) or college calculus (MATH1510)), and one year of high school chemistry or any college level chemistry course. EL06 Science, GE3D Liberal Learning-Natural Sciences.

CHEM1420 General Chemistry II Workshop with Lab - 4 s.h.

General Chemistry II Workshop is appropriate for any student interested in developing a strong background in chemistry. It is the continuation of CHEM1430. Students will gain a deeper understanding of basic chemical principles and will emphasize problem solving. It is fairly rigorous and will draw upon previous chemistry experience as well as mathematics and other science fields. Major areas to be covered include physical properties of solids, liquids, and solutions, intermolecular forces, energy changes in chemical reactions, thermodynamics, gas-phase equilibrium, and aqueous acid/base equilibrium. Laboratory activities and experiments are closely related to concepts introduced in class discussions and will allow students to develop their laboratory skills. Good safety practices and experimental record keeping will be stressed. Students are expected to actively participate in class activities and discussions in addition to homework assignments, individual/group study and preparation for exams. Prerequisite: CHEM1410.

CHEM1450 Introduction to Organic and Biochemistry (1-0) - 1 s.h.

An introduction to the principles of organic and biochemistry, including a study of chemical reactions (condensation and hydrolysis reactions), solution chemistry (hypotonic/hypertonic, isotonic solution), functional groups, organic molecule representation, introduction of biological molecules (proteins, lipids, carbohydrates and nucleic acids). This course is intended for students who need to help fulfill the chemistry requirement for fundamentals of cell biology and genetics course (BIOL2100). Pre or Corequisite: CHEM1410.

CHEM2000 Individual Study - 1-3 s.h.

CHEM3000 Individual Study - 1-3 s.h.

CHEM3120 Internship in Chemistry - 1-3 s.h.
Developed in conjunction with and approved by an appropriate faculty member in Chemistry. This internship will be with professionals who are in career areas relating to majors in the department and may be pursued abroad. The student is responsible for arranging their internship. May be repeated for a maximum of 9 semester hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

CHEM3300 Analytical Chemistry with Lab - 4 s.h.
Study of theory and practice of modern separation and analytical techniques. Includes use of electrochemical, spectrometric and chromatographic instruments. Additional fee required. Prerequisite: CHEM1420. Offered odd years Spring.

CHEM3410 Organic Chemistry I (3-0) - 3 s.h.
An in-depth study of modern organic chemistry including nomenclature, structure and bonding, synthesis, reaction mechanisms, and important functional groups and families of both aliphatic and aromatic compounds. Prerequisite: CHEM1420. Corequisite: CHEM3411 Organic Chemistry I Lab.

CHEM3411 Organic Chemistry I Lab (0-3) - 1 s.h.
Additional fee required. Corequisite: CHEM3410 Organic Chemistry I.

CHEM3420 Organic Chemistry II (3-0) - 3 s.h.
A continuation of CHEM3410 which is a prerequisite. With a grade of C or better is strongly recommended. Corequisite: CHEM3421 Organic Chemistry II Lab.

CHEM3421 Organic Chemistry II Lab (0-3) - 1 s.h.
Additional fee required. Corequisite: CHEM3420 Organic Chemistry II.

CHEM3610 Physical Chemistry I with Lab - 4 s.h.
A study of thermodynamics, thermochemistry, chemical kinetics, equilibrium, atomic and molecular structure, electrochemistry, and quantum chemistry. Additional fee required. Prerequisites: CHEM1420, PHYS1420, and MATH1520. Offered odd years Fall. +This course is only offered every other year.

CHEM3620 Physical Chemistry II with Lab - 4 s.h.
Additional fee required. Continuation of CHEM3610, which is a prerequisite. Offered even years Spring. +This course is only offered every other year.

CHEM3900 Special Topics in Chemistry - 1-3 s.h.
A study of special topics in chemistry not available to the student in the regular course offerings. May be repeated for credit as topics change. Prerequisite: Instructor's consent.

CHEM4000 Individual Study - 1-3 s.h.

CHEM4111 Capstone Research I - 1 s.h.
Course covers the basic elements of scientific research (e.g., performing literature searches, developing research questions, designing experiments, and giving scientific presentations). The student will develop a scientific question and then write a research proposal in cooperation with a faculty mentor to answer that question. Prerequisite: BIOL2100, CHEM3410/3411, and junior standing or consent of instructor.

CHEM4120 Capstone Research II (also BIOL4120) - 1-2 s.h.
The student conducts scientific research based on the research proposal developed in BIOL/CHEM4111. Prerequisite: BIOL/CHEM4110.

CHEM4130 Capstone Research III (also BIOL4130) - 1-2 s.h.
The student completes the research that was started in BIOL/CHEM4120. Highlights of the research will be presented orally and through a poster presentation. A final thesis manuscript is required for submission. Prerequisite: BIOL/CHEM4120.

CHEM4310 Biochemistry I with Lab – Biomolecules (also BIOL4310) - 4 s.h.
An examination of the structure and function of biomolecules: proteins, lipids, carbohydrates and nucleic acids. The chemical and physical properties and their relationship to organ systems

and laboratory techniques used to study and characterize the biomolecules. Prerequisite: CHEM3420/3421 and BIOL2100. +This course is only offered every other year.

CHEM4311 Biochemistry II – Metabolism (also BIOL4311) - 3 s.h.
An introduction to anabolic and catabolic metabolic pathways found in the cell. The synthesis and catalysis of the biomolecules will be discussed in relationship to the organ systems. Prerequisite: CHEM/BIOL4310. +This course is only offered every other year.

CHEM4330 Instrumental Analysis (3-3) - 4 s.h.
A study of the analysis and identification of organic compounds and mixtures by modern instrumental techniques and traditional wet chemical methods. Additional fee required. Prerequisite: CHEM3420/3421 with a grade of C or better is strongly recommended. Offered even years Fall. +This course is only offered every other year.

Communications

Courses Offered

COMM1100 Foundations of Public Speaking

COMM1130 Argumentation and Debate

COMM2110 Intercultural Communication

COMM2220 Communication and Advocacy

COMM2500 Introduction to Mass Media

COMM3000 Individual Study

COMM3130 Advanced Argumentation and Debate

COMM3140 Rhetorical Criticism and Persuasion

COMM3210 Conflict Management and Dialogue (Also SOCI/PEAC3210)

COMM3220 Gender and Communication

COMM3240 Environmental Communication

COMM3500 Digital Discourses in Media

COMM3900 Topics in Communication

COMM4000 Individual Study

COMM4150 Senior Seminar

COMM4300 Internship in Communication

COMM4400 Practicum in Information Services (Also ENGL4400)

Course Descriptions

COMM1100 Foundations of Public Speaking - 3 s.h.

Foundations of Public Speaking focuses on practices in the speech processes of writing, delivery, listening, audience analysis, criticism, and performance of introductory, informative, persuasive, and mediated speeches. The course introduces foundations of academic research and provides students with the skillset to expand their critical thinking and speaking to meet the dynamic demands of public communication. The emphasis of the course is on learning through performance and application of communication principles and tools. ELO1B Communications, GE1B Foundational Skills-Writing and Communication.

COMM1130 Argumentation and Debate - 0-1 s.h.

Study of the skills in persuasive argumentation. Examination of the processes of creating and delivering public arguments based on formal and contextual speaking parameters. This course emphasizes the practice of constructing sound arguments through academic research, critical thinking, and decision making.

COMM2110 Intercultural Communication - 3 s.h.

An examination of concepts that have application to communication across cultural boundaries, with emphasis on relating them to effective intercultural communication skGE3C Liberal Learning-Humanities. ELO4 Global Learning - World Citizenship, ELO4 Global Learning - Equality and Peace, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

COMM2220 Communication and Advocacy - 3 s.h.

An examination of rhetorical and political communication theories and practices that are fundamental to social change advocacy. Students will become familiar with basic tools of

organizing and advocating for social change, with hands-on application of various communication theories and approaches. +This course is only offered every other year.

COMM2500 Introduction to Mass Media - 3 s.h.

An examination of the various landmark theories, such as rhetorical, Marxist, and feminist to analyze popular culture, with an emphasis on the importance of communication in the production and consumption of culture. Students will study the development of culture by applying different theories or 'lenses' to cultural artifacts including music, movies, advertisements, clothing, etc. GE3C Liberal Learning-Humanities +This course is only offered every other year.

COMM3000 Individual Study - 1-3 s.h.

COMM3130 Advanced Argumentation and Debate - 0-1 s.h.

Study of the skills in persuasive argumentation. Examination of the processes of creating and delivering public arguments based on formal and contextual speaking parameters. This course emphasizes the practice of constructing sound arguments through academic research, critical thinking, and decision making. Members are expected to participate on a leadership level.

COMM3140 Rhetorical Criticism and Persuasion - 3 s.h.

An emphasis in learning theories, information processing theories, perception theories, components of persuasive appeals, and the ethics involved in persuasion. Further, students will examine the theories and persuasive appeals involved in communication campaigns and critique the success, or lack thereof, of multiple persuasive strategies. +This course is only offered every other year.

COMM3210 Conflict Management and Dialogue (Also SOCI/PEAC3210) - 3 s.h.

An examination of conflict theories and approaches, negotiation process, conflict ethics, and third party mediation. In this class, students will become familiar with the causes of conflict as well as ways strategies and tactics used in conflict management. Further, this class will explore the foundational theoretical concepts and models of dialogue in the context of conflict management. +This course is only offered every other year.

COMM3220 Gender and Communication - 3 s.h.

An exploration of sex, gender, and sexuality as they relate to the ways we communicate in personal, professional, and political contexts. Specific attention will be given to self-other relationships, how gendered identities affect interpersonal, cultural, and political interactions, where do individuals stand in terms of normative gender identities, and how those norms came to be. +This course is only offered every other year.

COMM3240 Environmental Communication - 3 s.h.
This course will extend scientific knowledge to understand how nature and the environment influence communication and society. Students will learn about significant environmental controversies, from toxic waste to climate change, to pro-environmental behaviors. Using a foundation of persuasion, the course focuses on social responsibility and the history of mediated communication within the context of environmental movements and human-made crises.

COMM3500 Digital Discourses in Media - 3 s.h.
An exploration of the emergence of new communication practices as well as their social, political, cultural, and economic impact in personal, community, cultural, social, institutional, and international life. Specific attention will be given to the ways social media influence and shape matters of ethics and privacy, how we see ourselves and others, how we interact formally and informally, and how we do business. ELO4 Global Learning - Innovation +This course is only offered every other year.

COMM3900 Topics in Communication - 1-3 s.h.
Advanced study in specific topics in communication, to be announced the semester before they are offered. May be repeated for credit as topics change.

COMM4000 Individual Study - 1-3 s.h.

COMM4150 Senior Seminar - 3 s.h.
Allows students to synthesize knowledge across the communication studies major through the exploration and presentation of original research. Offered every spring.

COMM4300 Internship in Communication - 1-3 s.h.
Off-campus practical experience in a communication related professional setting. Offers an opportunity for application of communication skills and knowledge in monitored individual learning setting related to student's academic and career interests. Pass/fail only. Prerequisite: Permission of instructor. Repeatable to a maximum of six hours.

COMM4400 Practicum in Information Services (Also ENGL4400) - 0-3 s.h.

On-campus practical experience in college relations office, admissions office, media center or alumni relations office. Offers an opportunity for study in a monitored individual learning setting. Pass/fail only. Prerequisite: Permission of instructor and permission of the appropriate college official. Repeatable to a maximum of six hours.

Computer Science and Information Technology

Courses Offered

CSIT1060 Introduction to Web Development

CSIT1100 Principles of Computing (Python Programming)

CSIT1200 Data Structures and Algorithms

CSIT1900 Elementary Topics in Computing or Information Technology

CSIT2000 Individual Study

CSIT2010 Object Oriented Programming

CSIT2100 Intermediate Programming

CSIT2110 Introduction to Geographic Information Sciences (also SUST2100)

CSIT2220 Network and Cybersecurity Fundamentals

CSIT2260 Operating System Concepts and Linux System Administration

CSIT3000 Individual Study

CSIT3100 Operating Systems and Networks

CSIT3110 Artificial Intelligence: Theory and Practice

CSIT3120 Computer Networks and Network Security

CSIT3200 Systems Analysis and Design

CSIT3220 Cyber Defense and Digital Forensics

CSIT3300 Database Concepts and SQL

CSIT3330 Full Stack Web Development

CSIT3340 Software Engineering and Quality Management

CSIT3700 Internship in Computing and Information Technology

CSIT3710 Internship in Data Science (also MATH3710)

CSIT3800 Current Issues and Technologies

CSIT3900 Topics in Computer Science and Information Technology

CSIT4000 Individual Study

CSIT4100 Capstone Project

CSIT4110 Cloud Computing and Big Data Technologies

CSIT4150 Mobile App Development with Java

CSIT4200 Machine Learning

CSIT4210 Ethical Hacking and Penetration Testing

Course Descriptions

CSIT1060 Introduction to Web Development - 3 s.h.

Basics of how the World Wide Web works and web site construction using HTML and CSS. Related technology skills will be covered.

CSIT1100 Principles of Computing (Python Programming) - 3 s.h.

An introduction to the fundamentals of computer programming through extensive practice developing software in the Python language. Fundamental terminology and topics such as integrated development environments, variables, data types, control structures, functions, and objects will be covered. ELO4 Global Learning - Innovation

CSIT1200 Data Structures and Algorithms - 3 s.h.

Continuation of CSIT1100 with emphasis on more advanced programming that involve classic data structures such as arrays, dictionaries, linked lists, queues, stacks, and trees. Recursive

techniques and efficiency considerations will also be covered. Prerequisite: CSIT1100.

CSIT1900 Elementary Topics in Computing or Information Technology - 1-3 s.h.

A study of selected elementary topics in computing or information technology that are not offered in the regular curriculum. May be repeated for credit when topics are different.

CSIT2000 Individual Study - 1-3 s.h.

CSIT2010 Object Oriented Programming - 3 s.h.

A study in the design and development of object-oriented programs in the Java language for those with basic programming skills. Project assignments will give students extensive practice in designing classes and extending class hierarchies in order to develop software solutions based on interacting objects. UML diagrams and unique features of the Java language will also be covered. Prerequisite: CSIT1100.

CSIT2100 Intermediate Programming - 1-3 s.h.

Intermediate-level programming using a specific programming language, tool-set, methodology, or genre such as COBOL, C++, PHP, Ajax, debuggers, etc. May be repeated for credit if the content is different. Scheduled course title and transcript listing will include the programming language or topic; e.g. Intermediate Programming - C++. Prerequisite: CSIT1100.

CSIT2110 Introduction to Geographic Information Sciences (also SUST2100) - 3 s.h.

Students will learn theoretical and practical foundations related to geographic information systems and spatial analysis. Emphasis on teaching students to integrate and analyze spatial information from various sources. Includes a weekly laboratory section. Prerequisite: MATH1380.

CSIT2220 Network and Cybersecurity Fundamentals - 3 s.h.

Gain an in-depth knowledge of network architectures and fundamental protocols like TCP/IP and HTTP. Learn how to design and secure network infrastructures using firewalls and intrusion detection systems. Acquire the skills to defend against common cyber threats, including malware, phishing, and denial-of-service attacks, while implementing security best practices to maintain strong and resilient network defenses. Prerequisite: CSIT1100.

CSIT2260 Operating System Concepts and Linux System Administration - 3 s.h.

Explore the fundamental aspects of operating systems, including process management, memory allocation, and file systems. Acquire practical skills in managing Linux servers, automating tasks with shell scripting, and troubleshooting system issues. Build expertise in essential system administration tools, while learning best practices for secure and efficient server management. Prerequisite: CSIT1100.

CSIT3000 Individual Study - 1-3 s.h.

CSIT3100 Operating Systems and Networks - 3 s.h.

A study of operating systems and networking concepts such as multithreading, task management, storage management, local and wide area networks, TCP/IP (Internet protocols), security, and distributed systems. Prerequisite: CSIT1300 and CSIT2200. +This course is only offered every other year.

CSIT3110 Artificial Intelligence: Theory and Practice - 3 s.h.

Learn the foundational concepts of artificial intelligence (AI), covering machine learning, deep neural networks, reinforcement learning, natural language processing (NLP), and computer vision. Examine AI applications across various industries, including healthcare, finance, manufacturing, and autonomous systems. Practical expertise is developed through hands-on projects, focusing on building and training AI models to solve real-world challenges effectively. Prerequisite: DSCI1500 Principles of Data Science and Analytics.

CSIT3120 Computer Networks and Network Security - 3 s.h.

A study of networking technologies and network security. Topics include networking concepts, the OSI model, packet structure, and communication protocols as well as core concept of information security such as encryption, malware, and software exploitation. Course will require significant programming. Prerequisite: CSIT2240 (Computer Hardware and Operating Systems).

CSIT3200 Systems Analysis and Design - 3 s.h.

A study of current strategies and techniques to analyze and model information system requirements, covering managerial, behavioral, and technical components of the system's analysis and design process. Object-oriented software design will be emphasized. Prerequisite: CSIT2010.

CSIT3220 Cyber Defense and Digital Forensics - 3 s.h.

Acquire the skills to defend against cyber threats through advanced network monitoring, malware analysis, and forensic tools. Learn how to investigate cyber incidents, recover digital

evidence, and analyze network traffic to detect and respond to attacks. Build proficiency in digital forensics and incident response, preparing for a career in cybersecurity and forensic investigation. Prerequisite: CSIT2220 Network and Cybersecurity Fundamentals.

CSIT3300 Database Concepts and SQL - 3 s.h.

A study of the concepts and structures required to implement a database system including the logical design and physical organization of the database. Emphasis is given to the design and development of database systems that includes understanding and applying entity-relationship models. Implementation of a database using SQL on a database system is included.

CSIT3330 Full Stack Web Development - 3 s.h.

Develop expertise in front-end and back-end web development using technologies like HTML, CSS, JavaScript, PHP, Node.js, and databases. Create responsive, dynamic user interfaces, design and implement RESTful APIs, and integrate back-end databases. Learn how to deploy web applications in production environments with a focus on optimizing performance and ensuring scalability. Prerequisite: CSIT1060 Introduction to Web Development.

CSIT3340 Software Engineering and Quality Management - 3 s.h.

Explore the full software development lifecycle, focusing on methodologies such as Agile and DevOps. Gain experience with version control tools like Git and learn to implement CI/CD pipelines for automated testing and deployment. Emphasize software quality through rigorous testing practices, identifying and resolving defects to deliver high-quality software solutions. Prerequisite: CSIT1100 Principles of Computing (Python Programming).

CSIT3700 Internship in Computing and Information Technology - 1-3 s.h.

This internship allows students to work with professionals in career areas relating to computing and information technology. Student will play an active role in identifying internship opportunities and field sponsors. May be repeated for a maximum of 9 semesters hours. (Graded on Pass/ Fail basis.) Prerequisite: Instructor’s consent.

CSIT3710 Internship in Data Science (also MATH3710) - 3 s.h.

Application of data science skills and methods to client projects. Students will interact with clients and prepare formal reports and presentations. (Graded on Pass/ Fail basis.)

Prerequisite: Instructor’s consent.

CSIT3800 Current Issues and Technologies - 1-3 s.h.

Exploration of an issue or technology that has emerged or exists in a state of change. Typically there will be a significant hands-on component to the course. Course title will include a subtitle; e.g. Current Issues and Technologies – Data Mining. May be repeated for credit when the subtitle is different.

CSIT3900 Topics in Computer Science and Information Technology - 1-3 s.h.

A study of selected topics in computer science and information technology. May be repeated for credit when the topics are different.

CSIT4000 Individual Study - 1-3 s.h.

Research-level study, especially one in which a conference presentation or published paper is the goal. Prerequisite: Instructor's consent.

CSIT4100 Capstone Project - 1-3 s.h.

In-depth project in consultation with the sponsoring faculty member. Students will complete a project that requires design, interactivity and creativity. The project will include some technical aspects and complete documentation of the project is required. The project requires a formal presentation at completion. Prerequisite: Instructor's consent.

CSIT4110 Cloud Computing and Big Data Technologies - 3 s.h.

Course Description: This course covers major cloud platforms such as AWS and Azure, alongside big data technologies like Hadoop and Spark. The focus is on designing and deploying scalable applications in distributed systems. Practical experience is gained by utilizing cloud services for data storage, processing, and analysis, along with a thorough understanding of big data management principles within cloud ecosystems.. Prerequisite: DSCI1500 Principles of Data Science and Analytics.

CSIT4150 Mobile App Development with Java - 3 s.h.

This course teaches students to design, develop, and deploy Android applications using Java and the Android SDK. Students will focus on essential components such as activities, intents, and services, while building user-friendly interfaces that respond to interactions. The course also covers integration with device features, performance optimization, and the process of publishing apps to the Google Play Store. Prerequisite: CSIT2010 Object-Oriented Programming.

CSIT4200 Machine Learning - 3 s.h.
A study of regression, kernels, support vector machines, clustering, Neural networks. Prerequisites: MATH3340, MATH2510, CSIT1200. (Students participating in the 4+1 Masters program in Data Science and Analytics should sign up for DSCI5370 Machine Learning.)

CSIT4210 Ethical Hacking and Penetration Testing - 3 s.h.
Gain proficiency in identifying system and network vulnerabilities using ethical hacking tools such as Metasploit and Burp Suite. Conduct detailed penetration tests to evaluate security measures and provide practical recommendations for improvement. Uphold ethical standards and confidentiality throughout the testing process to ensure responsible and secure practices. Prerequisite: CSIT2220 Network and Cybersecurity Fundamentals.

Criminal Justice

Courses Offered

CRMJ1200 Introduction to Criminal Justice

CRMJ1400 Introduction to Forensic Psychology (also PSYC1400)

CRMJ2100 History of Terrorism (also HIST2100)

CRMJ2460 Multicultural Policing

CRMJ3100 Law and the Justice System

CRMJ3220 Criminal Investigation

CRMJ3240 Terrorism and Homeland Security

CRMJ3351 Community-Based Corrections

CRMJ3420 Drugs in Society

CRMJ3500 Criminal Law (also POLS3500)

CRMJ3520 Juvenile Delinquency and Juvenile Justice

CRMJ3900 Advanced Topics in Criminal Justice

CRMJ4700 Criminal Justice Internship

Course Descriptions

CRMJ1200 Introduction to Criminal Justice - 3 s.h.

A survey of the structure and process of the criminal justice system, including the study of law enforcement, criminal courts, and correctional agencies. ELO5 Social Science - Peace, ELO5 Social Science - Equality and Peace

CRMJ1400 Introduction to Forensic Psychology (also PSYC1400) - 3 s.h.

Explores the differing, yet varied facets of the field of forensic psychology including landmark legal cases relevant to psychology, potential careers in forensic psychology, police psychology, expert testimony, forensic psychological assessment, psychopathy, homeland security, ethics, correctional psychology, and issues in working in the juvenile justice system.

CRMJ2100 History of Terrorism (also HIST2100) - 3 s.h.

A survey of the concept of terrorism, from the French Revolution to present day. Students will critically interrogate the varied meanings of the term, the use of the term to delegitimize opponents, and the problematic nature of the concept of terrorism.

CRMJ2460 Multicultural Policing - 3 s.h.

This course focuses on the challenges present in policing multicultural settings. Issues pertaining to understanding diverse cultures and effective communication across cultures from the standpoint of law enforcement are explored in detail. Recommended prerequisite: CRMJ1200.

CRMJ3100 Law and the Justice System - 3 s.h.

An overview of Constitutional law that impacts the American justice system from arrest through trial, punishment to release. Key legal cases and precedents for policing, prosecution, sentencing, and corrections will be covered in depth. Prerequisite: CRMJ2400.

CRMJ3220 Criminal Investigation - 3 s.h.

This course is a comprehensive approach to the examination and treatment of physical evidence as it relates to the criminal justice system. Students will be involved in an interactive learning experience tied to the securing and preserving of crime scenes and maintaining the integrity of trace evidence for future court proceedings. Prerequisite: CRMJ1200.

CRMJ3240 Terrorism and Homeland Security - 3 s.h.

A theoretical and conceptual framework of how domestic and international terrorism arises and functions. Topics discussed will include theories of the world's best terrorist analysts, the historical background on the phenomenon of terrorism, the roots of contemporary conflicts, current conflicts shaping the world stage, emerging groups, and US Homeland Security organizations—including controversies surrounding human rights and protecting civil liberties.

CRMJ3351 Community-Based Corrections - 3 s.h.

Study of the history and design of community-based correctional programs, including probation and parole. The nature and variety of community corrections programs are examined and analyzed. +This course is only offered every other year.

CRMJ3420 Drugs in Society - 3 s.h.

This course provides students with an understanding of United States drug policy, its evolution and current status, and alternatives from throughout the world. Updated with the latest data and research, this course also presents expanded material on cannabis, hallucinogens, the illegal drug business, and global drug policy. This course will explore addiction from a psychological and physiological lens and introduce diversion strategies and restorative justice concepts.

CRMJ3500 Criminal Law (also POLS3500) - 3 s.h.

Survey of the history, scope, and nature of criminal law in the United States. Includes study of the legal process and rules of evidence.

CRMJ3520 Juvenile Delinquency and Juvenile Justice - 3 s.h.

Includes an examination of the nature, extent, and patterns of juvenile delinquency, evaluation of theories and causal explanations of delinquency and investigation of delinquent subcultures, as well as an examination of legal processing and treatment programs for young offenders. PREREQUISITE: SOCI1300 Introduction to Sociology. +This course is only offered every other year.

CRMJ3900 Advanced Topics in Criminal Justice - 3 s.h.

An in-depth study of topics from the fields of criminal justice, law enforcement, or corrections. Courses may be repeated as topics vary. Prerequisites: CRMJ2400.cr

CRMJ4700 Criminal Justice Internship - 1-3 s.h.

An intensive internship program in appropriate agencies or departments directly related to criminal justice, law enforcement, or corrections. Placements will be supervised by department faculty and developed in conjunction with the interests of the student. (Graded on a Pass/Fail basis.) Prerequisites: CRMJ2400, minimum 3 s.h. upper division Criminal Justice course, major in Criminal Justice, junior/senior status, a minimum GPA of 2.75 or better in the major, and instructor's consent.

Data Science

Courses Offered

DSCI1500 Principles of Data Science and Analytics

DSCI4300 Introduction to Data Science

DSCI4320 Applied AI and Data Science Capstone

DSCI4330 Extracting and Transforming Data

DSCI4700 Capstone for Data Analytics Certificates

Course Descriptions

DSCI1500 Principles of Data Science and Analytics - 3 s.h.
Introduction to the basic methods of analysis in Data Science and Data Analytics. This course introduces students to the basic statistical methods, coding applications, problem solving, and data integrity issues common to the field.

DSCI4300 Introduction to Data Science - 3 s.h.
An introduction to the methods of data science through a combination of computational exploration, visualization, and theory. Students will learn scientific computing basics, topics in numerical linear algebra, mathematical probability, statistics, and social and political issues raised by data science. Prerequisites: Prior courses in statistics, calculus and basic programming. (Students participating in the 4+1 Masters program in Data Science and Analytics should sign up for DSCI5300 Introduction to Data Science.)

DSCI4320 Applied AI and Data Science Capstone - 3 s.h.

This course provides a culminating, project-based experience in data science and artificial intelligence. Students work in teams using authentic data sets (often from community or company partners) to define a problem with a client, prepare and analyze data, and develop appropriate analytical and AI/ML solutions. Teams communicate results and recommendations in professional written and oral formats. Prerequisites: CSIT4200 - Machine Learning.

DSCI4330 Extracting and Transforming Data - 3 s.h.
Students will learn skills of data acquisition, methods of data cleaning, imputing data, data storage and other important issues required to producing useable data sets. Codebooks, data standards, and markdown files will be introduced as well as the concept of the data lake. Prerequisites: DSCI4300. (Students participating in the 4+1 Masters program in Data Science and Analytics should sign up for DSCI5330 Extracting and Transforming Data.)

DSCI4700 Capstone for Data Analytics Certificates - 3 s.h.
This course provides students with a comprehensive, end-to-end experience in the execution of a data analytics project. Working collaboratively in teams and using authentic datasets provided by industry or community partners, students engage with clients to define the problem, prepare and analyze data, generate actionable insights, and communicate their findings through professional written reports and oral presentations. With the permission of the instructor, DSCI4700 may also be completed as an Individual Study.

Economics

Courses Offered

ECON1300 Principles of Macroeconomics

ECON1320 Principles of Microeconomics

ECON2000 Individual Study

ECON2100 Introductory Economic Data Analysis

ECON3000 Individual Study

ECON3130 Investment Analysis (also BUAD3130)

ECON3200 Public Finance

ECON3220 Economics of Sports

ECON3280 Economic Development (also GEOG3280)

ECON3320 Money and Banking

ECON3350 Intermediate Microeconomic Theory

ECON3360 Intermediate Macroeconomic Theory

ECON3440 International Economics

ECON3900 Topics in Economics

ECON4000 Individual Study

ECON4110 Internship in Economics

ECON4300 Research Seminar

ECON4430 Managerial Economics

Course Descriptions

ECON1300 Principles of Macroeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, national income, international trade and finance, fiscal policy, monetary policy, money, and banking. Prerequisite: 1 year high school algebra; geometry recommended. ELO5 Social Science - World Citizenship, ELO5 Social Science - Innovation

ECON1320 Principles of Microeconomics - 3 s.h.

Analysis of the fundamental principles of the American economic system, centering on price, production, market structures, and a survey of contemporary economic problems, e.g. sustainability. ELO5 Social Science - Sustainability

ECON2000 Individual Study - 1-3 s.h.

ECON2100 Introductory Economic Data Analysis - 3 s.h.

An introduction to economic data and statistical techniques commonly applied in business settings. Topics include understanding the basics of data interpretation, manipulation, and visualization. Students will learn how to carry out and interpret basic linear regression and other methods of statistical analysis in Excel.

ECON3000 Individual Study - 1-3 s.h.

ECON3130 Investment Analysis (also BUAD3130) - 3 s.h.

A study of the fundamental principles underlying the analysis of investments. Prerequisites: ACCT2320, BUAD3120, BUAD2380, and ECON1320. +This course is only offered every other year.

ECON3200 Public Finance - 3 s.h.

An examination of the taxation policies and expenditure programs of the public sector. Related topics include public goods, income distribution, and public choice theory. Prerequisite: ECON1320. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace. Offered odd years Spring. +This course is only offered every other year.

ECON3220 Economics of Sports - 3 s.h.

An application of economic theory to the business of sports. Areas include labor economics, public finance, and the theory of the firm. Prerequisite: ECON1320 and either two MATH courses or MATH1360.

ECON3280 Economic Development (also GEOG3280) - 3 s.h.

A survey of various analytic approaches to the problem of economic development in Asia, Africa, and Latin America, and an examination of their significant policy problems. ELO5 Social Science - Innovation

ECON3320 Money and Banking - 3 s.h.

A study of monetary institutions, monetary theory and policy implications, and the principles of our banking system. Prerequisite: ECON1320. +This course is only offered every other year.

ECON3350 Intermediate Microeconomic Theory - 3 s.h.

A study of contemporary consumption, production, pricing resource allocation, and distribution theory. Prerequisite: ECON1320.

ECON3360 Intermediate Macroeconomic Theory - 3 s.h.

A study of national income determination theory and stabilization policies. Prerequisite: ECON1320.

ECON3440 International Economics - 3 s.h.

Theories of international trade, foreign exchange markets, resource movements and international economic policies. Prerequisite: ECON1300. ELO4 Global Learning - World

Citizenship, ELO4 Global Learning - Equality and Peace +This course is only offered every other year.

ECON3900 Topics in Economics - 1-3 s.h.
Study of selected topics from areas in economics such as industrial, agricultural, governmental, and historical economics. Topics are announced prior to each semester they are offered. May be repeated for credit when the topics vary.

ECON4000 Individual Study - 1-3 s.h.

ECON4110 Internship in Economics - 1-3 s.h.
An internship that allows students to work with professionals who are in career areas relating to the field of economics. The student will play an active role in identifying potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/ Fail basis.) Prerequisite: Instructor's consent.

ECON4300 Research Seminar - 3 s.h.
Students investigate theoretical and applied topics and present their findings. Prerequisites: ECON3350, ECON3360.

ECON4430 Managerial Economics - 3 s.h.
Managerial Economics is a course that explores applying economic theories and methodologies to solve business problems and make informed leadership decisions. It focuses on analyzing economic data, understanding market structures, forecasting demand and supply, and evaluating various business strategies in different economic environments.

Education (Undergraduate)

Courses Offered

EDUC1300 Introduction to Education

EDUC1410 Clinical Experience Lab

EDUC2000 Individual Study

EDUC2100 Technology Applications in Education

EDUC2120 Human Relations

EDUC2160 Early Literacy, Language Acquisition, and Collaboration

EDUC2300 Children's and Adolescent Literature in Elementary Education

EDUC2420 Teacher Education Entry Workshop

EDUC2500 Teaching PK/Elementary Physical Education, Health/Wellness, Visual and Performance Arts

EDUC3000 Individual Study

EDUC3200 Introduction to Mild/Moderate Disabilities K-12

EDUC3220 K–8 Methods and Strategies for Mild/Moderate Special Education

EDUC3230 5-12 Methods and Strategies for Mild/Moderate Special Education

EDUC3261 Transition Programming and Collaboration

EDUC3280 Middle School Practicum

EDUC3290 Early Childhood Practicum

EDUC3300 Foundations of Literacy Instruction

EDUC3310 Early Childhood Education (Pre-primary/Kindergarten)

EDUC3311 Foundations of Reading Assessment Support

EDUC3330 K-6 Reading Practicum

EDUC3340 7-12 Reading Practicum

EDUC3350 Behavior Management for Mild/Moderate Disabilities

EDUC3390 Analysis and Correction of Reading Disabilities

EDUC3450 K–6 Mild/Moderate Special Education Practicum

EDUC3470 Collaborative Consultation

EDUC3475 Social Studies Methods and Content Reading Strategies

EDUC3481 Language Arts, Reading, and Writing

EDUC3511 Science Methods for Elementary Educators

EDUC3520 General Secondary Methods and Content Reading

EDUC3530 Math Methods for Elementary Educators

EDUC3540 Elementary Education Methods Lab

EDUC3542 Secondary Education Methods Lab

EDUC3550 7–12 Mild/Moderate Special Education Practicum

EDUC3580 Education of Exceptional Child and Adult

EDUC3590 Educational Psychology

EDUC3620 Administration of Early Childhood Programs

EDUC3630 Assessment, Diagnosis, and Evaluation

EDUC3710 K-6 Elementary Education Practicum

EDUC3720 7-12 Secondary Education Practicum

EDUC3730 Combination K-6 and 7-12 Education Practicum

EDUC3800 GSOE International Field Experience

EDUC3900 Topics in Education

EDUC4000 Individual Study

EDUC4250 Professional Practice Seminar

EDUC4380 Capstone Seminar

EDUC4400 Elementary Student Teaching (K-6)

EDUC4420 Secondary Student Teaching (7-12)

EDUC4440 Early Childhood Student Teaching

EDUC4450 Combination K-6 and 7-12 Student Teaching

EDUC4460 Elementary and Mild/Moderate Student Teaching

EDUC4470 Secondary and Mild/Moderate Student Teaching

EDUC4480 Elementary and Secondary Mild/Moderate Student Teaching

Course Descriptions

EDUC1300 Introduction to Education - 3 s.h.

Emphasis is upon social, historical, and philosophical foundations of education; ethics; reflection; and professional development. Includes a series of observation and teaching activities in a variety of P-12 classroom settings monitored by licensed professional educators as well as university faculty. Students must earn a grade of C or higher in this class for admittance into Teacher Education and to enroll in junior-level education classes. (Additional background check fee required.)

EDUC1410 Clinical Experience Lab - 1 s.h.

A robust series of well-sequenced early clinical field experiences that connect to and integrate the content of EDUC1400. Students will observe and participate in teaching activities in a variety of P-12 classroom settings monitored by licensed professional educators as well as university faculty. (Graded on a Pass/Fail basis.)

EDUC2000 Individual Study - 1-3 s.h.

EDUC2100 Technology Applications in Education - 3 s.h.

A hands-on course with a focus on the effective and appropriate use of technologies commonly used in the professional world and the field of education. This includes use of office applications, developing and working with multimedia such as video, podcasts, and professional audio recording, creating web pages, using cutting edge social media communications tools for marketing and communication, and extensive use of still and video cameras, audio recording tools, smart boards and tablet technologies. ELO4 Global Learning - Innovation.

EDUC2120 Human Relations - 3 s.h.

Analysis of various societal subgroups and how such groups recognize and deal with dehumanizing biases. Students learn to relate effectively to various groups to foster understanding and respect for equity, diversity, and inclusion. Emphasis on self-awareness in human relations issues and how this awareness can be translated into positive relationships. Introduction to ethnographic analysis and pedagogical, curricular, and social considerations involved in working with and educating various societal subgroups. ELO3 Ethical Thinking and Action - Equality, ELO3 Ethical Thinking and Action - Equality and Peace, GE3E Liberal Learning-Social Sciences

EDUC2160 Early Literacy, Language Acquisition, and Collaboration - 3 s.h.

Study of the psychological, socio-cultural, and linguistic foundations of reading and writing processes and instruction. Apply knowledge of language development, reading acquisition (birth through third grade), and the variations related to culture and linguistic diversity to provide effective instruction in reading and writing. Acquire knowledge of the unique needs and backgrounds of students with language differences and delays and uses effective strategies for facilitating the learning of standard English by all learners. A study of methods and strategies for working with parents, support services personnel, regular classroom teachers, paraprofessionals, and other individuals involved in an education setting.

EDUC2300 Children's and Adolescent Literature in Elementary Education - 3 s.h.

A survey of literature for children. Prepare to use knowledge of children's literature for modeling the reading and writing of varied genres, fiction and nonfiction, technology- and media-based information, and non-print materials; for motivating through the use of texts at multiple levels, representing broad interests, and reflecting varied cultures, linguistic backgrounds, and perspectives; and for matching text complexities to the proficiencies and needs of readers. Includes a brief survey of literature for the adolescent. Does not apply toward literature for general education.

EDUC2420 Teacher Education Entry Workshop - 0.0 s.h.

Acquire information pertaining to teacher education requirements and candidate responsibilities for the program assessment system. Take the GSOE required content area pre-assessment, among other requirements for program participation. Required for all transfer students during their first semester or term at Graceland. (Additional E-Portfolio fee required. Graded on a Pass/Fail basis.)

EDUC2500 Teaching PK/Elementary Physical Education, Health/Wellness, Visual and Performance Arts - 1-3 s.h.

Development of skills and abilities related to learning physical education, health/wellness, visual and performance arts methods for teaching in the preschool and elementary classroom.

EDUC3000 Individual Study - 1-3 s.h.

EDUC3200 Introduction to Mild/Moderate Disabilities K-12 - 3 s.h.

Understand the general developmental, academic, social, career, and functional characteristics of individuals with mild and moderate disabilities. Examine educational alternatives and related services, including the role of the multidisciplinary team in studying etiologies of disabilities and providing appropriate educational programming. Prerequisites: EDUC1300. Co- or prerequisites: EDUC3580.

EDUC3220 K–8 Methods and Strategies for Mild/Moderate Special Education - 3 s.h.

Learn to facilitate instructional methodologies for elementary-level learners with exceptional needs, including learning, behavioral, emotional, mental, and language disabilities in a mild/moderate setting. Prepare to plan individual educational programs and to implement curricula for the development of cognitive, academic, language, and functional life skills. Address remedial methods and techniques, including alternative methods for teaching skills and strategies, as well as appropriate assistive technology. One semester hour of this course is a supervised field experience. Prerequisites: EDUC3200, EDUC3580.

EDUC3230 5-12 Methods and Strategies for Mild/Moderate Special Education - 3 s.h.

Learn to facilitate instructional methodologies for secondary-level learners with exceptional needs, including learning, behavior, emotional, mental, and language disabilities in a mild/moderate setting. Prepare to plan individual educational programs and to implement curricula for the development of cognitive, academic, language, and functional life skills. Address remedial methods and techniques, including alternative methods for teaching skills and strategies, as well as appropriate assistive technology. One semester hour of this course is a supervised field experience. Prerequisites: EDUC3200, EDUC3580.

EDUC3261 Transition Programming and Collaboration - 3 s.h.

An introduction to organizing and implementing career-vocational programs for secondary students with mild disabilities. A study of methods and strategies for working with parents, support services personnel, regular classroom teachers, paraprofessionals, and other individuals involved in an education setting. Prerequisites: EDUC3580

EDUC3280 Middle School Practicum - 1-2 s.h.

A two-week practicum in a middle school classroom. Prerequisites: EDUC3560. Admittance into Teacher Education required. (Graded on a Pass/Fail basis).

EDUC3290 Early Childhood Practicum - 1-2.5 s.h.

A pre-student teaching practicum of at least 100 clock hours. Work with three age levels: (1) infant and toddler, (2) preprimary, and (3) primary students in two different settings such as rural and urban, and encompassing differing socioeconomic status, ability levels, cultural and linguistic diversity and program types and sponsorship. Prerequisites: EDUC3200, EDUC3310. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3300 Foundations of Literacy Instruction - 3 s.h.

Study a range of research pertaining to reading, writing, and learning, including scientifically-based reading research, and knowledge of histories of reading. Examine major components of reading. Use a variety of assessment strategies to identify reading proficiencies and evaluating needs for planning and instruction and communicating results of assessments. Match text complexities to the proficiencies and needs of readers. Use knowledge of a range of research-based strategies and instructional technology for designing and delivering effective instruction across the curriculum, for grouping students, and for selecting materials appropriate for learners at various stages of reading and writing development and from varied cultural and linguistic backgrounds. Prerequisite EDUC1300.

EDUC3310 Early Childhood Education (Pre-primary/Kindergarten) - 3 s.h.

Focuses on the development and the implementation of integrated learning experiences for typical and atypical preprimary and kindergarten children with focus on multicultural and nonsexist content that includes, aesthetic, physical, cognitive, social and emotional development and developmentally appropriate adaptations for children at risk or have exceptional needs. Co-requisite: EDUC3620. +This course is only offered every other year.

EDUC3311 Foundations of Reading Assessment Support - 0-1 s.h.

An overview and remediation of content focused on the Science of Reading and effective reading instruction. Required of all education students that do not meet the qualifying score on the foundations of reading assessment. Prerequisite: Completion of the foundations of reading assessment. (Graded on a Pass/Fail basis)

EDUC3330 K-6 Reading Practicum - 1-3 s.h.

A three-week practicum in elementary school literacy programs for struggling students. Work with a licensed professional who observes, evaluates, and provides feedback on knowledge, dispositions, and performance of the teaching of reading and

writing. Effectively use reading and writing strategies, materials, and assessments based upon appropriate reading and writing research and work with colleagues and families in the support of reading and writing development. Pre or Corequisite: EDUC3390. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3340 7-12 Reading Practicum - 1-6 s.h.

A three-week practicum in middle or high school literacy programs for struggling students. Work with a licensed professional who observes, evaluates, and provides feedback on knowledge, dispositions, and performance of the teaching of reading and writing. Effectively use reading and writing strategies, materials, and assessments based upon appropriate reading and writing research and work with colleagues and families in the support of reading and writing development. Pre or Corequisite: EDUC3390. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3350 Behavior Management for Mild/Moderate Disabilities - 3 s.h.

Preparation in behavior management theories, methods, and techniques for K-12 students with mild/moderate learning, behavior, emotional, mental, and language disabilities. Address use of diagnostic instruments and non-aversive techniques for controlling targeted behaviors and attention deficits. Prepare to design, implement, and evaluate instructional programs that enhance an individual's social participation in family, school, and community activities.

EDUC3390 Analysis and Correction of Reading Disabilities - 3 s.h.

Use knowledge of assessment instruments, procedures, and practices for the identification of students' reading proficiencies and needs, for planning and revising instruction for all students as well as those with reading difficulties. Examine policies and procedures related to special programs, including Title I. Use knowledge of a range of research-based strategies and instructional technology for designing and delivering effective instruction and for selecting materials appropriate for learners at various stages of reading and writing development and from varied cultural and linguistic backgrounds. Prerequisites: EDUC3300.

EDUC3450 K–6 Mild/Moderate Special Education Practicum - 1-2 s.h.

A two-week practicum in Mild/Moderate Special Education Programs in elementary schools. Prerequisites: EDUC3200, EDUC3220. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3470 Collaborative Consultation - 3 s.h.

A study of methods and strategies for working with parents, support services personnel, regular classroom teachers, paraprofessionals, and other individuals involved in an education setting.

EDUC3475 Social Studies Methods and Content Reading Strategies - 3 s.h.

Best-practice, research-based instructional methods for teaching social studies in an elementary classroom including citizenship, history, geography, civic literacy, and economics. Strategies for integrating content reading strategies, technology and classroom management with social studies are incorporated. Prerequisite: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program.

EDUC3481 Language Arts, Reading, and Writing - 3 s.h.

Curriculum and strategies for instructing language arts, reading, and writing in the elementary school. Use knowledge and assessment of reading-writing-speaking connections, listening and viewing, the writing process, the stages of spelling development, writing genres and the connections between oral and written language development to effectively teach writing as communication and integrating within the content areas. Technology and classroom management as it applies to literacy methods is included. Prerequisite: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program and EDUC3300.

EDUC3511 Science Methods for Elementary Educators - 3 s.h.

An introduction to best-practice, research-based methods of inquiry-based teaching and learning of science. Curriculum and strategies introduced for instructing in the areas of physical, earth/space, and life science. Integration of content reading strategies, technology and classroom management as it applies to science methods included. Prerequisite: EDUC1300, admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program.

EDUC3520 General Secondary Methods and Content Reading - 3 s.h.

Study of theory and research related to content area reading in the secondary school. Apply techniques for evaluating textbooks, assessing achievement, improving comprehension and critical thinking, enhancing study skills, and developing vocabulary. Prerequisite: Admittance into Teacher Education, unless part of an approved Liberal Studies Program, EDUC3590.

EDUC3530 Math Methods for Elementary Educators - 3 s.h.

An introduction to best-practice, research-based methods of teaching and learning mathematical processes to include problem solving, reasoning, communication, making connections and representations to the real life experiences for student learning. Curriculum, instruction, assessment, diagnosis and evaluation strategies introduced in the areas of numbers/operations, algebra, geometry, measurement, data analysis, and probability. Integration of content reading strategies, technology and classroom management as it applies to math methods included. Prerequisites: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program. Co-requisite: EDUC3540.

EDUC3540 Elementary Education Methods Lab - 1 s.h.

Students apply curriculum planning and instructional strategies for teaching literacy and mathematics in a pre-student teaching clinical experience. Students are placed in two different grade levels to include one primary and one intermediate placement. Prerequisite: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program. Co-requisite: EDUC3530.

EDUC3542 Secondary Education Methods Lab - 1 s.h.

Students apply curriculum planning and instructional strategies within their specified content in a pre-student teaching clinical experience. Students are placed in a content specific classroom to gain experience with classroom instruction. Prerequisite: Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program. Co-requisite: EDUC3520.

EDUC3550 7–12 Mild/Moderate Special Education Practicum - 1-2 s.h.

A two-week practicum in Mild/Moderate Special Education Programs in secondary schools. Prerequisites: EDUC3200, EDUC3230. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3580 Education of Exceptional Child and Adult - 3 s.h.

Examine the philosophical, historical and legal bases for special education, including the definitions and etiologies of individuals with disabilities and exceptional learning needs. Study gifted individuals and those with exceptional needs from culturally and linguistically diverse backgrounds. Prerequisites: EDUC1300.

EDUC3590 Educational Psychology - 3 s.h.

An introduction to the theories and practices connecting psychology and education. The course addresses the social contexts of child development (0-adult), classroom culture, learning, individual differences, social-emotional learning, and their implications related to physical, emotional, and cognitive development of children and the impact on learning. Measurement strategies are introduced and provide an understanding of classroom, local, state, and national assessments. Prerequisite: EDUC1300

EDUC3620 Administration of Early Childhood Programs - 2 s.h.

Examines principles of administration, organization and operation of programs for ages 0-8 and their families, including staff and program development, supervision and evaluation of staff, and continuing improvement of programs and services. Examine legal aspects, historical, philosophical, and social foundations of early childhood education. Co-requisite: EDUC3310. +This course is only offered every other year.

EDUC3630 Assessment, Diagnosis, and Evaluation - 3 s.h.

Examine legal provisions, regulations and guidelines of assessments and use of psychometric instruments. Review and discuss classroom assessments and instructional assessment measures for students with disabilities (infant through high school age). Study a variety of instruments, procedures, and practices that range from individual, group, formal, informal, and alternative assessments. Assessments utilized for the identification of students' reading proficiencies/needs, planning and revising instruction, planning and placement decisions, and communicating results of ongoing assessment to all stakeholders. Prerequisite: EDUC1300.

EDUC3710 K-6 Elementary Education Practicum - 1-2 s.h.

A required two-week internship for Elementary Education majors. Interns with endorsements in English/Language Arts, Health, Mathematics, Science, and Social Studies have full-day placements in regular elementary classroom programs. Interns with endorsements in Art, Music and Physical Education have placements in these specialty-area classrooms. Elementary majors may substitute PHED3400. Prerequisites: admittance into Teacher Education. (Graded on a Pass/Fail basis.)

EDUC3720 7-12 Secondary Education Practicum - 1-2 s.h.

A required two-week internship for Secondary Teacher Education Program. Interns have full-day placements in secondary school subject-area programs. Pre or Corequisite: subject-area methods class or EDUC3520. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3730 Combination K-6 and 7-12 Education Practicum - 1-2 s.h.

Candidates with majors in art, music, and physical education complete two weeks of internship in art, music, or physical education. Interns have full-day placement with half of experience at the secondary level and half at the elementary level. Pre or Corequisite: subject-area methods courses or EDUC3520. Admittance into Teacher Education required. (Graded on a Pass/Fail basis.)

EDUC3800 GSOE International Field Experience - 0-1 s.h.

Graceland Teacher Education candidates will participate in an opportunity within an international or US territory school working with K-12 students for a one-week (5-school day) field experience. The Teacher Education candidates will be working one-on-one, mentoring students in the school and teaching lessons in a diverse classroom setting. In addition to working in the school, the teacher candidates will be contributing time and resources toward a service-learning project.

EDUC3900 Topics in Education - 1-3 s.h.

Content may vary and will be announced at time of offering. May be repeated for credit when topics vary. Prerequisite: EDUC1300.

EDUC4000 Individual Study - 1-3 s.h.

EDUC4250 Professional Practice Seminar - 3 s.h.

Designed for Elementary and Secondary Education teacher candidates with a focus on preparation for professional practice. The integrated study of professional ethics, legal frameworks, and pedagogical responsibilities in and out of the classroom. Emphasis on the assessment of students' diverse needs and application of effective and culturally relevant instructional and classroom management strategies. An introduction to the Model Code of Ethics for Educators and the Iowa Code of Professional Conduct and Ethics frameworks and their role in professional decision-making. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program. Enroll during the semester that precedes student teaching.

EDUC4380 Capstone Seminar - 0.0 s.h.

The seminar is designed to promote a successful transition to student teaching and to provide a forum for peer support. Topics will center on discussions and assignments that merge education program coursework knowledge and teaching practice. The seminar is also designed to assist candidates as they apply for an initial Iowa teaching license and begin the job search. (Graded on a Pass/Fail basis.)

EDUC4400 Elementary Student Teaching (K-6) - 6-14 s.h.

Elementary Education Majors complete 14 weeks of elementary student teaching in accordance with the policies in the Teacher Education Handbook. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.) * If a candidate with more than one teaching major completes 14 semester hours of student teaching for one major (or endorsements that require student teaching), an additional six semester hours of student teaching will meet the student teaching requirement for the asterisked second teaching major.

EDUC4420 Secondary Student Teaching (7-12) - 6-14 s.h.

Secondary Education Candidates complete 14 weeks of secondary student teaching in accordance with the policies in the Teacher Education Handbook. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.) * If a candidate with more than one teaching major completes 14 semester hours of student teaching for one major (or endorsements that require student teaching), an additional six semester hours of student teaching will meet the student teaching requirement for the asterisked second teaching major.

EDUC4440 Early Childhood Student Teaching - 6-14 s.h.

Elementary Education Majors complete 14 weeks of student teaching. Will include a placement with preprimary children and a placement from kindergarten to grade three. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.) * If a candidate with more than one teaching major completes 14 semester hours of student teaching for one major (or endorsements that require student teaching), an additional six semester hours of student teaching will meet the student teaching requirement for the asterisked second teaching major.

EDUC4450 Combination K-6 and 7-12 Student Teaching - 6-14 s.h.

Candidates with majors in art, music, and physical education complete 14 weeks of student teaching in art, music, or physical education. Half (7 s.h.) of the experience is secondary level and half is elementary level. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.)

EDUC4460 Elementary and Mild/Moderate Student Teaching - 6-14 s.h.

Elementary Education Majors complete 14 weeks of student teaching. Will include a mild/moderate special education setting and a mainstream elementary classroom. This course substitutes for EDUC4400. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.) ** This is the only student teaching course required for elementary majors completing the K-12 Mild/Moderate Special Education endorsement.

EDUC4470 Secondary and Mild/Moderate Student Teaching - 6-14 s.h.

Secondary Education Candidates complete 14 weeks of student teaching to include placements in a mild/moderate special education setting and a secondary subject area classroom. This course substitutes for EDUC4420. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.) ***This is the only student teaching course required for secondary majors completing the K-12 Mild/Moderate Special Education endorsement.

EDUC4480 Elementary and Secondary Mild/Moderate Student Teaching - 6-14 s.h.

Elementary Education Majors complete 14 weeks of student teaching. Will include a placement in a secondary mild/moderate special education setting and a mainstream elementary classroom. Additional fee required. Prerequisites: Senior standing, admittance into Teacher Education, and approval for student teaching. (Graded on a Pass/Fail basis.)

English

Courses Offered

ENGL1100 Composition I: Introduction to Writing

ENGL1200 Environmental Justice

ENGL2110 Composition II: Research Writing and Argumentation

ENGL2240 Studies in Genres

ENGL2350 American Ethnic Literatures

ENGL2370 World Literature

ENGL2380 Our Bondage and Our Freedom: Literature of the Americas, 1491-Present

ENGL2390 Modernity and the Modern World: Survey of British Literature and Culture

ENGL2410 Creative Writing: Poetry

ENGL2420 Creative Writing: Fiction

ENGL2510 Introduction to Film

ENGL2540 Global Eco-Cinema

ENGL2600 Gender and Sexuality

ENGL2903 Topics in Literature

ENGL3000 Individual Study

ENGL3110 Critical Theory

ENGL3240 Literatures of Social Justice

ENGL3260 American Environmental Literature

ENGL3320 Creative Writing: Nonfiction

ENGL3370 The Methods of Teaching English

ENGL3420 Language and Culture

ENGL3480 Cultural Studies

ENGL3530 Digital Filmmaking

ENGL4000 Individual Study

ENGL4300 Internship in English

ENGL4400 Practicum in Information Services (also COMM4400)

ENGL4700 Senior Capstone

Course Descriptions

ENGL1100 Composition I: Introduction to Writing - 3 s.h.

This is a writing-intensive course preparing students to become stronger, more confident writers as they develop their writing process habits and their ability to think critically about arguments around them. Students can expect to produce, deliver, and analyze college-level, written texts in addition to learning about grammar-use in context with an emphasis on meaning within the editing process. ELO1A Communication, GE1A Foundational Skills-Writing and Communication.

ENGL1200 Environmental Justice - 3 s.h.

Who is most hurt by environmental degradation and abuse, and who benefits? This course will examine what contemporary literature from the United States and around the world has to say about environmental racism, ecofeminism, and settler colonialism. We'll also think about the social construction of nature, globalization, food justice, and urban ecological issues. Our guiding question is simple: What is the role of art in the struggle for social change? This course emphasizes critical thinking, historical and socio-political contexts, and diverse aesthetics. GE3C Liberal Learning-Humanities

ENGL2110 Composition II: Research Writing and Argumentation - 3 s.h.

This is a writing-intensive course that is meant to develop students' academic research processes. Students should expect to engage in work that is framed for "public" audiences outside of the classroom and to practice collaboration in research and writing processes. As the final course of the foundational communication skills sequence, students will be encouraged to use research processes to gain an awareness of topics and conversations happening in the larger social world. Prerequisite: ENGL1100 or HONR1010 with a grade of C or higher or a transfer grade of C or higher. ELO1B Communication, GE1C Foundational Skills-Writing and Communication.

ENGL2240 Studies in Genres - 3 s.h.

This course provides an in-depth exploration of genre as a critical concept in literature and other cultural forms. Students will familiarize themselves and analyze a range of genres—

including prose, poetry, novel, short story, drama, documentary, and film—examining how they function as frameworks for storytelling, expression, and meaning-making. Employing both literary criticism and genre histories, the course will explore the historical development of genres, their conventions, and their transformation across different cultural contexts over time. Through primary texts, critical readings, and discussions, students will investigate the role and forms of genre as well as engage in genre-blurring texts and their importance for both disciplinary and cross-disciplinary thinking. GE3C Liberal Learning-Humanities

ENGL2350 American Ethnic Literatures - 3 s.h.

A survey of multi-ethnic U.S. literature, including African American literature, Latino/a literature, Asian American literature, Native American literature, and American Jewish literature. As a complement to literary texts, students will also examine a range of introductory theoretical texts in the interdisciplinary field of ethnic studies. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. ++ This course is on a four-year cycle.

ENGL2370 World Literature - 3 s.h.

Examines literary works by authors from a broad range of artistic and cultural traditions. Designed to offer students an introduction to literature as a point of access into global communities such as Western European, Middle Eastern, African, Asian, Indigenous, and Latinx. ELO5 Humanities - World Citizenship, ELO5 Humanities - Sustainability. +This course is only offered every other year.

ENGL2380 Our Bondage and Our Freedom: Literature of the Americas, 1491-Present - 3 s.h.

Survey of American Literature stretching from the advent of European colonization in the Western Hemisphere to the present. The course will pay special attention to the legacies of colonialism and slavery, the history of social movements for freedom and equality, the making (and unmaking) of U.S. national mythologies, the major formal transformations that have taken place in U.S. Literature, and the function of literature as an innovative and adaptive technology that expands human capacities. GE3C Liberal Learning-Humanities

ENGL2390 Modernity and the Modern World: Survey of British Literature and Culture - 3 s.h.

The course employs visual and literary texts to examine the various social, cultural, political, artistic, and philosophical movements from modernity to the present. By critically engaging with both colonial and postcolonial texts, the course attempts to understand the ways in which the concepts like

modernity, empire, coloniality, postcoloniality, and world-building intersect as well as shape our contemporary world. Considering the influence of modernity and the expanse of British empire, this course aims to enable students to understand their own lives as citizens of a world that has been shaped by these movements. GE3C Liberal Learning-Humanities

ENGL2410 Creative Writing: Poetry - 3 s.h.
Study of poetry writing through the lens of sustainability. Investigates the maintenance of various systems that meet human needs (e.g. emotional, physical, social, environmental) through extensive poetry writing and class discussion. Emphasis on poetry as a means of self-discovery as well as an art form. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL2420 Creative Writing: Fiction - 3 s.h.
Study of fiction writing through the lens of sustainability. Investigates the maintenance of various systems that meet human needs (e.g. emotional, physical, social, environmental) through extensive fiction writing and class discussion. Emphasis on fiction as a means of self-discovery as well as an art form. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL2510 Introduction to Film - 3 s.h.
Study of cinema as an artistic endeavor, form of rhetoric, cultural mirror, and purveyor of ideology. Introduces the fundamentals of the discipline, to include vocabulary, concepts of film production, film reception, film analysis, film interpretation, and film criticism. Exploration of the artistic, commercial, entertainment, and ideological relationships between cinema and American culture, along with practice in the film literacy skills needed to qualitatively assess and communicate cinema's artistic and cultural contributions. ELO5 Humanities - Innovation.

ENGL2540 Global Eco-Cinema - 3 s.h.
A transnational survey of films that deal with environmental issues and, more broadly, with human relationships to the nonhuman world. An examination of the impact of urbanization on rural communities, the mysterious allure of wild and uncultivated landscapes, the threat of climate change to daily life around the world, and the cinematic representation of environmental apocalypse. Explores different genres and styles, including neo-realism, eco-horror, anime, and avant-

garde cinema. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL2600 Gender and Sexuality - 3 s.h.
An exploration of issues of gender and sexuality in literature, with a focus on fiction, drama, and poetry by women and LGBT+ writers. As a complement to literary texts, students will also examine a range of introductory theoretical texts in the interdisciplinary field of gender and sexuality studies. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. ++ This course is on a four-year cycle.

ENGL2903 Topics in Literature - 3 s.h.
Special studies in Literature designed primarily for the non-English major. Content may vary and will be announced at time of offering. When content changes, course may be repeated for credit. GE3C Liberal Learning-Humanities

ENGL3000 Individual Study - 1-3 s.h.

ENGL3110 Critical Theory - 3 s.h.
Advanced study of literary, cultural, and moving image theory, and the application to written and filmic texts. GE3C Liberal Learning-Humanities +This course is only offered every other year.

ENGL3240 Literatures of Social Justice - 3 s.h.
An investigation of the role of literature as a vehicle for social change. With a focus on the literatures of emancipatory social movements, this global survey course includes a range of modern authors who merged the personal with the political. Students examine how literature and narrative forms of storytelling function as a means of engaging ethical and social concerns, and eliciting emotions in readers-from rage and defiance to observation and understanding-that might serve to promote social justice. ELO5 Humanities - Peace, ELO5 Humanities - Equality and Peace +This course is only offered every other year.

ENGL3260 American Environmental Literature - 3 s.h.
What makes a work of literature "environmental"? How have humans thought about nature throughout history, and how does that intellectual and artistic history affect us today? Can works of literature help humans prevent environmental catastrophes like climate change and species extinction? We'll seek answers to these questions as we engage with fiction, nonfiction, drama, and poetry. We'll discuss the ways that literary and cultural forms can shape who we are, what we

value, and what we imagine for the future. We'll also work to build your skills of critical reading, analytical thinking and persuasive writing, skills that will serve you in the future, in whatever environment you inhabit. ELO5 Humanities - Sustainability.

ENGL3320 Creative Writing: Nonfiction - 3 s.h.
Study of nonfiction writing through the lens of sustainability. Investigates the maintenance of various systems that meet human needs (e.g. emotional, physical, social, environmental) through extensive nonfiction writing and class discussion. Emphasis on nonfiction as a means of self-discovery as well as an art form. ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities.

ENGL3370 The Methods of Teaching English - 3 s.h.
Presents an overview of the secondary school curriculum in English and methods of teaching English including language, composition, and literature. Special emphasis on a review of teaching grammar and the development of a unit lesson plan. Required of prospective English teachers. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program. +This course is only offered every other year.

ENGL3420 Language and Culture - 3 s.h.
An introduction to languaging and grammatical structures of the English language. Emphasizes the history and development of English in different cultural communities as a means to understand, rather than prescribe, how English-speakers use language. Students will engage with cultural interpretations of linguistics as a field of study to better understand the relationship between the evolution of languages and how that evolution plays a part in social justice issues. ELO5 Humanities - Innovation, GE3C Liberal Learning-Humanities.

ENGL3480 Cultural Studies - 3 s.h.
Explores cultural systems of meaning and attendant issues of power, particularly in terms of class, gender, nation, race, nature, and sexuality. Emphasis on commercial and media culture. ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

ENGL3530 Digital Filmmaking - 3 s.h.
A hands-on introduction to digital film production and editing. Introduces the technical knowledge need to investigate the creative possibilities of composition, light, motion, color and sound in shooting digital film. Examines the fundamentals of

nonlinear editing, including continuity development, logging clips, audio tracks, and transitions. Additional fee required. Prerequisites: ENGL2510 or instructor consent. +This course is only offered every other year.

ENGL4000 Individual Study - 1-3 s.h.

ENGL4300 Internship in English - 1-3 s.h.
Off-campus practical experience in a communication related professional setting. Offers an opportunity for application of communication skills and knowledge in monitored individual learning setting related to student's academic and career interests. Pass/Fail only. Prerequisite: Permission of instructor. Repeatable to a maximum of six hours.

ENGL4400 Practicum in Information Services (also COMM4400) - 1-3 s.h.
On-campus practical experience in college relations office, admissions office, media center or alumni relations office. Offers an opportunity for study in a monitored individual learning setting. Pass/fail only. Prerequisite: Permission of instructor and permission of the appropriate college official. Repeatable to a maximum of six hours.

ENGL4700 Senior Capstone - 3 s.h.
Planning, preparing, and presenting a senior project in the student's area of concentration, with support from a faculty mentor.

English as a Second Language

Courses Offered

ENSL1000 Academic Reading for Non-Native Speakers

ENSL1300 Engaged College Reading for Non-Native Speakers

Course Descriptions

ENSL1000 Academic Reading for Non-Native Speakers - 3 s.h.
Designed for the non-native speaker of English, this course will help students to increase their academic vocabulary by combining reading, responding, and writing. Students will question, compare, and evaluate readings and employ critical reading skills to prepare them for regular college required

classes such as Discourse I (ENGL1100). Required for students with TOEFL score of 500-549 (paper test). This course cannot be used to complete a general education requirement.

ENSL1300 Engaged College Reading for Non-Native Speakers - 3 s.h.
Designed for the non-native speakers of English, this course will expand their vocabulary through reading various articles, textbook examples, online newspapers, and memoirs. They will identify purpose and tone, recognize stated and implied main idea, find and identify supporting details, identify organizational patterns and signal words, as well as question, compare and evaluate reading materials using critical reading skills. The students will use techniques to develop an essay topic with appropriate examples and logical support.

General

Courses Offered

GNRL1100 Library and Information Studies

GNRL1900 Topics

GNRL2200 Applied Communication Skills

GNRL2910 Peer Mentor Practicum

GNRL3710 Leadership Practicum

GNRL3900 Topics

Course Descriptions

GNRL1100 Library and Information Studies - 3 s.h.
A study of the many kinds of information sources available and how they may be accessed. Emphasis on teaching students to locate needed information using a variety of search and retrieval tools. Designed to better prepare students for academic research and assignments and also improve information literacy in general.

GNRL1900 Topics - 1-3 s.h.
Specific courses that may be approved by the division responsible for their implementation, subject to the approval of the Academic Council.

GNRL2200 Applied Communication Skills - 2 s.h.
Emphasis on developing skills in the areas of job interviewing, resumé writing, social and business introduction, and telephone etiquette. Practice in constructing and delivering the various kinds of speeches needed in social and business situations. Understanding the basic format and developing self-confidence are major emphasis. For Student Support Services participants only.

GNRL2910 Peer Mentor Practicum - 0-1 s.h.
A practical application of the principles and skills of effective peer mentoring. Prerequisite: Instructor's consent. This course will assist peer mentors in developing and practicing important leadership skills that are transferable to other settings. Prerequisite: Instructor's consent.

GNRL3710 Leadership Practicum - 0-3 s.h.
The practicum provides students with an opportunity to link theory and practice in the study of leadership. Students will explore a broad range of leadership topics in a weekly class; will experience those topics in real-world application; and will reflect on their experience with instructors and peers. Repeatable to a maximum of six hours. (Graded on Pass/Fail basis.) Prerequisite: Instructor's consent and permission of the appropriate university official. Students must be a House President or GSG Officer.

GNRL3900 Topics - 1-3 s.h.
Specific courses that may be approved by the division responsible for their implementation, subject to the approval of the Deans Council.

Geography

Courses Offered

GEOG2000 Individual Study

GEOG3000 Individual Study

GEOG3280 Economic Development (also ECON3280)

GEOG3900 Advanced Topics in Geography

GEOG4000 Individual Study

Course Descriptions

GEOG2000 Individual Study - 1-3 s.h.

GEOG3000 Individual Study - 1-3 s.h.

GEOG3280 Economic Development (also ECON3280) - 3 s.h.
A survey of various analytic approaches to the problem of economic development in Asia, Africa, and Latin America, and an examination of their significant policy problems. ELO5 Social Science - Innovation

GEOG3900 Advanced Topics in Geography - 3 s.h.
An in-depth study of topics from various areas of geography. Course topics to be announced prior to each semester they are offered. May be repeated for credit.

GEOG4000 Individual Study - 1-3 s.h.

Health

Courses Offered

HLTH1100 CPR and First Aid

HLTH1110 First Aid for Professional Rescuer

HLTH1220 Mental Health First Aid Training

HLTH2000 Individual Study

HLTH2200 Contemporary Issues in Health

HLTH2400 Children's Health and Development

HLTH2560 Nutrition

HLTH3000 Individual Study

HLTH3100 Drugs Education and Behavior

HLTH3120 Human Sexuality

HLTH3220 Personal and Community Health

HLTH3560 Sports Nutrition

HLTH3900 Advanced Topics in Health and Human Performance

HLTH4710 Internship in Health and Physical Education

Course Descriptions

HLTH1100 CPR and First Aid - 1 s.h.

The development of practical skills in the emergency treatment of the injured. Some attention will be given to the prevention of injuries. The content to be covered will include the Standard and Advanced levels of the First Aid program sponsored by the National Red Cross. Students holding current, equivalent certifications will receive an automatic waiver for the class. This is to be verified by the instructor of the class or the Health and Movement Science Division Chair. A grade of C or higher required to count toward the Allied Health major. Additional fee required.

HLTH1110 First Aid for Professional Rescuer - 1 s.h.

Provide the professional responder with the knowledge and skills necessary to recognize and provide care for injuries, sudden illnesses, breathing and cardiac emergencies to help sustain life, reduce pain, and minimize the consequences of injury or sudden illness until more advanced medical personnel arrive and take over. Meets emergency cardiac care (ECC) standards and includes skill in adult and pediatric CPR, airway obstruction, 2nd rescuer CPR, AED and barrier devices. Recommended for student in health-related fields. Students holding current, equivalent certifications will receive an automatic waiver for the class. This is to be verified by the instructor of the class or the Health and Movement Science Division Chair. Additional fee required.

HLTH1220 Mental Health First Aid Training - 1 s.h.

Teaches participants how to identify, understand and respond to signs of mental illnesses and substance use disorders. Focuses on the unique experiences and needs of college students and gives participants the skills needed to reach out and provide initial support to someone who may be showing signs of a mental health or substance use challenge and help connect them to the appropriate care. This course includes an optional certification for Mental Health First Aid through the National Council for Mental Wellbeing for a fee. Mental Health First Aid encourages early detection and intervention by teaching participants about the signs and symptoms of specific

illnesses like anxiety, depression, schizophrenia, bipolar disorder, eating disorders and addictions. The program offers concrete tools and answers key questions like "What can I do?" and "Where can someone find help?" Participants are introduced to local mental health resources, national organizations, support groups and online tools for mental health and addiction treatment and support. A grade of C or higher required to count toward the Allied Health major.

HLTH2000 Individual Study - 1-3 s.h.

HLTH2200 Contemporary Issues in Health - 2 s.h.
An in-depth study of nutrition, drugs, consumer health, and other areas of current concern.

HLTH2400 Children's Health and Development - 3 s.h.
Course will focus on the lifelong development of the human from infancy and continuing through adulthood. It will explore the ways of development and learning within physical, cognitive, emotional, and social health, including family environment.

HLTH2560 Nutrition - 3 s.h.
A study the principles of nutrition as it relates to health, exercise, sports and disease. Students will be presented with applied content that includes research-based guidelines meant to help students differentiate between nutrition recommendations that are backed by science and the overabundance of false and misleading information. A grade of C or higher required to count toward the Allied Health major.

HLTH3000 Individual Study - 1-3 s.h.

HLTH3100 Drugs Education and Behavior - 3 s.h.
This course will prepare the student to become an effective drug educator with emphasis on historical and current drug use and trends and its effects on society and human behavior. (Goal is for students to make positive decisions to protect their own health but also higher understanding of effects to social health/life when others use or abuse drugs.)

HLTH3120 Human Sexuality - 3 s.h.
Discussion of sexual biology, psychology, and sociocultural dimension of human sexual health and behavior. A grade of C or higher required to count toward the Allied Health major.

HLTH3220 Personal and Community Health - 3 s.h.

A foundational course designed for students to become informed about health as well as becoming responsible and active participants in the maintenance of their personal health and affecting the health of their community. The course is intended to provide coverage of health promotion, mental health, stress management, afflictions and diseases, aging, environmental health, consumerism and health care and promotion. A grade of C or higher required to count toward the Allied Health major. ELO4 Global Learning - Sustainability.

HLTH3560 Sports Nutrition - 3 s.h.

The course is designed to evaluate the study of nutrition as it specifically relates to physical activity, fitness, and sport performance. This course evaluates the evidence-based nutritional needs and use of various fuel types for a variety of physical activity. From the review of energy balance, body composition, and roles of specific nutrients, to the evaluation of nutritional claims and performance enhancing products. A grade of C or higher required to count toward the Allied Health major.

HLTH3900 Advanced Topics in Health and Human Performance - 3 s.h.

A study of selected topics in health to be announced prior to the semester when the course is offered. Probable topics to be addressed include: human diseases, environmental health, human sexuality, substance abuse, death education, aging, and etc. May be repeated for credit as topics change.

HLTH4710 Internship in Health and Physical Education - 3-6 s.h.

Laboratory internship experience providing for practical application of knowledge and theory in a professional setting. Student acquires experience in all phases of the operation with highly qualified personnel in a selected health or institutional setting. Six weeks of involvement preferably taken consecutively. Waived for student completing teacher education program.

Health and Movement Science

Courses Offered

HMSC3115 Microbiology and Related Pathophysiology (also NURS3115)

HMSC3200 Foundations of Evidence Based Practice

HMSC4320 Organizational Administration and Policy Analysis

HMSC4330 Organization and Administration for the Health Care Professional

HMSC4800 Health and Movement Science Internship

NURS3115 Microbiology and Related Pathophysiology (also HMSC3115)

Course Descriptions

HMSC3115 Microbiology and Related Pathophysiology (also NURS3115) - 5 s.h.

This course will examine common microorganisms from viruses, bacteria, fungi, and more. Students will explore the relationship to the human body from symbiosis to pathogenesis and will develop an understanding of the disease process within the body and how these conditions are treated in modern healthcare.

HMSC3200 Foundations of Evidence Based Practice - 3 s.h.

Presentation of introductory research and writing methods. Introduction to the application of evidence-based practice using various tools to evaluate the research as evidence. This class will result in a final critically appraised topic paper and poster presentation. A grade of C or higher required to count toward the Allied Health major.

HMSC4320 Organizational Administration and Policy Analysis - 3 s.h.

A study of the administrative structure in health, physical education, and athletics, and the interrelatedness of these programs to the specific needs of the community. A grade of C or higher required to count toward the Allied Health major.

HMSC4330 Organization and Administration for the Health Care Professional - 3 s.h.

Provide an understanding of concepts and applications when administering a sports medicine program. Sports medicine professionals may include, but are not limited to, athletic trainers, nurses, physical therapists, physicians, and community health professionals.

HMSC4800 Health and Movement Science Internship - 3-6 s.h.

Laboratory internship experience providing for practical application of knowledge and theory in a professional setting. Student acquires experience in all phases of the operation with highly qualified personnel in a selected agency with a focus on health, coaching, or physical education. Areas may include, health/wellness organization, medical clinic, sports information, sports management, recreation programs, facility management, and others as approved by the HMS internship coordinator. Six weeks of involvement preferably taken consecutively. Waived for student completing teacher education program. Repeatable to a maximum of six hours.

NURS3115 Microbiology and Related Pathophysiology (also HMSC3115) - 5 s.h.
This course will examine common microorganisms from viruses, bacteria, fungi, and more. Students will explore the relationship to the human body from symbiosis to pathogenesis and will develop an understanding of the disease process within the body and how these conditions are treated in modern healthcare.

History

Courses Offered

HIST1200 History of the African Diaspora

HIST1310 World Civilizations I

HIST1320 World Civilizations II

HIST1560 United States Environmental History

HIST1700 History Museum Management Internship (also HIST3700)

HIST2000 Individual Study

HIST2100 History of Terrorism (also CRMJ2100)

HIST2200 Survey of Latin American History I

HIST2210 Survey of Latin American History II

HIST2300 Women's and Gender History

HIST2340 Middle Eastern Civilization I

HIST2360 Middle Eastern Civilization II

HIST2400 Historical Inquiry

HIST2410 United States History to 1877

HIST2420 United States History Since 1877

HIST2900 Topics in History

HIST3000 Individual Study

HIST3220 History of Inequality in the United States

HIST3230 Sport in US History

HIST3240 Rights and Responsibilities in the United States (also POLS3240)

HIST3370 The United States Presidency (also POLS3370)

HIST3460 United States Foreign Relations (also POLS3460)

HIST3530 History of the Palestinian-Israeli Conflict

HIST3540 United States Military History

HIST3550 Contemporary United States History

HIST3620 The Middle Ages

HIST3640 Early Modern Europe, 1350 – 1815

HIST3660 Modern Europe, 1789 – Present

HIST3700 History Museum Management Internship (Also HIST1700)

HIST3800 History Practicum: Conference Presentation

HIST3900 Advanced Topics in History

HIST4000 Individual Study

HIST4900 Senior Seminar I (also POLS4900)

HIST4910 Senior Seminar II (also POLS4910)

Course Descriptions

HIST1200 History of the African Diaspora - 3 s.h.

A history of the people of African descent in the Americas, including the United States, as well as the Caribbean, Central and South America. Issues of survival and resistance, the persistence of racism and white supremacy, and struggles for freedom, across countries and time periods, will be stressed. ELO5 Histories - Equality, ELO5 Histories - Equality and Peace, GE3B Liberal Learning-Histories.

HIST1310 World Civilizations I - 3 s.h.

An introductory survey of selected world civilizations from earliest times to approximately 1500 A.D., combining broad chronological coverage with intensive concentration on a small number of selected topics. Those social, political, economic and intellectual themes which have a direct bearing upon contemporary culture and society will be stressed. ELO5 Histories - World Citizenship, ELO5 Histories - Sustainability

HIST1320 World Civilizations II - 3 s.h.

An introductory survey of selected world civilizations from the emergence of Western Europe as a center of world power. The impact of Western civilizations upon the development of other world civilizations and the contemporary emergence of a global perspective will be stressed. ELO5 Histories - World Citizenship, ELO5 Histories - Innovation

HIST1560 United States Environmental History - 3 s.h.

An examination of the complex relationship between human society and nature from early settlements to the present in what is now the United States. Important topics include the impact of human settlement, population growth, use of land and natural resources, the effects of industrialization, and the development of the conservation and environmental movements. ELO5 Histories - Sustainability, GE3B Liberal Learning-Histories.

HIST1700 History Museum Management Internship (also HIST3700) - 1-15 s.h.

A work-study program under the direction of the professional staff of a recognized historical collection, historical society, or historical site. This program consists of on-the-job training in various areas as determined by the student's interests and needs. Areas available for study include museum interpretation, administration, management and staffing, display, publicity, preservation and restoration methods, acquisitioning, archives, research, records management, and development and care of properties. NOTE: No more than 6 hours of the internship will be applied to the normal history and social science major requirements. The hours involved will count as resident credit.

HIST2000 Individual Study - 1-3 s.h.

HIST2100 History of Terrorism (also CRMJ2100) - 3 s.h.
A survey of the concept of terrorism, from the French Revolution to present day. Students will critically interrogate the varied meanings of the term, the use of the term to delegitimize opponents, and the problematic nature of the concept of terrorism.

HIST2200 Survey of Latin American History I - 3 s.h.
A history of the peoples of the Americas, from their arrival in the western hemisphere through the 19th century. Topics to be addressed include Native American societies and states, the encounter with Europe, the long colonial period, and struggles for political and economic independence. ELO5 Histories - World Citizenship, ELO5 Histories - Equality and Peace

HIST2210 Survey of Latin American History II - 3 s.h.
A history of the peoples of Mexico, Central America, the Caribbean, and South America, from the 19th century to the present. Topics to be addressed include struggles for political and economic independence, social movements, and the influence of North American and other outside powers. ELO5 Histories - World Citizenship, ELO5 Histories - Equality and Peace

HIST2300 Women's and Gender History - 3 s.h.
A survey of experiences of women and definitions of gender, from prehistory to the present. Topics to be considered include relative equality of men and women in prehistory, the creation and persistence of patriarchy, women's resistance to oppression and agency of women, and competing visions of women's place in modern societies.

HIST2340 Middle Eastern Civilization I
A survey of Middle Eastern civilization from the pre-Islamic Middle East to 1500 with attention to the origins and growth of Islam, the cultural and economic impact of the Islamic empire and the relationship with other regions. ELO5 Histories - Peace, ELO5 Histories - Equality and Peace. +This course is only offered every other year.

HIST2360 Middle Eastern Civilization II - 3 s.h.
A survey of the Middle East from 1500 to the present, beginning with the rise of the Ottoman and Safavid empires. Attention will be given to the growth of European interests in the Middle East and the response to that interest, as well as the making of

modern states in the Middle East. ELO5 Histories - Peace, ELO5 Histories - Equality and Peace. +This course is only offered every other year.

HIST2400 Historical Inquiry - 3 s.h.

An exploration of the nature, uses, and methodologies of historical inquiry. Designed to help students with an interest in history to better understand the discipline. Students formulate historical questions, engage in basic research, review literature, and investigate the nature of historical interpretation. Prerequisite: 9 semester hours of history courses or instructor permission.

HIST2410 United States History to 1877 - 3 s.h.

A survey of the personalities, events, and ideas which have shaped United States history from the earliest colonial settlements to the Civil War and Reconstruction. Emphasis upon the struggle for independence, the establishment of government under the Constitution, and the succeeding political, social, and economic movements that culminated in the Civil War. ELO5 Histories - Innovation

HIST2420 United States History Since 1877 - 3 s.h.

A survey of the personalities, events, and ideas that have shaped United States history since the Civil War and Reconstruction. Emphasis upon the rise of the industrial United States, 20th century adjustments to prosperity, depression and world war, and the political, social, and economic changes since World War II. ELO5 Histories - Innovation, GE3B Liberal Learning-Histories.

HIST2900 Topics in History - 1-3 s.h.

HIST3000 Individual Study - 1-3 s.h.

HIST3220 History of Inequality in the United States - 3 s.h.

This course examines the causes and consequences of social, political, and economic inequalities in modern United States history. Through the examination of primary sources, students will engage in discussion of the cultural impact that inequality has had in shaping modern US society.

HIST3230 Sport in US History - 3 s.h.

This course examines the root of sport in US history, from the colonial era to the present. Students will examine the relationship between organized sport and the social movements in the US, such as the Civil Rights Movement, Women's Rights and the Cold War.

HIST3240 Rights and Responsibilities in the United States (also POLS3240) - 3 s.h.

A study of the history of the creation and evolving interpretation of the U.S. Constitution, with emphasis on important issues decided by the Supreme Court. ELO5 Histories - Equality, ELO5 Histories - Equality and Peace. +This course is only offered every other year.

HIST3370 The United States Presidency (also POLS3370) - 3 s.h.

The evolution of the office of the President, the recruitment of Presidents, and the various functions performed by the President. +This course is only offered every other year.

HIST3460 United States Foreign Relations (also POLS3460) - 3 s.h.

A history of the interaction of the United States with the people and governments of foreign nations from 1898 to the present. Topics include US imperial ambitions, the world wars, the Cold War, and US concerns with foreign nationalist movements. ELO5 Social Science - World Citizenship, ELO5 Social Science - Equality and Peace. +This course is only offered every other year.

HIST3530 History of the Palestinian-Israeli Conflict - 3 s.h.

A history of one of the world's most intractable conflicts; examines the origins of this conflict; the concept of Zionism and the establishment of the State of Israel; the development of Palestinian nationalism; and outside forces-including Arab nationalism, colonialism and great power interests-that have had a major impact on the conflict.

HIST3540 United States Military History - 3 s.h.

Role and evolution of the armed forces in the United States from the Revolutionary War to the present. Emphasis on the major wars fought by the United States with an exploration of their causes and effects. Other topics will include the impact of technology and leadership on the armed forces and the relationship between the military and U.S. society.

HIST3550 Contemporary United States History - 3 s.h.

The history of the United States since 1960 emphasizing social and cultural trends. +This course is only offered every other year.

HIST3620 The Middle Ages - 3 s.h.

A thematic study of the mingling of Germanic, Roman and Christian traditions in Europe from circa 300 through 1450. Major topics will include the establishment of Papal authority,

the Crusades, Chivalry, and the Black Death, and the changes in political and religious authority throughout the period. Historical research and writing practices will be emphasized. +This course is only offered every other year.

HIST3640 Early Modern Europe, 1350 – 1815 - 3 s.h.

An advanced study of the continuity, change and revolutions in Europe in the period between 1350 and 1815. Major topics will include the Hundred Years War, the Reformation, the Scientific Revolution, the Witch Hunts, the Enlightenment, the French Revolution, and the Napoleonic Empire. Historical research and writing practices will be emphasized. +This course is only offered every other year.

HIST3660 Modern Europe, 1789 – Present - 3 s.h.

An advanced study of the national and international developments in Europe from the French Revolution to the present. Major topics will include the Industrial Revolution, the revolutions of 1848, the rise of nationalism, World Wars I and II, and de-colonization during the Cold War. Historical research and writing practices will be emphasized. +This course is only offered every other year.

HIST3700 History Museum Management Internship (Also HIST1700) - 1-15 s.h.

A work-study program under the direction of the professional staff of a recognized historical collection, historical society, or historical site. This program consists of on-the-job training in various areas as determined by the student's interests and needs. Areas available for study include museum interpretation, administration, management and staffing, display, publicity, preservation and restoration methods, acquisitioning, archives, research, records management, and development and care of properties. NOTE: No more than 6 hours of the internship will be applied to the normal history and social science major requirements. The hours involved will count as resident credit.

HIST3800 History Practicum: Conference Presentation - 1-3 s.h.

An advanced experiential course of study in which students propose, research, write and present a paper at a professional or student conference. Students will gain a detailed understanding of a particular topic in history as well as the process of abstract submissions, preparation of a paper of appropriate structure and length for professional acceptance, the process of presentation itself, and the following critique. Students will be encouraged to rework a paper that they have written for a previous history or political science class and earn 1 semester hour of credit. In exceptional circumstances, students

may write a new paper and earn 3 semester hours of credit. Students need not be history majors to make a request to sign up for this course, but must work closely with a history or political science faculty member in order to prepare an appropriate conference paper. Prerequisite: Instructor consent. Pass/Fail only. May be repeated for a maximum of 6 semester hours. No more than 6 hours may be applied to the history, political science, and social science major requirements. No credits earned through the Practicum may be applied to History area distribution requirements; all credits will be treated as electives. Additional fee required.

HIST3900 Advanced Topics in History - 1-3 s.h.
HIST3900 Advanced Topics in History 1-3 s.h. An in-depth study of topics selected from various areas of history such as Civil War, American West, American Constitutional History, Russian History, German History, etc. Course topics will be announced prior to each semester they are offered. May be repeated for credit.

HIST4000 Individual Study - 1-3 s.h.

HIST4900 Senior Seminar I (also POLS4900) - 1 s.h.
HIST4900 Senior Seminar I (also POLS4900) 1 s.h. Designed to help the history majors professionalize their knowledge and experience through writing a scholarly paper. History majors only. Prerequisite: Minimum grade of "C" in HIST2400 Historical Inquiry. (Graded on a Pass/Fail basis.)

HIST4910 Senior Seminar II (also POLS4910) - 3 s.h.
HIST4910 Senior Seminar II (also POLS4910) 3 s.h. The research, writing, and evaluation of the completed seminar paper. Prerequisite: HIST4900.

Honors Program

Courses Offered

ACCT-THTR4850 Honors Thesis/Senior Project

HONR1010 Honors 101

HONR2010 Honors 201

HONR2300 Intellectual Curiosity

HONR3800 Junior Honors Seminar

HONR3950 Honors Colloquium

HONR4800 Senior Honors Seminar

Course Descriptions

ACCT-THTR4850 Honors Thesis/Senior Project - 3 s.h.

A major scholarly paper or senior project planned by the honors student and executed in consultation with an approved faculty member. To count toward an honors degree, the student must receive a grade of A or B. The thesis/project will be evaluated on the basis of its originality, quality of research, and presentation. A prospectus must be approved by the Honors Council before significant work is begun. The subject of the thesis/project may be outside the student's major and may be interdisciplinary in scope. Prerequisites: Senior standing and admission to the Honors Program.

HONR1010 Honors 101 - 3 s.h.

Interdisciplinary first-year seminar provides a common intellectual experience for new Honors students and introduces them to the culture and opportunities of a small liberal arts institution. Designed to help exceptional students produce, deliver, and, analyze written and oral texts and learn how written and oral performances function together in specific discourse communities. Substitutes for ENGL1100. Admission by selection only. ELO1A Communication, GE1B Foundational Skills-Writing and Communication.

HONR2010 Honors 201 - 3 s.h.

The second of two sequenced interdisciplinary Honors seminars focused on developing the skills of written and oral communication, critical inquiry, and research. Students produce, deliver, and analyze college-level written and oral texts based on sustained academic research, and continue to develop their understanding of critical discourse analysis and critical language awareness in the context of a range of discursive forms (written, oral, visual and/or multimedia). Reinforces the common intellectual experience of the Honors program and further exposes students to the culture and opportunities of a small liberal arts institution. Admission by selection only. Substitutes for COMM1100. Prerequisite: HONR1010. ELO1B Communication, GE1A Foundational Skills-Writing and Communication.

HONR2300 Intellectual Curiosity - 3 s.h.

Student-driven course designed to explore and develop the unique skill of curiosity. Students who are intellectually curious ask big question, explore diverse topics, and value learning for its own sake, always seeking to understand how and why things are the way they are. Also a predictor of academic success, curiosity is an important trait that employers seek, since exploring alternatives and being adaptable best prepares someone for a rapidly changing world.

HONR3800 Junior Honors Seminar - 3 s.h.
A series of weekly discussions of topics selected by seminar participants for a broad cross section of intellectual disciplines. Each participant is required to prepare specified readings in advance of weekly sessions and to share in planning and conducting discussions. Offered in the fall semester only. Prerequisites: Admission to the Honors Program and junior or senior standing.

HONR3950 Honors Colloquium - 1-3 s.h.
Opportunity for a small group of advanced students to pursue in-depth study of an area or topic of interest. Will be offered on demand when faculty are available. May be repeated for credit as topics change. Graded on a Pass/Fail basis. Prerequisite: Admission to the Honors Program.

HONR4800 Senior Honors Seminar - 3 s.h.
A series of weekly discussions of topics selected by seminar participants for a broad cross section of intellectual disciplines. Each participant is required to prepare specified readings in advance of weekly sessions and to share in planning and conducting discussions. Offered in the fall semester only. Prerequisites: Admission to the Honors Program and junior or senior standing.

Interdisciplinary

In addition to Graceland's graduation requirements, our Interdisciplinary Studies program consists of a concentrated area of study and a general studies concentration.

Courses Offered

INTD1000 Transition

INTD1010 College Investigations

INTD1020 Reading and Learning Strategies for College: Pathways to Student Success

INTD1110 Steps to Success: Year 1

INTD1120 Steps to Success: Year 2

INTD1130 Steps to Success: Year 2

INTD1140 Steps to Success: Year 3

INTD1150 Steps to Success: Year 3

INTD1160 Steps to Success: Year 4

INTD1200 Introduction to International Studies (also GEOG/POLS1200)

INTD1300 Sexuality: The Human Experience

INTD1900 Topics

INTD2000 Individual Study

INTD2300 Humanities I: Ways of Seeing

INTD3000 Individual Study

INTD3200 Exploration of Third World Cultures

INTD3900 Topics

INTD4000 Individual Study

INTD4200 Study Abroad Retrospective

INTD4700 Interdisciplinary Studies Capstone

INTD4710 Social Change Capstone

Course Descriptions

INTD1000 Transition - 1 s.h.

A required course designed to provide additional support to non-native speakers of English and non-North American international students transitioning into university life during their first semester in the USA. This course serves as an extended orientation that will help students integrate into campus life and navigate through cultural adjustment while learning about the USA/State/Local/Graceland cultures and procedures. Course may be taken with instructor consent for students that are not required to take the course.

INTD1010 College Investigations - 1 s.h.
The course investigates the impact of economic class on individuals and communities, hidden rules and resources, college orientation, and theories of change. The course is designed to help students use conceptual frameworks to analyze abstract and ill-defined issues, as is expected for educational and work/life success.

INTD1020 Reading and Learning Strategies for College: Pathways to Student Success - 2 s.h.
The focus of this course is on the development and application of college-level reading and study skills necessary for college success, personal success strategies, and the use of campus resources that enhance individual student achievement. Because this is a graded course, a student's efforts will directly impact his or her GPA.

INTD1110 Steps to Success: Year 1 - 1 s.h.
Learning about and adjusting to GU. TRIO Scholars will develop the knowledge, skills, and support systems essential for academic, social, emotional, professional and financial success at the second-semester, freshman level. This is the first course in the series, and will be provided during the spring semester of the freshman year. If this course places a student above 18 semester hours, the overload fee will be waived.

INTD1120 Steps to Success: Year 2 - 1 s.h.
Learning about and adjusting to GU. TRIO Scholars will develop the knowledge, skills, and support systems essential for academic, social, emotional, professional and financial success at the first-semester, sophomore level. This is the second course in the series, and will be provided during the fall semester of the sophomore year. If this course places a student above 18 semester hours, the overload fee will be waived.

INTD1130 Steps to Success: Year 2 - 1 s.h.
Learning about and adjusting to GU. TRIO Scholars will develop the knowledge, skills, and support systems essential for academic, social, emotional, professional and financial success at the second-semester, sophomore level. This is the third course in the series, and will be provided during the spring semester of the sophomore year. If this course places a student above 18 semester hours, the overload fee will be waived.

INTD1140 Steps to Success: Year 3 - 1 s.h.
Learning about and adjusting to GU. TRIO Scholars will develop the knowledge, skills, and support systems essential for academic, social, emotional, professional and financial success at the first-semester, junior level. This is the fourth course in the

series, and will be provided during the fall semester of the junior year. If this course places a student above 18 semester hours, the overload fee will be waived.

INTD1150 Steps to Success: Year 3 - 1 s.h.
Learning about and adjusting to GU. TRIO Scholars will develop the knowledge, skills, and support systems essential for academic, social, emotional, professional and financial success at the second-semester, junior level. This is the fifth course in the series and will be provided during the spring semester of the junior year. If this course places a student above 18 semester hours, the overload fee will be waived.

INTD1160 Steps to Success: Year 4 - 1 s.h.
Learning about and adjusting to GU. TRIO Scholars will develop the knowledge, skills, and support systems essential for academic, social, emotional, professional and financial success at the first-semester, senior level. This is the sixth course in the series, and will be provided during the fall semester of the senior year. If this course places a student above 18 semester hours, the overload fee will be waived.

INTD1200 Introduction to International Studies (also GEOG/POLS1200) - 3 s.h.
An overview of the major disciplines represented in the International Studies major. This course will also offer an introduction to contemporary global concerns through a study of current political, economic, and social issues. Discussion of important global issues will lead to a more critical analysis of news and an awareness of the responsibilities of national and international citizenship. ELO4 Global Learning - World Citizenship

INTD1300 Sexuality: The Human Experience - 3 s.h.
Designed to expand students' awareness of themselves as sexual beings and to examine such topics as anatomy, psychology, behavior, and ethics as they relate to human sexuality in a value-oriented environment.

INTD1900 Topics - 1-3 s.h.
Specific courses that may be approved by the division responsible for their implementation, subject to the approval of the Deans Council.

INTD2000 Individual Study - 1-3 s.h.

INTD2300 Humanities I: Ways of Seeing - 3 s.h.
An interdisciplinary foundation course in the shared and unique approaches to human experience of the visual artist, musician, creative writer, and philosopher. Course content

draws freely on major cultural landmarks from each discipline.

INTD3000 Individual Study - 1-3 s.h.

INTD3200 Exploration of Third World Cultures - 3 s.h.
Focus will be on the political, socio-economic, geographical, health, and cultural determinants of life circumstances of people living in third world countries. Literature of specific cultures will be studied for insights into cultural beliefs and behaviors that are at variance with student's culture. Resource persons with extensive experience in third world countries will be available for class interactions. Preparation requirements for travel abroad will be discussed. Offered in Independence, Missouri.

INTD3900 Topics - 1-3 s.h.
Specific courses that may be approved by the division responsible for their implementation, subject to the approval of the Deans Council.

INTD4000 Individual Study - 1-3 s.h.

INTD4200 Study Abroad Retrospective - 1 s.h.
An evaluation and analysis of intercultural experience and its implications within a framework of current theory, concepts, and methods in the field of intercultural communication. This course is designed to immediately follow the International Studies major's residence abroad and must be successfully completed no later than one year from the student's return from study abroad. (Graded on a Pass/Fail basis.) Prerequisite: COMM2110 and Instructor's consent.

INTD4700 Interdisciplinary Studies Capstone - 3 s.h.
The Interdisciplinary Studies Capstone serves as the culminating academic experience for students in the Interdisciplinary Studies major. In this course, students synthesize learning from two of their three designated topic areas, integrating knowledge, theory, and methodology under the mentorship of faculty representing both disciplines. The capstone is a letter-graded arranged course. Students are responsible for securing faculty members who agree to serve as capstone instructors of record. Students may complete the capstone through one of the following options, developed in consultation with their instructors, 1) Research Paper or 2) Applied or Creative Project. A completed and fully approved Interdisciplinary Studies capstone proposal form will be required prior to registration.

INTD4710 Social Change Capstone - 3 s.h.

Capstone project designed to allow students to synthesize knowledge across their social change major through the production of an original work (research paper, creative project, etc.). Must be developed under the supervision of a social change advisor. Students who are completing more than one major may elect to complete this requirement by approaching another major's capstone project through a social change lens. A social change contract to be filled out by the student, the student's social change advisor, and the faculty teaching the capstone in the aforementioned major is required for this option.

Leadership

Courses Offered

LEAD1300 Self-Leadership

LEAD2300 Group Leadership

LEAD3300 Organizational Leadership

LEAD4300 Leadership Capstone

Course Descriptions

LEAD1300 Self-Leadership - 3 s.h.
Exposes new students to the broad opportunities of the institution; and integrates new students into the life of the institution. Students will explore, apply, and reflect upon themes centering around communication, organization, collaboration, listening, and self-awareness. Students will understand the opportunity to engage in co-curricular circles, develop inside-and-outside-the-classroom identity, recognize leadership styles, and continue reflection of self-growth and leadership development.

LEAD2300 Group Leadership - 3 s.h.
Integrates personal life and leadership skills into the group setting while introducing additional complementary topics such as: stages of group development, extrinsic/intrinsic motivation, emotional intelligence, inclusivity, trust, group dynamics, conflict resolution, group roles, and integrity. Students will understand the roles of Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship in group leadership.

LEAD3300 Organizational Leadership - 3 s.h.
Applies leadership skills beyond individuals and groups to the organizational level. Students will explore social intelligence, conflict management and resolution, bias assessment, information collection, and evidence assessment. Students will enroll in, complete, and reflect upon assigned SkillPath Leadership courses. Students will apply Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship in organizational leadership.

LEAD4300 Leadership Capstone - 3 s.h.
The capstone course of the LEAD series at Graceland University is an integrated and applied experience mentored by acknowledged leaders at the university or by external educational, business, or health care mentors outside the university. Students will apply and share with the university their holistic development as a student over their time at Graceland University including their development both inside and outside the classroom to build confidence in the leadership skills they have developed for their futures via a portfolio addressing these applied and reflective topics.

Mathematics

Courses Offered

MATH1200 Mathematics for Liberal Arts

MATH1280 College Algebra

MATH1310 Mathematical Concepts

MATH1360 Statistics for Critical Thinking

MATH1370 Statistics for Sciences

MATH1500 Applied Calculus

MATH1510 Calculus I

MATH1520 Calculus II

MATH1900 Elementary Topics in Mathematics

MATH2000 Individual Study

MATH2350 Discrete Mathematics

MATH2510 Calculus III

MATH3000 Individual Study

MATH3300 Differential Equations

MATH3320 Modern Geometry

MATH3330 Abstract Algebra

MATH3340 Linear Algebra

MATH3360 Methods of Teaching Science and Mathematics (also SCIE3360)

MATH3460 Real Analysis

MATH3710 MATH3710 Internship in Data Science (also CSIT3710)

MATH3900 Advanced Topics in Mathematics

MATH4000 MATH4000 Individual Study

MATH4350 Probability and Advanced Statistics

MATH4900 Advanced Topics in Mathematics

Course Descriptions

MATH1200 Mathematics for Liberal Arts - 3 s.h.

An overview of selected applications of mathematics for non-majors. Graph theory, cryptography, and voting theory. ELO6 Math

MATH1280 College Algebra - 3 s.h.

Solutions of polynomial, rational and radical equations, systems of equations, matrices, sequences, series, functions, exponentials.. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1310 Mathematical Concepts - 3 s.h.

A systematic development of whole number systems, geometry, set theory, counting, measurement, and algebra.. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1360 Statistics for Critical Thinking - 3 s.h.

A critical thinking approach to data analysis, measures of central tendency, dispersion, correlation, probability, estimation and hypothesis testing. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1370 Statistics for Sciences - 3 s.h.

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. ANOVA. Introduction to nonparametric techniques. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1500 Applied Calculus - 3 s.h.

An introduction to differential and integral calculus. Topics include limits, continuity, differentiation and integration techniques, and applications. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1510 Calculus I - 4 s.h.

Limits, continuity, differentiation, and applications including exponential, logarithmic, trigonometric, and inverse functions. Mean value theorem, curve sketching, Riemann sums, and the fundamental theorem of calculus. Prerequisite: 2 years high school algebra. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1520 Calculus II - 4 s.h.

Integration techniques and applications, polar coordinates, improper integrals, sequences and series of real numbers, and power series. Prerequisite: MATH1510.

MATH1900 Elementary Topics in Mathematics - 1-3 s.h.

A study of selected elementary topics in mathematics that are not offered in the regular curriculum. May be repeated for credit when topics are different.

MATH2000 Individual Study - 1-3 s.h.

MATH2350 Discrete Mathematics - 3 s.h.

A survey of topics in discrete mathematics focusing on introductory logic, methods of mathematical proof, set theory, determinants and matrices, combinatorics, and graph theory. Prerequisite: Instructor approval for non-CSIT/MATH majors, 2 years high school algebra or MATH1280. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH2510 Calculus III - 4 s.h.

Conic sections, vectors in space, functions of several variables, partial differentiation, multiple integration, line integrals, and Green's Theorem. Prerequisite: MATH1520.

MATH3000 Individual Study - 1-3 s.h.

MATH3300 Differential Equations - 3 s.h.
Methods of solving first order differential equations and linear second order differential equations, power series solutions, Laplace transforms, Fourier series, and boundary value problems. Prerequisite: MATH2510. +This course is only offered every other year.

MATH3320 Modern Geometry - 3 s.h.
Foundations of Euclidean and non-Euclidean geometries. Prerequisite: MATH1510 and MATH2350 or consent of instructor. +This course is only offered every other year.

MATH3330 Abstract Algebra - 3 s.h.
Axiomatic algebra, groups, rings, fields. Prerequisite: MATH1510 and MATH2350. +This course is only offered every other year.

MATH3340 Linear Algebra - 3 s.h.
Matrices, vector spaces, linear transformations. Prerequisite: MATH1510 and MATH2350. +This course is only offered every other year.

MATH3360 Methods of Teaching Science and Mathematics (also SCIE3360) - 3 s.h.
A study of the objectives, methods, techniques, materials, and activities related to teaching science and mathematics in the secondary schools. Prerequisite: 20 hours in science or mathematics and Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program.

MATH3460 Real Analysis - 3 s.h.
A theoretical study of functions of a real variable with emphasis on definitions and proofs. Prerequisite: MATH1520 and MATH2350. +This course is only offered every other year.

MATH3710 MATH3710 Internship in Data Science (also CSIT3710) - 3 s.h.
Application of data science skills and methods to client projects. Students will interact with clients and prepare formal reports and presentations. (Graded on Pass/ Fail basis.) Prerequisite: Instructor's consent.

MATH3900 Advanced Topics in Mathematics - 1-3 s.h.

A study of selected advanced topics in mathematics which is not offered in the regular curriculum. May be repeated for credit when topics are different.

MATH4000 MATH4000 Individual Study - 1-3 s.h.

MATH4350 Probability and Advanced Statistics - 3 s.h.
Introduction to probability, classical probability models and processes, random variables, conditional probability, bivariate distributions and their development, goodness of fit tests, and other nonparametric methods. +This course is only offered every other year. Prerequisite: MATH1510 and MATH2350.

MATH4900 Advanced Topics in Mathematics - 1-3 s.h.
A study of selected advanced topics in mathematics which is not offered in the regular curriculum. May be repeated for credit when topics are different.

Music

Courses Offered

MUSC1140 Chamber Singers

MUSC1150 Music Theory I

MUSC1160 Music Theory II

MUSC1230 Aural Skills I

MUSC1300 Concert Choir

MUSC1310 Graceland Harmonium

MUSC1400 The Graceland Orchestra

MUSC1430 Choral Diction and Literature

MUSC1500 Yellowjacket Drumline

MUSC1510 Applied Keyboard: Organ

MUSC1530 Applied Keyboard: Piano

MUSC1600 Jazz Ensembles

MUSC1610 Applied Instruments: Brass

MUSC1630 Applied Instruments: Percussion

MUSC1650 Applied Instruments: Strings

MUSC1670 Applied Instruments: Woodwinds

MUSC1700 Symphonic Band

MUSC1750 Applied Voice

MUSC1800 Chamber Ensemble Performance

MUSC2120 Piano Class for Proficiency

MUSC2140 Aural Skills II

MUSC2150 Music Theory III

MUSC2160 Music Theory IV

MUSC2200 Music History I: Antiquity to Baroque

MUSC2340 Conducting I

MUSC2350 Musics of the World

MUSC2360 Jazz History

MUSC2400 Music History II: Classical to Present Day

MUSC3110 Advanced Graceland Harmonium

MUSC3130 Advanced Chamber Ensemble Performance

MUSC3140 Advanced Chamber Singers

MUSC3150 Advanced Graceland Choir

MUSC3160 Advanced Graceland Orchestra

MUSC3170 Advanced Yellowjacket Drumline

MUSC3180 Advanced Jazz Ensemble

MUSC3190 Advanced Symphonic Band

MUSC3210 Music Technology

MUSC3230 Orchestration and Arranging

MUSC3240 Conducting II

MUSC3290 Woodwind Methods and Pedagogy

MUSC3310 Brass Methods and Pedagogy

MUSC3320 Percussion Methods and Pedagogy

MUSC3340 Music, Social Justice, and Activism

MUSC3360 Music in the Secondary School

MUSC3390 Music in the Elementary School

MUSC3400 Vocal Methods and Pedagogy

MUSC3510 Advanced Applied Keyboard: Organ

MUSC3530 Advanced Applied Keyboard: Piano

MUSC3610 Advanced Applied Instruments: Brass

MUSC3630 Advanced Applied Instruments: Percussion

MUSC3650 Advanced Applied Instruments: Strings

MUSC3670 Advanced Applied Instruments: Woodwinds

MUSC3750 Advanced Applied Voice

MUSC4000 Individual Study

Course Descriptions

MUSC1140 Chamber Singers - 0-1 s.h.

Vocal chamber ensemble of sixteen to twenty-four singers selected on the basis of voice quality, musicianship, blend, and sight-singing ability. Chamber Singers form on and off campus. Consent of instructor required.

MUSC1150 Music Theory I - 3 s.h.

Encompasses the study of intervals, scales, and triads combined with sight singing and dictation of the same elements, as well as rhythmic dictation.

MUSC1160 Music Theory II - 3 s.h.

Continuation of Music Theory I. Study of diatonic chords in major and minor keys, principles of voice leading and part writing, harmonic progressions, and cadences. Continued sight singing of tonal music and modal melodies, identification and dictation of intervals, melodies, rhythms, chords, and harmonic

progressions. Dictation of up to two voices. Prerequisite: MUSC1150 Fundamental Musicianship I with a grade of C or higher.

MUSC1230 Aural Skills I - 1 s.h.

Aural Skills I focuses on beginning study of sight singing, rhythmic performance, dictation (melodic, harmonic, rhythmic), and related skills, all designed to develop the student's musical ear to the highest degree possible. This course is intended to be taken concurrently with Music Theory I. In the case of transfer students, an aural proficiency exam will be administered to determine placement.

MUSC1300 Concert Choir - 0-1 s.h.

Graceland's largest choir offers students from all majors the opportunity to express themselves through secular and sacred choral music. Members are expected to participate on a leadership level. Concert Choir performs both on and off campus. May be repeated for credit. Please contact the Director of Choral Activities for a placement hearing.

MUSC1310 Graceland Harmonium - 0-1 s.h.

The Graceland Harmonium is the elite choral ensemble on campus, limited to a maximum of 20 members. Focus on learning and performing advanced repertoire, including those not traditionally performed in university choirs, with attention to advanced vocal technique and skills. Genres included (but not limited to): Classical, pop, jazz, gospel, a cappella, and Broadway. Audition and instructor consent required. May be repeated for credit.

MUSC1400 The Graceland Orchestra - 0-1 s.h.

The Graceland Orchestra offers students from all majors the opportunity to express themselves through the study, preparation, and performance of a wide range of orchestral literature. Performances on and off campus. Consent of instructor required.

MUSC1430 Choral Diction and Literature - 3 s.h.

This course provides an introduction to the basics of the International Phonetic Alphabet, which will be used as an aid to learn accurate pronunciation for singing and vocal performance in foreign languages.

MUSC1500 Yellowjacket Drumline - 0-1 s.h.

The Yellowjacket Drumline offers students from all majors the opportunity to study and perform standard contemporary percussion literature. Students will perform at selected athletic & recruitment events as determined by the course syllabus. Consent of instructor required.

MUSC1510 Applied Keyboard: Organ - 1-2 s.h.
Individual instruction (private lessons) with emphasis on developing skills, improving technique, and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1530 Applied Keyboard: Piano - 1-2 s.h.
Individual instruction (private lessons) with emphasis on developing skills, improving technique, and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1600 Jazz Ensembles - 0-1 s.h.
The Graceland Jazz Ensemble offers students from all majors the opportunity to express themselves through the study and preparation of standard jazz band literature. Repertoire for the GU Jazz Band is chosen from high quality jazz 'tunes' spanning a diverse range of styles/genres including Swing, Big Band, Latin, Funk, Be-Bop, Cool, and Ballads. The Jazz Band performs at least two concerts each semester. Consent of instructor required.

MUSC1610 Applied Instruments: Brass - 1-2 s.h.
Individual instruction (private lessons) with emphasis on developing skills, improving technique and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1630 Applied Instruments: Percussion - 1-2 s.h.
Individual instruction (private lessons) with emphasis on developing skills, improving technique and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1650 Applied Instruments: Strings - 1-2 s.h.
Individual instruction (private lessons) with emphasis on developing skills, improving technique and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1670 Applied Instruments: Woodwinds - 1-2 s.h.
Individual instruction (private lessons) with emphasis on developing skills, improving technique and learning repertoire. May be repeated for credit. (Applied music fee.)

MUSC1700 Symphonic Band - 0-1 s.h.
The Graceland Symphonic Band offers students from all majors the opportunity to express themselves through the study and preparation of standard and contemporary band literature. The repertoire is chosen from a diverse selection of high quality wind band and chamber wind masterworks by well-known composers. The Symphonic Band performs two concerts per semester. Consent of instructor required.

MUSC1750 Applied Voice - 1-2 s.h.

Individual instruction (private lessons) in vocal technique, performance, and repertoire. Emphasizes the study of English, American, and Italian art songs and arias. Vocal seminar is required. May be repeated for credit. (Applied music fee.)

MUSC1800 Chamber Ensemble Performance - 0-1 s.h.
The study and performance of music through participation in a small ensemble. Regularly scheduled rehearsals and public performance. (Will not count as an ensemble for music majors). May be repeated. Consent of Instructor required.

MUSC2120 Piano Class for Proficiency - 1 s.h.
Designed to aid students who need further study to pass the piano proficiency requirement. May be repeated for credit. Additional fee required. Prerequisites: Music major status and consent of instructor.

MUSC2140 Aural Skills II - 1 s.h.
Aural Skills II is the second semester study of sight singing, rhythmic performance, dictation (melodic, harmonic, rhythmic), and related skills, all designed to develop the student's musical ear to the highest degree possible. This course is intended to be taken concurrently with Music Theory II. Pre-requisite: Students wishing to take Aural Skills II must have passed Aural Skills I with a grade of "C" or higher, in addition to Music Theory I with a grade "C" or higher. In the case of transfer students, an aural proficiency exam will be administered to determine placement.

MUSC2150 Music Theory III - 3 s.h.
Continuation of Music Theory II. Study of seventh chords, non-chord tones, mode mixture, and Neapolitan chords, augmented sixth chords, and borrowed chords. Continued sight singing and dictation to complement theoretical concepts presented. Intermediate ear training and sight reading, as well as intermediate identification and dictation of harmonic intervals, melodies, modes, rhythms, chords, and harmonic progressions. Prerequisite: MUSC1160 Music Theory I with a grade of C or higher.

MUSC2160 Music Theory IV - 3 s.h.
Continuation of Music Theory III. Study of extended tonal harmony, as well as serialism and other post tonal styles. Advanced sight reading of tonal and atonal melodies. Advanced identification and dictation of rhythms and melodies of up to four voices, seventh chords, inversions, and harmonic progressions. Prerequisite: MUSC2150 Fundamental Musicianship III with a grade of C or higher.

MUSC2200 Music History I: Antiquity to Baroque - 3 s.h.

Detailed examination of music from the beginnings of Western Civilization through the conclusion of the Baroque period. Emphasis is placed on the listening and study of musical examples. +This course is only offered every other year.

MUSC2340 Conducting I - 3 s.h.

Study of conducting patterns and fundamental techniques including entrance, release, cue, dynamics, and tempo change. Prerequisite: MUSC1160 Music Theory II with a grade of C or better. +This course is only offered every other year.

MUSC2350 Musics of the World - 3 s.h.

Explores the musical history of the planet's diverse human communities. Music is not one universal language but a group of languages that express, shape and record human experience. An intensive study of how music works within the social and cultural context including a specific examination of indigenous music of West Africa, Latin America, China, Indonesia, and Japan. ELO5 Arts - World Citizenship, ELO5 Arts - Equality and Peace, GE3E Liberal Learning-Arts.

MUSC2360 Jazz History - 3 s.h.

Introduction to various jazz styles and performers through the listening, discussion, and lecture of important and representative musical works from each of these periods. A significant focus will be on the relationship between the music, style, and social and economic fabric. ELO5 Arts - Innovation.

MUSC2400 Music History II: Classical to Present Day - 3 s.h.

Study of music from the Classical period through the present day, with attention to the evolution of styles and forms during these eras. Emphasis is placed on listening to examples of the music studied. +This course is only offered every other year.

MUSC3110 Advanced Graceland Harmonium - 0-1 s.h.

The Graceland Harmonium is the elite choral ensemble on campus, limited to a maximum of 20 members. Focus on learning and performing advanced repertoire, including those not traditionally performed in university choirs, with attention to advanced vocal technique and skills. Genres included (but not limited to): Classical, pop, jazz, gospel, a cappella/glee, and Broadway. Members are expected to participate on a leadership level. Audition and instructor consent required. Requires two semesters of MUSC 1310 (Graceland Harmonium) AND Junior standing. May be repeated for credit. Co-Requisite: either MUSC 1300 or MUSC 3110

MUSC3130 Advanced Chamber Ensemble Performance - 0-1 s.h.
Participation on a leadership level in a small ensemble. (Will not count as an ensemble for music majors). May be repeated for credit. Consent of instructor required.

MUSC3140 Advanced Chamber Singers - 0-1 s.h.
Vocal chamber ensemble of sixteen to twenty-four singers selected on the basis of voice quality, musicianship, blend, and sight-singing ability. Members are expected to participate on a leadership level. Chamber Singers perform on and off campus. Consent of instructor required.

MUSC3150 Advanced Graceland Choir - 0-1 s.h.
Graceland's largest choir offers students from all majors the opportunity to express themselves through secular and sacred choral music. Members are expected to participate on a leadership level. Concert Choir performs both on and off campus. May be repeated for credit. Requires three semesters of MUSC 1300 (Concert Choir) AND Junior standing. Please contact the Director of Choral Activities for a placement hearing.

MUSC3160 Advanced Graceland Orchestra - 0-1 s.h.
Study, preparation, and performance of a wide range of orchestral literature. Performances on and off campus. Consent of instructor required.

MUSC3170 Advanced Yellowjacket Drumline - 0-1 s.h.
The Yellowjacket Drumline offers students from all majors the opportunity to study and perform standard contemporary percussion literature. Students will perform at selected athletic & recruitment events as determined by the course syllabus. Consent of instructor required.

MUSC3180 Advanced Jazz Ensemble - 0-1 s.h.
The Graceland Jazz Ensemble offers students from all majors the opportunity to express themselves through the study and preparation of standard jazz band literature. Participation is on a leadership level. Repertoire for the GU Jazz Band is chosen from high quality jazz ‘tunes' spanning a diverse range of styles/genres including Swing, Big Band, Latin, Funk, Be-Bop, Cool, and Ballads. The Jazz Band performs at least two concerts each semester. Consent of instructor required.

MUSC3190 Advanced Symphonic Band - 0-1 s.h.
The Graceland Symphonic Band offers students from all majors the opportunity to express themselves through the study and preparation of standard and contemporary band literature. Participation is on a leadership level. The repertoire is chosen

from a diverse selection of high quality wind band and chamber wind masterworks by well-known composers. The Symphonic Band performs two concerts per semester. Consent of instructor required.

MUSC3210 Music Technology - 3 s.h.

An in-depth, practical examination of contemporary approaches to creating and editing music using both hardware and computer software for live and digital environments. Topics include designing sound via MIDI sequencing/virtual instruments, music notation software, the history of the music recording industry, and creating for various media including soundtracks, sound/character effects, and video games. Prerequisite: PART1100 Performing Arts Stagecraft & Technology

MUSC3230 Orchestration and Arranging - 3 s.h.

This course covers the anatomy & physiology of musical ensembles, both instrumental and vocal. The primary goals of this course are (1) to provide students with a fundamental understanding of orchestral, wind, and vocal ensembles and how they are structured, (2) to teach students how to compose and arrange music for various ensembles, and (3) to give students tools to study and understand scores for both large and small ensembles. By studying and analyzing important pieces of musical literature from the 18th century to the present and applied practice in both composing original works and arranging pieces for different ensemble settings, this course will help students prepare for careers as conductors, professional players, and/or composers and arrangers. Prerequisites: MUSC1160 Music Theory II

MUSC3240 Conducting II - 3 s.h.

Continuation and application of Conducting I skills with one-half emphasis on choral conducting applications and one-half emphasis on instrumental conducting applications. Prerequisite: MUSC2340 Conducting I with a grade of C or better. +This course is only offered every other year.

MUSC3290 Woodwind Methods and Pedagogy - 2 s.h.

For music education students. Methods of teaching woodwind instruments and development of a minimal playing proficiency on each. Survey of materials for both private and class instruction. +This course is only offered every other year.

MUSC3310 Brass Methods and Pedagogy - 2 s.h.

For music education students. Methods of teaching brass instruments and development of a minimal playing proficiency on each. Survey of materials for both private and class instruction. +This course is only offered every other year.

MUSC3320 Percussion Methods and Pedagogy - 2 s.h.

For music education students. Methods of teaching percussion instruments and development of a minimal playing proficiency on each. Survey of materials for both private and class instruction. +This course is only offered every other year.

MUSC3340 Music, Social Justice, and Activism - 3 s.h.

Music has long been used by movements seeking social change. This course will focus on how music has historically been used for social justice, activism, and reform both within the United States and worldwide. Additionally, it will foster critical discussion and reflection on a wide range of artistic activism and applied research. What is musical activism? What kind of social responsibilities do music researchers have? Can music be used to bring about social justice? This course will focus discussion on the sounds and sentiments of social activism in the public sphere and the value and challenge of cultural advocacy in civil society. GE3A Liberal Learning-Arts.

MUSC3360 Music in the Secondary School - 3 s.h.

Organization of junior and senior high school instrumental and choral classes including methods, materials, and program building. Several class sessions emphasize the subjects of a general music curriculum for the general student or nonperformer. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program, a grade of C or higher in MUSC2340 Conducting I and MUSC3240 Conducting II. +This course is only offered every other year.

MUSC3390 Music in the Elementary School - 3 s.h.

To provide the music major with the necessary knowledge, methods, and skills to build and administer an effective general music program in grades K-6. In addition to the fundamental learnings of the elementary classroom teacher, there is exploration of dominant trends in music teaching, current learning theories, and measurement and evaluation. Survey of materials, observation, and teaching of actual music classes in the elementary schools. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program. +This course is only offered every other year.

MUSC3400 Vocal Methods and Pedagogy - 3 s.h.

Basic principles and practical methods underlying the teaching of singing and the mechanism of the vocal instrument which can be applied to both one-on-one teaching (singing lessons, vocal coaching) and group situations (choral music, class voice).

MUSC3510 Advanced Applied Keyboard: Organ - 1-2 s.h.

For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3530 Advanced Applied Keyboard: Piano - 1-2 s.h.

For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3610 Advanced Applied Instruments: Brass - 1-2 s.h.

For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3630 Advanced Applied Instruments: Percussion - 1-2 s.h.

For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3650 Advanced Applied Instruments: Strings - 1-2 s.h.

For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3670 Advanced Applied Instruments: Woodwinds - 1-2 s.h.

For students who have had four semesters of lower division applied music study on the specific instrument. May be repeated for credit. (Applied music fee.)

MUSC3750 Advanced Applied Voice - 1-2 s.h.

Advanced individual instruction (private lessons) in vocal technique, performance, and repertoire. Emphasizes the study of arias and art songs in a variety of languages. For students who have had four semesters of MUSC1750. Vocal seminar required. May be repeated for credit. (Applied music fee.)

MUSC4000 Individual Study - 1-3 s.h.

Nursing (Undergraduate)

Courses Offered

NURS1100 Exploring the Nursing Profession

NURS2000 Individual Study

NURS2420 Introduction to Nursing

NURS2460 Health Assessment

NURS2470 Informatics for Health Care

NURS3000 Individual Study

NURS3010 Transcultural Health Experience

NURS3110 Health Assessment for the Practicing Nurse

NURS3120 Fundamentals of Health Care

NURS3160 Evidence Based Practice

NURS3170 Evidence Based Practice for Practicing Nurse

NURS3430 Pathophysiology and Related Pharmacology

NURS3440 Pathophysiology

NURS3451 Pharmacology I

NURS3452 Pharmacology II

NURS3460 Professionalism in Nursing

NURS3900 Topics in Nursing

NURS4000 Individual Study

NURS4280 Global Health and Policy Issues

NURS4420 Current Issues in Healthcare

NURS4480 Trends and Issues

Course Descriptions

NURS1100 Exploring the Nursing Profession - 1 s.h.

In this course, students pursuing a major in nursing will explore roles in the nursing profession, integration of pre-requisite coursework into nursing, and develop a personalized success plan to become a registered nurse.

NURS2000 Individual Study - 1-3 s.h.

NURS2420 Introduction to Nursing - 3 s.h.
Introduces the roles and responsibilities of professional nursing. Introduces students to the historical, economic, political and legal/ethical trends in nursing. Introduces concepts necessary for scholarly writing using APA formatting.

NURS2460 Health Assessment - 4 s.h.
Focuses on learning foundational assessment skills. Systematic holistic nursing process approach to health history and physical examination for the purpose of differentiating normal from abnormal states of health and critical assessment of client needs. Application of concepts are facilitated in the laboratory experience. (For on campus BSN-RN students only.)
Prerequisite: NURS2010.

NURS2470 Informatics for Health Care - 2 s.h.
An introduction to the basic concepts and skills associated with the use of technology as it relates to nursing and electronic healthcare systems. The content will provide a conceptual foundation and hands-on exposure to the use of information management in nursing which is necessary in providing quality patient care.

NURS3000 Individual Study - 1-3 s.h.

NURS3010 Transcultural Health Experience - 3 s.h.
The focus of this course is to provide the student with tools to improve the health status of a vulnerable population. Students will apply transcultural concepts and principles of global health at the local, national, or international level. Depending on the specific area the student is working in, experiences may include individual and small group teaching, primary care support services, promotion of hygiene principles with modifications to the local culture, community assessment and interventions, or intensive language acquisition. An international multi-day and/or overnight experience may be required.

NURS3110 Health Assessment for the Practicing Nurse - 3 s.h.
Focuses on expanding assessment skills in current professional role. Systematic holistic nursing process approach to health history and physical examination for the purpose of differentiating normal from abnormal states of health and

critical assessment of client needs in acute care and community settings. Application of concepts are facilitated in the virtual learning environment. (For online RN-BSN students only.)

NURS3120 Fundamentals of Health Care - 4 s.h.

Introduction to basic concepts and psychomotor skills necessary to provide therapeutic interventions for individual clients. Laboratory and clinical experience provided. Prerequisites: NURS2420, 2460, 2470.

NURS3160 Evidence Based Practice - 2 s.h.

Study of the evidence-based practice research process to develop informed consumers of nursing research. Exploration of the application of the research evidence to the health care environment. Prerequisites: BSN-RN students only, NURS3120, 3270, 3440, 3451.

NURS3170 Evidence Based Practice for Practicing Nurse - 3 s.h.

Study of the evidence-based practice research process to develop informed consumers of nursing research. Exploration of the application of the research evidence to the health care environment. Prerequisites: RN-BSN students only, NURS3120, 3270, 3440, 3451.

NURS3430 Pathophysiology and Related Pharmacology - 3 s.h.

Study of the concepts and altered processes of organs, cells, and biochemical functions of systems related to homeostasis, neural control and integration. Related pharmacology with application of principles to nursing practice will be integrated throughout.

NURS3440 Pathophysiology - 3 s.h.

Study of the concepts and altered processes of organs, cells, and biochemical functions of the systems related to homeostasis, neural control and integration. Prerequisites: NURS2420, 2460, 2470.

NURS3451 Pharmacology I - 3 s.h.

Introduces students to the principles of pharmacology and their application to nursing. Emphasizes drug classifications of pharmacological agents, their actions, side effects, uses and nursing responsibilities regarding administration and basic calculations of medication administration for all routes of administration. Prerequisites: NURS2420, 2460, 2470.

NURS3452 Pharmacology II - 2 s.h.

Continues investigation of pharmacology with specific medications that are seen in the clinical setting from the various drug classifications and medications used in advanced adult health settings. Drug calculations include those for the critical care setting and those using the intravenous route.

NURS3460 Professionalism in Nursing - 3 s.h.
A transitional course to prepare the RN student for entry into baccalaureate nursing and continuing socialization into the profession. Exploration of major curricular and historical concepts. Prerequisite: Nursing major with junior standing.

NURS3900 Topics in Nursing - 1-3 s.h.
An in-depth study of a specific, timely topic in nursing. May be repeated for credit when the topic varies.

NURS4000 Individual Study - 1-3 s.h.

NURS4280 Global Health and Policy Issues - 3 s.h.
The course focuses on an analysis of the forces shaping our community and global health patterns. Drawing on multidisciplinary sources, this course explores the impact of these global processes as they manifest in the health of our own and other societies. Emphasis is placed on analysis of the broad cultural, environmental, social-economic, and political systems that contribute to health status and outcomes, health policies, and health care delivery around the world.

NURS4420 Current Issues in Healthcare - 2 s.h.
Continuing exploration of current health care issues facing the nursing profession using a critical thinking process designed to move the RN student into the professional baccalaureate role for practice in the 21st century. Prerequisites: Nursing major with senior standing and NURS3460.

NURS4480 Trends and Issues - 2 s.h.
Examines the social, cultural, political, legal, economic, and ethical issues that surround the practice of professional nursing. Explores the concepts that prepare the graduate for entry into the professional role. Prerequisites: NURS3160, 3250, 3260, 4340.

Nursing (Graduate)

see Graduate Catalog (https://www.graceland.edu/academics/academic-catalogs/graduate-catalog-home/)

Organizational Leadership

Courses Offered

ORGL3100 Skills in Organizational Leadership

ORGL3200 Concepts and Theories of Leadership

ORGL4100 Ethical Leadership in a Global Society

Course Descriptions

ORGL3100 Skills in Organizational Leadership - 3 s.h.

Emphasis on being a change agent in the organization; diagnosis, solution, and monitoring of system-wide change issues; developing the workforce by building effective teams and monitoring career development. Anticipation of change, overcoming resistance; intervention and negotiation strategies, and effective communication. Includes a focus on development as a systematic, continuing process designed to improve an organization and its employees' ability to deal with change.

ORGL3200 Concepts and Theories of Leadership - 3 s.h.

Promotes leadership development through the study of leadership theory and concepts and encourages the practical application of leadership at all levels. Includes historical approaches to leadership and focuses on important contemporary leadership perspectives such as Situational Leadership, Transformational Leadership, Servant Leadership and Principle-Centered Leadership. Through an examination of leadership theory, individual research, self-assessments and reflection as well as case studies, students will create a personal leadership assessment and development plan.

ORGL4100 Ethical Leadership in a Global Society - 3 s.h.

Emphasis on dealing with leadership issues and challenges in a global context, taking into account factors such as social mores, norms, folkways, traditions, legal systems, religions, customs, business and cultural contexts, and government influence. Dealing with ethical issues in an organization considering the social, traditional, and legal aspects. Understanding and avoiding pressures of ethnocentrism, situational ethics, and other leadership challenges in a poly-cultural and

multinational work environment. A work/study project, done in a work environment, or a significant research paper on a timely organizational leadership topic will be required. Goal 3E.

Peace Studies

Courses Offered

PEAC2200 Introduction to Peace Studies (also POLS2200)

PEAC3210 Conflict Management and Dialogue (Also COMM/SOCI3210)

Course Descriptions

PEAC2200 Introduction to Peace Studies (also POLS2200) - 3 s.h.
Introduces the field of peace studies with a survey of the historical and philosophical bases for peacemaking, patterns of conflict resolution, nonviolence, history of peace movements, world order models, alternative futures, positive peace, and career options. ELO5 Histories - Peace, ELO5 Histories - Equality and Peace

PEAC3210 Conflict Management and Dialogue (Also COMM/SOCI3210) - 3 s.h.
An examination of conflict theories and approaches, negotiation process, conflict ethics, and third party mediation. In this class, students will become familiar with the causes of conflict as well as ways strategies and tactics used in conflict management. Further, this class will explore the foundational theoretical concepts and models of dialogue in the context of conflict management. +This course is only offered every other year.

Performing Arts

Courses Offered

PART1100 Performing Arts Stagecraft and Technology

PART2000 Individual Study

PART2100 Fundamentals of Dramatic Media Design

PART2400 Career Planning and Professional Development

PART2500 Performing Arts Practicum

PART3000 Individual Study

PART3100 Principles of Performing Arts Business and Entrepreneurship

PART3200 Page to Stage: Design in Theatre, Film, and New Media

PART3400 Advanced Career Planning and Professional Development

PART3700 Performing Arts Internship

PART3900 Topics in Performing Arts

PART4400 Senior Capstone

PART4500 Advanced Performing Arts Practicum

Course Descriptions

PART1100 Performing Arts Stagecraft and Technology - 3 s.h.

A study of the fundamental elements, practices, and techniques used in scenic construction, lighting, audio production, and music technology in the performing arts industry. Investigation of how all the technical areas work together in different performance spaces.

PART2000 Individual Study - 1-3 s.h.

PART2100 Fundamentals of Dramatic Media Design - 3 s.h.

An interdisciplinary course that explores the vital role of design in bringing narratives to life across various mediums. Students will examine how set, costume, light, and sound designs contribute to storytelling in theatre, film, and new media platforms. Through practical workshops, lectures, and collaborative projects, participants will engage in the creative process, learning to interpret a variety of scripts and conceptualize visual narratives while considering the unique challenges and opportunities each medium presents.

Emphasizing critical thinking and innovation, this course aims to equip students with the skills to create immersive experiences that resonate with audiences in a rapidly evolving artistic landscape.

PART2400 Career Planning and Professional Development - 0-2 s.h.

This course is designed to equip students with the essential skills and knowledge needed to navigate and succeed in the competitive performing arts industry. Through a combination of practical workshops, guest lectures from industry professionals, and personalized mentoring, students will explore various career paths, networking strategies, and the art of self-promotion. Students will engage in peer-critiqued presentations and performances that prepare them for real-world scenarios, fostering both artistic and entrepreneurial growth. Reading, analysis, and discussion of modern critical theory pertaining to music, theatre, design, and performance. Required attendance at all Performing Arts events. Restricted to Performing Arts majors with Freshman/Sophomore standing. Repeated each semester of degree study (2 credits total. (Graded on a Pass/Fail basis.)

PART2500 Performing Arts Practicum - 0-2 s.h.

Participation in a Performing Arts production in one of the following areas: performance, directing, stage management, technical production, or design. Students must contribute a minimum of 35 clock hours of activity, which shall be exclusive of assignments and activities pertaining to other courses. Restricted to Performing Arts majors with Freshman/Sophomore standing. Alternatively, students may opt to take one of the following classes to fulfill this course requirement: MUSC 1120 (Yellowjacket Drumline), MUSC1140 (Chamber Singers), MUSC1300 (Concert Choir), MUSC1310 (Graceland Harmonium), MUSC1600 (Jazz Ensemble), MUSC1700 (Symphonic Band), or MUSC1800 (Chamber Ensemble Performance). Total credits accumulated in this course plus PART4500 may not exceed eight.

PART3000 Individual Study - 1-3 s.h.

PART3100 Principles of Performing Arts Business and Entrepreneurship - 3 s.h.

A broad, yet intensive, study of best practices and resources essential to the development of and participation in arts-focused businesses. Students will engage with many elements of the performing arts industry including copyright, publishing, and distribution; artist management; trade groups and unions;

and business practices for stage, screen, and new media. Aspects of this course will draw from the personal and professional experiences of industry professionals.

PART3200 Page to Stage: Design in Theatre, Film, and New Media - 3 s.h.

An interdisciplinary course that explores the vital role of design in bringing narratives to life across various mediums. Students will examine how set, costume, light, and sound designs contribute to storytelling in theatre, film, and new media platforms. Through practical workshops, lectures, and collaborative projects, participants will engage in the creative process, learning to interpret a variety of scripts and conceptualize visual narratives while considering the unique challenges and opportunities each medium presents. Emphasizing critical thinking and innovation, this course aims to equip students with the skills to create immersive experiences that resonate with audiences in a rapidly evolving artistic landscape.

PART3400 Advanced Career Planning and Professional Development - 0-2 s.h.

This course is designed to equip students with the essential skills and knowledge needed to navigate and succeed in the competitive performing arts industry. Through a combination of practical workshops, guest lectures from industry professionals, and personalized mentoring, students will explore various career paths, networking strategies, and the art of self-promotion. Students will engage in peer-critiqued presentations and performances that prepare them for real-world scenarios, fostering both artistic and entrepreneurial growth. Reading, analysis, and discussion of modern critical theory pertaining to music, theatre, design, and performance. Required attendance at all Performing Arts events. Restricted to Performing Arts majors with Junior/Senior standing. Repeated each semester of degree study (2 credits total.) (Graded on a Pass/Fail basis.)

PART3700 Performing Arts Internship - 1-3 s.h.

This course offers students the opportunity to gain professional experience in various facets of the performing arts industry, including theater, dance, music, and production. Students will collaborate with professionals, network within the field, and receive guidance on career development while reflecting on their experiences in relation to their academic studies. This course aims to bridge the gap between classroom learning and real-world application, preparing students for successful careers in the vibrant and dynamic performing arts landscape. Students will consult with their instructor in researching and

obtaining internships related to their area of concentration. May be repeated for credit up to 6 s.h. (Graded on a Pass/Fail basis.) Prerequisite: Performing Arts major.

PART3900 Topics in Performing Arts - 2-3 s.h.
Advanced study of a selected area in the performing arts: performance, design, technology, history, management, dramaturgy, theory, trends, etc. May be repeated for credit.

PART4400 Senior Capstone - 1-3 s.h.
Students enrolled in this course will complete their senior project, recital, or performance that best aligns with their chosen concentration, including a thesis paper that demonstrates their process, results, and post-mortem. Students choosing a recital option must pass a pre-recital jury before the Performing Arts faculty one month prior to the scheduled senior recital. Project focus/recital literature subject to faculty approval. Restricted to Performing Arts majors with Senior status who have successfully passed PART2400 and PART3400 (Career Planning and Professional Development).

PART4500 Advanced Performing Arts Practicum - 0-2 s.h.
Participation in a Performing Arts production in one of the following areas: performance, directing, stage management, technical production, or design. Students must contribute a minimum of 35 clock hours of activity, which shall be exclusive of assignments and activities pertaining to other courses. Students enrolled in Advanced Practicum are expected to hold leadership positions in Performing Arts productions. Restricted to Performing Arts majors with Junior/Senior standing. Alternatively, students may opt to take one of the following classes to fulfill this course requirement: MUSC 3120 (Adv.

Philosophy

Courses Offered

PHIL1100 The Philosophy of Death and Dying

PHIL1120 Basic Ethics (also RELG1120)

PHIL2260 The Ethics of Technology

PHIL2300 Basic Issues in Philosophy

PHIL2410 Reason and Religion

PHIL2440 Social Dimensions of Equality

PHIL2520 Medical Ethics

PHIL2900 Topics in Philosophy

PHIL3000 Individual Study

PHIL3100 World Philosophies & Religion: Great Texts (also RELG3100)

PHIL3900 Topics in Philosophy

PHIL4000 Individual Study

Course Descriptions

PHIL1100 The Philosophy of Death and Dying - 3 s.h.

An exploration of philosophical issues related to death and dying. Examines the ethical scope of end-of-life decisions, obligations toward the dead and dying, and appropriate attitudes toward death, including evaluating the possibility of an afterlife. Offered even year springs. ELO3 Ethical Thinking and Action - Innovation. +This course is only offered every other year.

PHIL1120 Basic Ethics (also RELG1120) - 3 s.h.

Introduction to basic ways of thinking and acting ethically. Examines basic ethical theories, both religious and philosophical, but focuses on practical, daily application of sound values and ethical consciousness.

PHIL2260 The Ethics of Technology - 3 s.h.

This course introduces the ethical concerns and considerations inherent in modern technology. Focused on key ethical principles (human dignity, goodness, justice, truth, and freedom), the course considers the impact of technology on the human condition. The application of Kant's Categorical Imperative and the precepts of Utilitarianism will be explored, compared, and contrasted. The course fosters a deeper understanding of the ways in which technology, broadly defined, profoundly affects the individual, the society, and the culture.

PHIL2300 Basic Issues in Philosophy - 3 s.h.

An introduction to some of the traditional theories of knowledge, reality, and value, and an interpretation of their relevance to the modern world.

PHIL2410 Reason and Religion - 3 s.h.
An examination of issues at the intersection of philosophy and religion. Involves assessment of the rationality of religious and areligious belief, the relationship between morality and religion, and ethical interactions within and among religious traditions. Offered odd year falls. ELO3 Ethical Thinking and Action - Peace, ELO3 Ethical Thinking and Action - Equality and Peace. +This course is only offered every other year.

PHIL2440 Social Dimensions of Equality - 3 s.h.
An examination of different conceptions of ethical social relationships and ethical behavior. Considers varying accounts of theories of value and right action with critical analysis of systemic and social influences on individual and collective interactions. ELO3 Ethical Thinking and Action - Equality, ELO3 Ethical Thinking and Action - Equality and Peace.

PHIL2520 Medical Ethics - 3 s.h.
An exploration of contemporary ethical issues in modern medicine. The course will begin with an introduction to ethical theories and principles, and then apply these to specific problems in health care.

PHIL2900 Topics in Philosophy - 1-3 s.h.

PHIL3000 Individual Study - 1-3 s.h.

PHIL3100 World Philosophies & Religion: Great Texts (also RELG3100) - 3 s.h.
A reading of great texts in world philosophies and religions; E.g., The Qur'an (Islam), The Upanishads and The Bhagavad Gita (Hinduism), The Dhammapada (Buddhism), The Analects of Confucius and Tao Te Ching (Confucianism), the Bible, and other works by important religious/philosophical thinkers, old and new.

PHIL3900 Topics in Philosophy - 3 s.h.
Selected in-depth topics in philosophy. Will deal with perennial problems of epistemology, ontology, cosmology, ethics, and values. Course may be repeated for credit when topics change.

PHIL4000 Individual Study - 1-3 s.h.

Physical Education

Courses Offered

HMSC4160 Corrective Exercise

PHED0140 Beginning and Intermediate Swimming

PHED0270 Golf

PHED0430 Beginning Tennis

PHED0450 Beginning Volleyball

PHED0480 Advanced Swimming

PHED0490 Relaxation and Stress Management

PHED0510 Cheerleading

PHED0530 Gadets

PHED0560 Archery and Table Tennis

PHED0570 Personal Activity

PHED0590 Beginning Basketball

PHED0750 Intercollegiate Basketball (Men)

PHED0760 Intercollegiate Basketball (Women)

PHED0770 Intercollegiate Baseball

PHED0780 Intercollegiate Wrestling

PHED0790 Intercollegiate Cross Country (Men)

PHED0800 Intercollegiate Cross Country (Women)

PHED0830 Intercollegiate Football

PHED0850 Intercollegiate Golf (Men)

PHED0860 Intercollegiate Golf (Women)

PHED0880 Intercollegiate Softball

PHED0910 Intercollegiate Track (Men)

PHED0920 Intercollegiate Track (Women)

PHED0930 Intercollegiate Volleyball (Men)

PHED0940 Intercollegiate Volleyball (Women)

PHED0970 Intercollegiate Soccer (Men)

PHED0980 Intercollegiate Soccer (Women)

PHED1010 Diamond Sports

PHED1020 Racket Sports

PHED1030 Volleyball

PHED1040 Soccer

PHED1100 New Games

PHED1130 Advanced Volleyball

PHED1500 Introduction to Kinesiology

PHED2000 Individual Study

PHED2200 Sport Officiating

PHED2260 Introduction to Performance Training

PHED2380 Creative Rhythm and Movement

PHED2390 Teaching Team and Individual Sports

PHED2900 Topics in Physical Education

PHED3000 Individual Study

PHED3120 Speed, Agility and Endurance

PHED3130 Sports Psychology (also PSYC3130)

PHED3220 Motor Learning

PHED3280 The Foundations of Physical Education

PHED3333 Methods and Assessment of Teaching K-12 Health and Physical Education

PHED3340 Biomechanics

PHED3410 Theory of Coaching

PHED3420 Practicum in Coaching

PHED3430 Adaptive Physical Education

PHED3900 Topics in Physical Education

PHED4000 Individual Study

PHED4360 Physiology of Exercise

PHED4500 Performance Enhancement Programming

PHED4725 Practicum of Clinical Assessment

PHED4726 Practicum of Human Performance

PHED4730 Advanced Topics in Strength and Conditioning

PHED4750 Allied Health Capstone

Course Descriptions

HMSC4160 Corrective Exercise - 3 s.h.

A detailed view of the NASM Corrective Exercise Continuum with analysis of movement dysfunction and the principles applied to musculoskeletal function. The course examines the anatomy of full-body movement and function as it relates to activities of daily living, athletics, and exercise. Utilizing theory and practice-based approaches, the course details functional movement impairments and application of restorative theory. A grade of C or higher required to count toward the Allied Health major. Prerequisite: PHED1500, PHED2260, ATHT2500, ATHT3100.

PHED0140 Beginning and Intermediate Swimming - 1-2 s.h.

PHED0270 Golf - 1-2 s.h.

PHED0430 Beginning Tennis - 1-2 s.h.

PHED0450 Beginning Volleyball - 1-2 s.h.

PHED0480 Advanced Swimming - 1-2 s.h.

PHED0490 Relaxation and Stress Management - 1 s.h.

This course is designed to develop knowledge of and skill in basic posture enhancement and relaxation techniques, and to provide motivation for further self-improvement. A grade of C or higher required to count toward the Allied Health major.

PHED0510 Cheerleading - 0-1 s.h.

PHED0530 Gadets - 0-1 s.h.

PHED0560 Archery and Table Tennis - 1-2 s.h.

PHED0570 Personal Activity - 1-2 s.h.

PHED0590 Beginning Basketball - 1-2 s.h.

PHED0750 Intercollegiate Basketball (Men) - 0-1 s.h.

PHED0760 Intercollegiate Basketball (Women) - 0-1 s.h.

PHED0770 Intercollegiate Baseball - 0-1 s.h.

PHED0780 Intercollegiate Wrestling - 0-1 s.h.

PHED0790 Intercollegiate Cross Country (Men) - 0-1 s.h.

PHED0800 Intercollegiate Cross Country (Women) - 0-1 s.h.

PHED0830 Intercollegiate Football - 0-1 s.h.

PHED0850 Intercollegiate Golf (Men) - 0-1 s.h.

PHED0860 Intercollegiate Golf (Women) - 0-1 s.h.

PHED0880 Intercollegiate Softball - 0-1 s.h.

PHED0910 Intercollegiate Track (Men) - 0-1 s.h.

PHED0920 Intercollegiate Track (Women) - 0-1 s.h.

PHED0930 Intercollegiate Volleyball (Men) - 0-1 s.h.

PHED0940 Intercollegiate Volleyball (Women) - 0-1 s.h.

PHED0970 Intercollegiate Soccer (Men) - 0-1 s.h.

PHED0980 Intercollegiate Soccer (Women) - 0-1 s.h.

PHED1010 Diamond Sports - 1 s.h.
This course is open to any student regardless of major. The course will allow students to play wiffleball, kickball and tape ball throughout the 8-week term. Students will be graded on participation and will be expected to play during each class.

PHED1020 Racket Sports - 1 s.h.

This course is open to any student regardless of major. The course will allow students to play badminton, pickleball, and tennis throughout the 8-week term. Playing will be individual and with partners as league and tournament play. Students will be graded on participation and will be expected to play during each class.

PHED1030 Volleyball - 1 s.h.

This course is open to any student regardless of major. Course will allow students to play volleyball throughout the 8-week term. Playing will be on teams as league and tournament play. Students will be graded on participation and will be expected to play during each class.

PHED1040 Soccer - 1 s.h.

This course is open to any student regardless of major. Course will allow students to play soccer throughout the 8-week term. Playing will be small sided games as well as league and tournament play. Students will be graded on participation and will be expected to play during each class.

PHED1100 New Games - 1 s.h.

Development and participation of new games for the K-12 learner, lifelong learner, and leisure.

PHED1130 Advanced Volleyball - 1 s.h.

This course is open to any student regardless of major. The course will allow students to play volleyball during each class period, and to learn advanced volleyball techniques and strategy throughout the 8-week term. Students will be graded on participation and will be expected to play volleyball during each class.

PHED1500 Introduction to Kinesiology - 3 s.h.

This course is designed to introduce students to the musculoskeletal system and its relationship to anatomical movements in the body. Students will examine the skeletal system, muscular system, cardiovascular system, respiratory system, endocrine system, and their relationships with exercise science. A grade of C or higher required to count toward the Allied Health major.

PHED2000 Individual Study - 1-3 s.h.

PHED2200 Sport Officiating - 2 s.h.

Study of officiating various sports with emphasis placed on rules and procedures, penalties and fouls, mechanics and signals.

PHED2260 Introduction to Performance Training - 3 s.h.
Theory and application of performance training to include flexibility, core, balance, plyometric, resistance, and power training. Using an integrated approach to performance students will explore programming and periodization for sport and human performance. Prerequisite: PHED1500. A grade of C or higher required to count toward the Allied Health major.

PHED2380 Creative Rhythm and Movement - 3 s.h.
The study and understanding of movement concepts as they relate to special awareness, effort, and rhythm through movement education, dance, and educational gymnastics.

PHED2390 Teaching Team and Individual Sports - 3 s.h.
Teaching technique, analysis of skills, and principles of skill development in areas such as soccer, basketball, volleyball, softball, golf, bowling, disc golf, and racquet sports. Prerequisite: Health and Physical Education major, Elementary Education major (PE Concentration), or consent of instructor.

PHED2900 Topics in Physical Education - 1-3 s.h.
Study of selected topics in Physical Education to be announced prior to the semester when the course is offered. May be repeated for credit as topics change.

PHED3000 Individual Study - 1-3 s.h.

PHED3120 Speed, Agility and Endurance - 3 s.h.
Theory and practical application of running, jumping, directional change, stability and other related mobility skills designed to enhance on and off-the-ground performance. A grade of C or higher required to count toward the Allied Health major. Prerequisite: PHED2260.

PHED3130 Sports Psychology (also PSYC3130) - 3 s.h.
An application of the theories and principles in psychology to the athlete, the athletic environment, and to coaching practices.

PHED3220 Motor Learning - 3 s.h.
Introduction to the principles involved in learning and teaching motor skills. A grade of C or higher required to count toward the Allied Health major. Prerequisites: PHED1500.

PHED3280 The Foundations of Physical Education - 3 s.h.

An introduction to the body of knowledge encompassing the discipline of physical education and the role of the professional physical educator. The course includes the historic philosophies, biologic, anatomic, psychologic, sociologic, and anthropologic foundations of physical education and their impact on human performance and values in sport.

PHED3333 Methods and Assessment of Teaching K-12 Health and Physical Education - 4 s.h.

Methods, theory, and development of teaching competence for prospective teachers of health and physical education at K-12 levels. Implementation of assessment and evaluation techniques through classroom and practical experiences.

PHED3340 Biomechanics - 3 s.h.

A systematic study of the bones, joints, and muscles of the human body as well as internal external forces initiating and modifying movement. Prerequisite: BIOL2300 or BIOL3420 with a grade of "C" or higher. A grade of C or higher required to count toward the Allied Health major.

PHED3410 Theory of Coaching - 2 s.h.

Knowledge and understanding of the techniques and theory of coaching interscholastic athletics, including professional ethics in coaching.

PHED3420 Practicum in Coaching - 3-6 s.h.

Field experience for practical application of knowledge and theory in a professional setting. Student acquires experience in all phases of coaching with highly qualified personnel in a selected sport. (Note - no one may participate with students on a team in Iowa PK-12 schools unless they hold a coaching authorization or endorsement.) Pre-/corequisite: PHED3410 Theory of Coaching.

PHED3430 Adaptive Physical Education - 3 s.h.

Theory and techniques of adaptive, corrective and developmental activities to meet the needs of "special persons."

PHED3900 Topics in Physical Education - 1-3 s.h.

Study of selected topics in Physical Education to be announced prior to the semester when the course is offered. May be repeated for credit as topics change.

PHED4000 Individual Study - 1-3 s.h.

PHED4360 Physiology of Exercise - 3 s.h.

The principles and practices of energizing the human body for physical exercise. Prerequisite: BIOL2300 or BIOL3440 with a grade of "C" or better. A grade of C or higher required to count toward the Allied Health major.

PHED4500 Performance Enhancement Programming - 3 s.h.

Study of the variety of tools available to assess human performance. A broad range of instrumentation will be utilized. Prescriptive models will be studied and applied as a practical means of directing client performance training. A grade of C or higher required to count toward the Allied Health major. Prerequisites: PHED1500 and PHED2260 with a "C" or better.

PHED4725 Practicum of Clinical Assessment - 3 s.h.

Practicum of Clinical Assessment is designed to allow students to apply appropriate dynamic and transitional movement assessments, strength and range of motion screening, and design and apply appropriate corrective exercises to various populations. Students will continue to incorporate and master skills learned in previous core coursework. Practical experience outside the scheduled classroom will be required. Prerequisites: PHED1500, PHED2260, ATHT3100. Must pass with "C" or better.

PHED4726 Practicum of Human Performance - 3 s.h.

Practicum of Human Performance is designed to allow students to design and apply appropriate corrective exercises, and initiate fitness and performance enhancement programming for various populations. In addition, students will continue to incorporate and master skills learned in previous and concurrent coursework. Pre- or Corequisite: PHED4500. Must pass with "C" or better.

PHED4730 Advanced Topics in Strength and Conditioning - 3 s.h.

Theory and application of advanced principles in programming periodization with in depth analysis of physiological adaptations from performance training. Completion of the course will prepare students for the NSCA CSCS certification. A grade of C or higher required to count toward the Allied Health major. Prerequisite: HMSC3200.

PHED4750 Allied Health Capstone - 3-6 s.h.

The Allied Health Capstone is designed to enable students to continue to incorporate and master skills learned in previous core coursework in a practical setting(s). The clinical focus of the Allied Health Capstone will be the student's chosen career field (ex: athletic training, occupational therapy, physical therapy, chiropractic, etc.). Class time will be spent focusing on

the connection between coursework and practical application. Clinical sites will be arranged for each student prior to the beginning of the course. A grade of C or higher required to count toward the Allied Health major. Repeatable twice for credit.

Physics

Courses Offered

PHYS1410 Elements of Physics I with Lab

PHYS1420 Elements of Physics II with Lab

Course Descriptions

PHYS1410 Elements of Physics I with Lab - 4 s.h.
An elementary physics course emphasizing the fundamental concepts associated with the physical universe. Topics include Newtonian mechanics, fluids, heat thermodynamics, wave motion, and sound. Designed to meet the needs of biology majors and students preparing for the medical profession and related fields. Prerequisites: Two years high school algebra and one year geometry (plane trigonometry recommended) or one year of high school calculus or one higher-level college math course (college algebra (MATH1280) or college calculus (MATH1510)).

PHYS1420 Elements of Physics II with Lab - 4 s.h.
A continuation of PHYS1410. Topics included are electricity, magnetism, electromagnetic waves, light, relativity, quantum mechanics, and nuclear physics. Prerequisite: PHYS1410.

Political Science

Courses Offered

POLS1200 Introduction to International Studies (also INTD1200)

POLS1300 United States Government

POLS2000 Individual Study

POLS2200 Introduction to Peace Studies (also PEAC2200)

POLS2360 The Politics of Immigration

POLS2370 Politics of Latin America: Beyond Borders

POLS3000 Individual Study

POLS3240 Rights and Responsibilities in the United States (also HIST3240)

POLS3370 The United States Presidency (also HIST3370)

POLS3430 American Constitutional Law

POLS3460 United States Foreign Relations (also HIST3460)

POLS3500 Criminal Law (also CRMJ3500)

POLS3510 Criminal Procedure

POLS3800 Political Science Practicum: Conference Presentation

POLS3900 Advanced Topics in Political Science

POLS4000 Individual Study

POLS4900 Senior Seminar I (also HIST4900)

POLS4910 Senior Seminar II (also HIST4910)

Course Descriptions

POLS1200 Introduction to International Studies (also INTD1200) - 3 s.h.

An overview of the major disciplines represented in the International Studies major. This course will also offer an introduction to contemporary global concerns through a study of current political, economic, and social issues. Discussion of important global issues will lead to a more critical analysis of news and an awareness of the responsibilities of national and international citizenship. ELO4 Global Learning - World Citizenship

POLS1300 United States Government - 3 s.h.

The nature, philosophy, and history of the United States federal system with major consideration given to the national government, its organization, and the interrelation and

functions of its component parts. A consideration of the political processes and legal concepts implicit in the American government. ELO5 Social Science - Innovation.

POLS2000 Individual Study - 1-3 s.h.

POLS2200 Introduction to Peace Studies (also PEAC2200) - 3 s.h.

Introduces the field of peace studies with a survey of the historical and philosophical bases for peacemaking, patterns of conflict resolution, nonviolence, history of peace movements, world order models, alternative futures, positive peace, and career options. ELO5 Histories - Peace, ELO5 Histories - Equality and Peace

POLS2360 The Politics of Immigration - 3 s.h.

Examines immigration in an interdisciplinary way, focusing on how politics affects, obscures or exacerbates inequalities of power, wealth and safety among immigrant populations worldwide. Explores motives for migration across or within states, the means by which people migrate, and the reception immigrants receive in their destination countries. ELO4 Global Learning - Equality, ELO4 Global Learning - Equality and Peace

POLS2370 Politics of Latin America: Beyond Borders - 3 s.h.

This course examines the politics of Latin America past and present, with an emphasis upon examining inequalities of power, wealth, gender, race and origin among populations throughout Latin America. The course will explore the legacy of colonialism, the functioning of local and national government institutions, challenges posed by neoliberal globalization, and migration flows both within and outside of Latin America. The course also explores the politics of identity concerning what, in each country and across them, is defined as "Latin", "American", and other identity markers such as "Latino"/"Latina", "Hispanic", "Chicano"/"Chicana", "Mestizo"/"Mestiza", and how these intersect with other forms of inequality. ELO4 Global Learning - World Citizenship, ELO4 Global Learning - Equality and Peace.

POLS3000 Individual Study - 1-3 s.h.

POLS3240 Rights and Responsibilities in the United States (also HIST3240)

A study of the history of the creation and evolving interpretation of the U.S. Constitution, with emphasis on important issues decided by the Supreme Court. ELO5 Histories - Equality, ELO5 Histories - Equality and Peace. +This course is only offered every other year.

POLS3370 The United States Presidency (also HIST3370) - 3 s.h.

The evolution of the office of the President, the recruitment of Presidents, and the various functions performed by the President. +This course is only offered every other year.

POLS3430 American Constitutional Law - 3 s.h.

A study of the courts and the judicial process in the United States, with special emphasis on the development of the constitutional system, the interpretation of the law by the courts and effects on the American system of government, both state and national. Supreme Court cases are extensively studied. +This course is only offered every other year.

POLS3460 United States Foreign Relations (also HIST3460) - 3 s.h.

A history of the interaction of the United States with the people and governments of foreign nations from 1898 to the present. Topics include US imperial ambitions, the world wars, the Cold War, and US concerns with foreign nationalist movements. ELO5 Social Science - World Citizenship, ELO5 Social Science - Equality and Peace. +This course is only offered every other year.

POLS3500 Criminal Law (also CRMJ3500) - 3 s.h.

Survey of the history, scope, and nature of criminal law in the United States. Includes study of the legal process and rules of evidence.

POLS3510 Criminal Procedure - 3 s.h.

Through study of US Supreme Court decisions, students explore the meaning of criminal procedure, the 4th Amendment and the exclusionary rule, arrest and stop procedures, search warrants, warrantless searches, right to counsel, interrogation and confessions, identification of suspects, pretrial process and trial process. Special readings are used to teach the workings of US Supreme Court, and to examine use of expert witnesses in criminal cases, false confession issues, special issues relating to interrogation of children, problems of eyewitness identification, and comparative police line-up techniques. Students learn legal research techniques and write motion to suppress illegal search as final project.

POLS3800 Political Science Practicum: Conference Presentation - 1-3 s.h.

An advanced experiential course of study in which students propose, research, write and present a paper at a professional or student conference. Students will gain a detailed understanding of a particular topic in history as well as the

process of abstract submissions, preparation of a paper of appropriate structure and length for professional acceptance, the process of presentation itself, and the following critique. Students will be encouraged to rework a paper that they have written for a previous history or political science class and earn 1 semester hour of credit. In exceptional circumstances, students may write a new paper and earn 3 semester hours of credit. Students need not be history majors to make a request to sign up for this course, but must work closely with a history or political science faculty member in order to prepare an appropriate conference paper. Prerequisite: Instructor consent. Pass/Fail only. May be repeated for a maximum of 6 semester hours. No more than 6 hours may be applied to the history, political science, and social science major requirements. No credits earned through the Practicum may be applied to History area distribution requirements; all credits will be treated as electives.

POLS3900 Advanced Topics in Political Science - 1-3 s.h.
An in-depth study of topics from various areas of political science such as Europe, Middle East, war and peace, etc. Course topics to be announced prior to each semester they are offered. May be repeated for credit as topics change.

POLS4000 Individual Study - 1-3 s.h.

POLS4900 Senior Seminar I (also HIST4900) - 1 s.h.
Designed to help the history majors professionalize their knowledge and experience through writing a scholarly paper. History majors only. Prerequisite: Minimum grade of "C" in HIST2400 Historical Inquiry. (Graded on a Pass/Fail basis.)

POLS4910 Senior Seminar II (also HIST4910) - 3 s.h.
The research, writing, and evaluation of the completed seminar paper. Prerequisite: HIST4900.

Psychology

Courses Offered

PSYC1300 Introductory Psychology

PSYC1400 Introduction to Forensic Psychology (also CRMJ1400)

PSYC2000 Individual Study

PSYC2250 Developmental Psychology

PSYC2320 Marriage and the Family (also SOCI2320)

PSYC3000 Individual Study

PSYC3130 Sports Psychology (also PHED3130)

PSYC3300 Sensation and Perception

PSYC3310 Social Psychology

PSYC3330 Behavioral Neuroscience

PSYC3340 Personality

PSYC3370 Cross Cultural Psychology

PSYC3380 Abnormal Psychology

PSYC3390 Cognitive Psychology

PSYC3440 Psychology of the Workplace

PSYC3500 Principles of Learning

PSYC3510 Research Methods

PSYC3520 Research Methods Two

PSYC3900 Topics in Psychology

PSYC4000 Individual Study

PSYC4250 Professional Seminar

PSYC4350 History and Systems

PSYC4360 Senior Internship

PSYC4430 Theory and Practice of Counseling

Course Descriptions

PSYC1300 Introductory Psychology - 3 s.h.

An introductory survey of psychological methods and thoughts as they relate to human experience and behavior. Topics include the role of the central nervous system in mediating behavior, learning and memory, states of awareness,

motivation and emotion, personality, psychological disorders, and therapy. ELO5 Social Science – Innovation, GE3E Liberal Learning-Social Sciences.

PSYC1400 Introduction to Forensic Psychology (also CRMJ1400) - 3 s.h.

Explores the differing, yet varied facets of the field of forensic psychology including landmark legal cases relevant to psychology, potential careers in forensic psychology, police psychology, expert testimony, forensic psychological assessment, psychopathy, homeland security, ethics, correctional psychology, and issues in working in the juvenile justice system.

PSYC2000 Individual Study - 1-3 s.h.

PSYC2250 Developmental Psychology - 3 s.h.

The study of human development over the entire lifespan. Focus is on the interaction of physical, intellectual, social, and emotional aspects of development. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace, GE3E Liberal Learning-Social Sciences

PSYC2320 Marriage and the Family (also SOCI2320) - 3 s.h.

A social science approach to relationships and attraction with a focus on marriage and the family unit. Topics include dating, marital roles, parenting, and interaction patterns. Explores disruptions such as divorce and domestic violence as well as clinical and community-level interventions from a systems perspective. +This course is only offered every other year.

PSYC3000 Individual Study - 1-3 s.h.

PSYC3130 Sports Psychology (also PHED3130) - 3 s.h.

An application of the theories and principles in psychology to the athlete, the athletic environment, and to coaching practices.

PSYC3300 Sensation and Perception - 3 s.h.

Consideration of how humans receive and interpret information from their environment through receptor systems and brain mechanisms. Including theories of perception, biology of sensory and perceptual systems, and practical applications of findings from research. Prerequisite: PSYC1300 Introductory Psychology. This course is offered every other year.

PSYC3310 Social Psychology - 3 s.h.

The study of how people think, feel, and behave in social situations. Attention given to research and application to social perception, interaction, and influence. Prerequisite: PSYC1300 or SOCI1300.

PSYC3330 Behavioral Neuroscience - 3 s.h.
Examination of the biological substrates of behavior. Topics include synaptic transmission and patterns of neural activity, sleep and arousal, learning and memory, motivation, emotion, neurological diseases, traumatic brain injuries. Prerequisites: PSYC1300 and 3 additional hours of psychology. This course is offered every other year.

PSYC3340 Personality - 3 s.h.
A study of personality from dispositional, psychodynamic, humanistic, and behavioral perspectives and of the application of personality perspectives to current issues. Prerequisite: PSYC1300 and 3 additional hours of psychology.

PSYC3370 Cross Cultural Psychology - 3 s.h.
Study of psychological theories and empirical findings relating to variations in cultures. Prerequisite: PSYC1300. ELO4 Global Learning - World Citizenship, ELO4 Global Learning - Equality and Peace.

PSYC3380 Abnormal Psychology - 3 s.h.
A study of the disorders outlined in the current diagnostic statistical manual. Emphasis will be on etiology, symptoms, and methods of treatment. Prerequisite: PSYC1300.

PSYC3390 Cognitive Psychology - 3 s.h.
Research and theory in areas of cognitive psychology, including attention; memory acquisition, storage, and retrieval; language comprehension; and problem solving. Prerequisite: PSYC1300 and 3 additional hours of psychology. This course is only offered every other year.

PSYC3440 Psychology of the Workplace - 3 s.h.
Psychological theory applied to problems of work: workplace design; group behavior; labor-management relations; leadership; employee selection and retention; psychological evaluation of workers.

PSYC3500 Principles of Learning - 3 s.h.
Explores a variety of theories of learning. Considers both conceptual and applied aspects of learning. Prerequisite: PSYC1300 and 3 additional hours of psychology. This course is offered every other year.

PSYC3510 Research Methods - 3 s.h.

A survey of the principles and practices of social research, including research ethics, experimental design, surveys, in-depth interviews, content analysis, participant observation, and field studies. Students also learn to write in scientific journal style. Prerequisite: 6 additional hours of psychology, sociology, or criminal justice.

PSYC3520 Research Methods Two - 3 s.h.
Development and implementation of an original research project. Prerequisite: PSYC3510 and 6 additional hours of psychology, sociology, or criminal justice.

PSYC3900 Topics in Psychology - 1-3 s.h.
In-depth study of topics in the field of psychology. May be repeated for credit as topics vary. Prerequisite: PSYC1300.

PSYC4000 Individual Study - 1-3 s.h.

PSYC4250 Professional Seminar - 1 s.h.
Examination of professional and ethical issues, as well as careers and graduate education in psychology. Prerequisite: Senior standing and Psychology major.

PSYC4350 History and Systems - 3 s.h.
A historical analysis of systematic foundations in psychology. Includes Structuralism, Functionalism, Behaviorism, Gestalt psychology, and Psychoanalysis. Prerequisite: 6 semester hours in psychology.

PSYC4360 Senior Internship - 1-4 s.h.
Placement with external agency for application of knowledge, theory, and skills from the major in a professional setting. Pre-requisites: Psychology major, senior standing, 2.0 cumulative GPA, 3.0 GPA in the major, consent of supervising faculty. Students should enroll in 1 credit for every 50 hours that will be volunteered in the sponsor organization (with a maximum of 4 credits). Completion of the Senior Internship application with approval from agency sponsor and supervising faculty.

PSYC4430 Theory and Practice of Counseling - 3 s.h.
A course designed to explore characteristics of counselors, characteristics of clients, basic counseling techniques, and current theories of counseling. Prerequisite: PSYC1300 and 6 additional hours of psychology.

Recreation

Courses Offered

RECR1210 Theory and Practice of Leadership

RECR2000 Individual Study

RECR3000 Individual Study

RECR3500 Life and Leisure

RECR3900 Topics in Recreation

RECR4000 Individual Study

RECR4500 Practicum in Recreation

Course Descriptions

RECR1210 Theory and Practice of Leadership - 3 s.h.
Designed to help students develop creative leadership methods and techniques that can be applied to all leisure settings with a variety of groups. +This course is only offered every other year.

RECR2000 Individual Study - 1-3 s.h.

RECR3000 Individual Study - 1-3 s.h.

RECR3500 Life and Leisure - 3 s.h.
An introduction to the broad range of historic and philosophic perspectives which have shaped and continue to influence perceptions of leisure in present life settings. Students will be asked to thoroughly examine personal views in light of these perspectives with an objective of establishing a tentative base of concepts from which to operate as a leisure service professional. Prerequisite: RECR1100. +This course is only offered every other year.

RECR3900 Topics in Recreation - 1-3 s.h.
Study of selected topics in recreation, to be announced prior to the semester when the course is offered. May be repeated for credit as topics change. Prerequisite: RECR1100. +This course is only offered every other year.

RECR4000 Individual Study - 1-3 s.h.

RECR4500 Practicum in Recreation - 3-12 s.h.

Twelve hours to be taken concurrently. Laboratory field experience provides for practical application of knowledge and theory in a professional setting. Student acquires experience in all phases of leisure service delivery with highly qualified personnel in a selected agency with college faculty supervision. Repeatable to a maximum of twelve hours. Prerequisites: Approval of coordinator and RECR1100. +This course is only offered every other year.

Religion

Courses Offered

RELG1100 Faith, Love, and Thought

RELG1120 Basic Ethics

RELG1280 History of the Community of Christ (also HIST1280)

RELG1310 Tyrant or Lover? God in the Old Testament

RELG1400 Making Meaning from Suffering and Loss

RELG1700 Missional Ministry and Leadership Practicum

RELG2000 Individual Study

RELG2100 Introduction to Religion

RELG2130 Introduction to New Testament

RELG2200 Religion and Popular Culture in America

RELG2220 Religion and Social Justice

RELG2320 Introduction to Christian Theology

RELG2340 World Religions and Ecology

RELG2380 Life and Writings of Rev. Dr. Martin Luther King, Jr.

RELG2400 Science and Religion (also PHIL2400)

RELG2700 Internship in Church Leadership

RELG2900 Topics in Religion

RELG3000 Individual Study

RELG3100 World Philosophies & Religion: Great Texts (also PHILG3100)

RELG3200 Religions of the World

RELG3300 Jesus: Cultural and Historical Representations

RELG3340 World Religions and Ecology

RELG3360 Ethics of Hope

RELG3430 Restoration Scriptures

RELG3440 Process Philosophy and Theology (also PHIL3440)

RELG3450 Philosophy of Religion (also PHIL3450)

RELG3530 Theology of the Community of Christ

RELG3540 Peace and Justice in the Christian Tradition

RELG3550 Radical Community: Justice, Equity, Diversity, and Inclusion

RELG3700 Missional Ministry and Leadership Practicum

RELG3900 Topics in Religion

RELG4000 Individual Study

Course Descriptions

RELG1100 Faith, Love, and Thought - 3 s.h.

An exploration of the many rich meanings of "faith" as faithfulness, love, fidelity, integrity, courage, ultimate commitment, and openness to creative transformation, as well as the creative role of doubt in faithfulness. We will examine concepts of faith within different traditions like Christianity, Judaism, Hinduism, Buddhism, and Humanism. Attention will be given to the relationships of faithfulness, trust, hope, and love in human relationships such as marriage, parenting, and friendship.

RELG1120 Basic Ethics - 3 s.h.

Introduction to basic ways of thinking and acting ethically. Examines basic ethical theories, both religious and philosophical, but focuses on practical, daily application of sound values and ethical consciousness.

RELG1280 History of the Community of Christ (also HIST1280)

The rise of the Latter Day Saint movement, the migration to the Midwest, the disruption at Nauvoo, the development of the Reorganization and other factions, and a survey of the conditions, trends, and problems in the contemporary Community of Christ and other factions of this unique American religious movement.

RELG1310 Tyrant or Lover? God in the Old Testament - 3 s.h.

Introduces students to the Hebrew Bible, a diverse collection of writings that emerged from the faith and experience of ancient Israel and early Judaism. Themes, stories, characters, and the entire collection itself inform 3 of the world's major religions: Judaism, Christianity, and Islam. This fact makes the Hebrew Bible a sacred library with global significance. Explores the diverse literature of the Hebrew Bible in light of its genres, historical and social contexts, ethical/theological aims, and relationship to Ancient Near Eastern cultures. Of special importance is how the Hebrew Bible's images of social justice have informed and can still inspire the search for justice in the contemporary world. ELO3 Ethical Thinking and Action - World Citizenship, ELO3 Ethical Thinking and Action - Equality and Peace

RELG1400 Making Meaning from Suffering and Loss - 3 s.h.

Considers various spiritual and religious approaches to the reality of suffering in human experience. We will explore this theme through literature, poetry, music, film, and sacred texts. Using these and other resources, students will engage many of the challenges suffering poses to a meaningful life. ELO3 Ethical Thinking and Action - Peace, ELO3 Ethical Thinking and Action - Equality and Peace +This course is only offered every other year.

RELG1700 Missional Ministry and Leadership Practicum - 0-1 s.h.

This practicum is designed for freshman students interested in participating in ministry on campus at Graceland University. It provides students with an opportunity to learn the relationship between concepts and practices of missional ministry. Students will encounter a broad range of topics in weekly class settings, engage those topics in practical experiences through individual, small group, and congregational ministry, and will reflect and respond on their experience with instructors and peers. The capstone (final) event will be designed to evaluate

student learning outcomes through a missional ministry project or reflection paper. Repeatable to a maximum of 2 hours.

RELG2000 Individual Study - 1-3 s.h.

RELG2100 Introduction to Religion - 3 s.h.
An inquiry into the fundamental issues involved in an understanding of the place and meaning of religion in human experience. Course includes introduction to the world's living religions.

RELG2130 Introduction to New Testament - 3 s.h.
A study of the early Christian community and the literature that it produced. It seeks to enable the student to discern the contemporary relevance of the New Testament faith. History, literature, and theology are unified into one approach. ELO3 Ethical Thinking and Action - Peace, ELO3 Ethical Thinking and Action - Equality and Peace.

RELG2200 Religion and Popular Culture in America - 3 s.h.
RELG2200 Religion and Popular Culture in America 3 s.h. Examines religion in American popular culture. Focus on the use of contemporary media by religion and the presentation of religious motifs and themes in popular culture.

RELG2220 Religion and Social Justice - 3 s.h.
What are the stories and inspiration of those who work for social justice? Religion and Social Justice introduces students to social justice as a basic concept of Western social and political thought. Students will explore religious and ethical foundations for social justice and the role of religion that shape the imperative for social justice in a pluralistic and secularizing world. ELO3 Ethical Thinking and Action - Equality, ELO3 Ethical Thinking and Action - Equality and Peace.

RELG2320 Introduction to Christian Theology - 3 s.h.
An introductory overview of the contents of the Christian faith, including interpretations of the major symbols of that tradition for today.

RELG2340 World Religions and Ecology - 3 s.h.
An introduction to theology as it addresses and is informed by ecological concerns. How is global climate change a religious problem? What does religious faith have to do with the environment? Do religious beliefs address questions of species conservation and extinction? Students will explore beliefs regarding the natural world from the perspectives of several major world religions.

RELG2380 Life and Writings of Rev. Dr. Martin Luther King, Jr. - 3 s.h.

Examines the life and circumstances of the Rev. Dr. Martin Luther King Jr., a black Baptist preacher, scholar, and American prophet who has been whitewashed, romanticized, and misunderstood. Central themes include racism in America, the US Civil Rights Movement, black Christianity and the black church, non-violence, and MLK's vision for America. ELO3 Ethical Thinking and Action - Equality, ELO3 Ethical Thinking and Action - Equality and Peace.

RELG2400 Science and Religion (also PHIL2400)

A survey of historical and contemporary relationships between science and religion (mainly in Western culture) from ancient mythology and the pre-Socratic philosophers, through medieval scholasticism, the rise of modern science and theological responses to it, and an examination of selected contemporary perspectives. Students will also examine the nature of faith and the role of faithfulness in scientific inquiry.

RELG2700 Internship in Church Leadership - 0-6 s.h.

An internship designed to give practical experience in a field setting where ministry is taking place in the Community of Christ or related institution, and where effective church leadership skills are being modeled. The student will play an active role in identifying potential field sponsors. (Graded on a pass/fail basis.) Prerequisite: Instructor's consent.

RELG2900 Topics in Religion - 1-3 s.h.

RELG3000 Individual Study - 1-3 s.h.

RELG3100 World Philosophies & Religion: Great Texts (also PHILG3100) - 3 s.h.

A reading of great texts in world philosophies and religions; E.g., The Qur'an (Islam), The Upanishads and The Bhagavad Gita (Hinduism), The Dhammapada (Buddhism), The Analects of Confucius and Tao Te Ching (Confucianism), the Bible, and other works by important religious/philosophical thinkers, old and new.

RELG3200 Religions of the World - 3 s.h.

An introduction to the thought, practice, and history of the major religions of the world.

RELG3300 Jesus: Cultural and Historical Representations - 3 s.h.

Since shortly after Jesus' death people have told stories that interpret his significance. From canonical and non-canonical Gospels to contemporary fiction and film, the life of Jesus

continues to be re-interpreted. This course will examine representations of Jesus in literature, contemporary culture, and film.

RELG3340 World Religions and Ecology - 3 s.h.

An introduction to theology as it addresses and is informed by ecological concerns. How is global climate change a religious problem? What does religious faith have to do with the environment? Do religious beliefs address questions of species conservation and extinction? Students will explore beliefs regarding the natural world from the perspectives of several major world religions.

RELG3360 Ethics of Hope - 3 s.h.

Hope is a central construct of Western theology and thought. Ethics of hope introduces students to the intellectual tradition and spiritual resources of hope. Students will be encouraged to explore hope in their own worldview, and how application of the ethics of hope can shape individual, collective (communal and global), and professional life. ELO3 Ethical Thinking and Action - Innovation.

RELG3430 Restoration Scriptures - 3 s.h.

A study of the Book of Mormon, the Doctrine and Covenants, and Joseph Smith's "New Translation" of the Bible, considered in light of their historical setting, literary qualities, and theology.

RELG3440 Process Philosophy and Theology (also PHIL3440) - 3 s.h.

An examination of a major modern movement in Christian theology that responds to the challenges of science and human sufferings by arguing that God’s power is persuasive rather than coercive, and the supporting view of reality as a web of relationships in process. Special attention will be given to the problems of God, freedom, power, creativity and suffering, and the interpretation of process theology in terms of Christian symbols.

RELG3450 Philosophy of Religion (also PHIL3450) - 3 s.h.

This course is designed to investigate the nature of religious beliefs by applying the philosophical attitude to the practice of religion. The investigation will apply the principles of inquiry: clarity in the meaning of words and assumptions, consistency in statements about the subjects, respect for all discoverable facts that bear upon the issues under investigation, and impartiality in interpretation of pertinent facts. +This course is only offered every other year.

RELG3530 Theology of the Community of Christ - 3 s.h.

An examination of major themes and issues in Restoration thought. Particular attention will be paid to the development of theology in the Reorganization. Non-Community of Christ students will participate in this course by exploring how the basic issues addressed are related to their own religious communities.

RELG3540 Peace and Justice in the Christian Tradition - 3 s.h.

Christian theology is a centuries-long conversation about the meaning of Jesus' life and message. As theologians have interpreted their faith, they have often pondered questions of justice and peace. How can the nonviolent message of Jesus challenge cultures of oppression? Can war ever be 'just'? What insights might theological traditions offer to help critique forces that perennialize poverty? What ethical resources can Christian traditions apply to environmental degradation or the search for gender justice? This course explores such questions by focusing them through the thought of key theologians from across the centuries: e.g., Augustine of Hippo, Julian of Norwich, Dietrich Bonhoeffer, Oscar Romero, Martin Luther King, Jr., and Letty Russell. We explore how these thinkers' questions and proposals remain ethically meaningful in the contemporary World. ELO3 Ethical Thinking and Action - Peace, ELO3 Ethical Thinking and Action - Equality and Peace.

RELG3550 Radical Community: Justice, Equity, Diversity, and Inclusion - 3 s.h.

An examination of the nature and purpose of the church as an important institution in society. The study of major functions such as worship, education, outreach, and administration will be included.

RELG3700 Missional Ministry and Leadership Practicum - 0-1 s.h.

This practicum is designed for students participating in ministry on campus at Graceland University. It provides students with an opportunity to learn the relationship between concepts and practices of missional ministry. Students will encounter a broad range of topics in weekly class settings, engage those topics in practical experiences through individual, small group, and congregational ministry, and will reflect and respond on their experience with instructors and peers. The capstone (final) event will be designed to evaluate student learning outcomes through a missional ministry project or reflection paper. Repeatable to a maximum of 2 hours. Prerequisite: Sophomore standing or instructor's consent.

RELG3900 Topics in Religion - 1-3 s.h.
Study of selected topics of interest in religion, to be announced prior to the semester when the course is offered. May be repeated for credit as topics change.

RELG4000 Individual Study - 1-3 s.h.

Religion (Graduate)

see Graduate Catalog (https://www.graceland.edu/academics/academic-catalogs/graduate-catalog-home/)

Science

Courses Offered

SCIE1200 Integrated Science with Lab

SCIE2000 Individual Study

SCIE3000 Individual Study

SCIE3030 The Nature of Science

SCIE3360 Methods of Teaching Science and Mathematics (also MATH3360)

SCIE3900 Advanced Topics in Science

Course Descriptions

SCIE1200 Integrated Science with Lab - 4 s.h.
A broad overview of concepts from earth and space science (e.g., physical and historical geology, structure and processes of the hydrosphere, and astronomy), life sciences (e.g., structure and function of cells, levels of organization, genetics, evolution, classification and characteristics of the major groups of organisms, structures and functions of plant organs and systems, anatomy and physiology of animals (including human body systems), and ecology), and physical sciences (e.g., structure and properties of matter, relationships between energy and matter, chemical reactions, mechanics, electricity,

magnetism, waves, and optics). Not intended for science majors. Additional fee required. Fulfills liberal learning science course. GE3D Liberal Learning-Natural Sciences

SCIE2000 Individual Study - 1-3 s.h.

SCIE3000 Individual Study - 1-3 s.h.

SCIE3030 The Nature of Science - 3 s.h.
An overview of the history and philosophy of science and an investigation of contemporary problems, issues, and concepts in the sciences. A study of the interrelatedness of the several fields of science as well as the relation of science to other areas of scholarship. Prerequisite: Any college biological or physical science course.

SCIE3360 Methods of Teaching Science and Mathematics (also MATH3360) - 3 s.h.
A study of the objectives, methods, techniques, materials, and activities related to teaching science and mathematics in the secondary schools. Prerequisite: 20 hours in science or mathematics and Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program.

SCIE3900 Advanced Topics in Science - 3 s.h.
Designed to cover current areas of advancement in biology, chemistry, and medicine. Topics will be selected from various areas such as biotechnology, bioinformatics, genomics, molecular modeling, drug discovery and drug design, and disease pathology and therapeutic approaches (cancer, inflammatory and bone disorders, and AIDS). The course will consist of lectures, discussions, and journal article reviews/presentations. Prerequisites: BIOL1300 or CHEM1320 or Instructors consent.

Social Science

Courses Offered

SOSC2000 Individual Study

SOSC3000 Individual Study

SOSC3390 Methods of Teaching Social Studies

SOSC4000 Individual Study

Course Descriptions

SOSC2000 Individual Study - 1-3 s.h.

SOSC3000 Individual Study - 1-3 s.h.

SOSC3390 Methods of Teaching Social Studies - 3 s.h.
Discussions of the general and specific objectives of social studies in the secondary school system, the materials and resources available, techniques in teaching the social studies, types of curricula, and methods of evaluation. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program.

SOSC4000 Individual Study - 1-3 s.h.

Sociology

Courses Offered

SOCI1300 Introduction to Sociology

SOCI1350 Cultural Anthropology

SOCI2000 Individual Study

SOCI2100 Sociology of Everyday Life

SOCI2200 Environmental Crime

SOCI2300 Race and Ethnicity in the United States

SOCI2320 Marriage and the Family (also PSYC2320)

SOCI2440 Victimology

SOCI3000 Individual Study

SOCI3100 Environment and Society

SOCI3110 Community Studies

SOCI3120 Sociological Studies of Policing

SOCI3130 Social Movements

SOCI3200 Gender and Society

SOCI3210 Conflict Management and Dialogue (also COMM/PEAC3210)

SOCI3220 Sociology of Sexualities

SOCI3350 Topics in Anthropology

SOCI3900 Advanced Topics in Sociology

SOCI4000 Individual Study

SOCI4100 Social Issues in Sport (also SPMT4100)

SOCI4330 Social Inequality

SOCI4540 Sociological Theory

SOCI4700 Sociology Internship

Course Descriptions

SOCI1300 Introduction to Sociology - 3 s.h.

Introduction to the perspective of sociology, its basic concepts and principles and an overview of the field.Includes study of social classes, sex roles, crime and deviance, socialization, social movements and others. ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace

SOCI1350 Cultural Anthropology - 3 s.h.

Survey and analysis of diverse cultural patterns. +This course is only offered every other year.

SOCI2000 Individual Study - 1-3 s.h.

SOCI2100 Sociology of Everyday Life - 3 s.h.

A survey of sociological perspectives on the social nature of the self, social interactions, social situations, interpersonal relations, group dynamics, collective behavior, and everyday social life.

SOCI2200 Environmental Crime - 3 s.h.

Explores various environmental harms from a criminological perspective. Students will learn about the development of and key ideas and debates within the field of green criminology and related crime-and-environment disciplines. ELO5 Social Science - Peace, ELO5 Social Science - Equality and Peace

SOCI2300 Race and Ethnicity in the United States - 3 s.h.

Examines the basic sociological concepts and theories of race and ethnicity. Particular focus will be given to the social construction of race, as well as the causes and consequences of racism, immigration, education and residential segregation, environmental inequality, and social justice movements.

SOCI2320 Marriage and the Family (also PSYC2320) - 3 s.h.

A social science approach to relationships and attraction with a focus on marriage and the family unit. Topics include dating, marital roles, parenting, and interaction patterns. Explores disruptions such as divorce and domestic violence as well as clinical and community-level interventions from a systems perspective.

SOCI2440 Victimology - 3 s.h.

Explores victimology, or the study of victimization. Topics include the history of victims' rights, causes of victimization, its consequences, and how other institutions deal with crime victims. Also addresses how social scientists conduct research on victims of crimes and current issues and topics of interests to researchers who study victimization. Prerequisites: SOCI1300 or consent from instructor.

SOCI3000 Individual Study - 1-3 s.h.

SOCI3100 Environment and Society - 3 s.h.

Examines environmental concerns and issues such as environmental justice, wilderness preservation, sustainability, peak oil, environmental security, green consumption, conservation crime, oil spills, and fracking. Ecological hope and despair, that is, the question of emotional sustainability in the face of issues that seem beyond one's individual control, are explored throughout. ELO4 Global Learning - Sustainability.

SOCI3110 Community Studies - 3 s.h.

Explores various approaches to and studies of community. Topics include forms of community, community development, community organizing, community assessment, place attachment, community power structure, community trauma, and crime and community. ELO3 Ethical Thinking - Innovation

SOCI3120 Sociological Studies of Policing - 3 s.h.

Explores the sociological literature on policing. Examines studies of types of policing, police- citizen encounters, police discretion, use of force, police brutality, police culture, police organizational structure and change, effects of new technologies on police work, police corruption, experiences of

female officers, and experiences of minority officers. ELO5 Social Science - Peace, ELO5 Social Science - Equality and Peace

SOCI3130 Social Movements - 3 s.h.
Examines the origins, nature, and processes of social change movements. Prerequisite: SOCI1300 Introduction to Sociology or PEAC2200 Introduction to Peace Studies and sophomore standing.

SOCI3200 Gender and Society - 3 s.h.
Examines gender as a major organizing principle of contemporary social life and explores the different explanations of gender, gendered interactions, and its effects on identities and social institutions. Prerequisite: SOCI1300 Introduction to Sociology or PSYC1300 Introduction to Psychology and sophomore standing.

SOCI3210 Conflict Management and Dialogue (also COMM/PEAC3210) - 3 s.h.
An examination of conflict theories and approaches, negotiation process, conflict ethics, and third party mediation. In this class, students will become familiar with the causes of conflict as well as ways strategies and tactics used in conflict management. Further, this class will explore the foundational theoretical concepts and models of dialogue in the context of conflict management. +This course is only offered every other year.

SOCI3220 Sociology of Sexualities - 3 s.h.
Examines human sexuality through a sociological perspective, focusing on how sexuality reflects the society in which we live. We will consider the relationship between individual sexualities, (sub)cultures, institutions, and the nation-state. Prerequisite: SOCI1300 Introduction to Sociology and sophomore standing.

SOCI3350 Topics in Anthropology - 1-3 s.h.
An in-depth study of topics from one or more fields of anthropology. May be repeated for credit as topics vary. Prerequisite: SOCI1350 (grade of C or better).

SOCI3900 Advanced Topics in Sociology - 1-3 s.h.
Study of topics from one or more fields of sociology, including Collective Behavior, Aging and Society, Social Change, and others. May be repeated for credit as topics vary. Prerequisite: SOCI1300 (grade of C or better).

SOCI4000 Individual Study - 1-3 s.h.

SOCI4100 Social Issues in Sport (also SPMT4100) - 3 s.h.

Sociological analysis of sport in contemporary American society. Focus is upon sport as a form of social interaction, which reflects, reinforces, and helps create basic societal norms, values, attitudes, and beliefs. The impact of sport is analyzed on the basic societal institutions of family, church, school, government, and economics, from a sociological perspective. Prerequisite: Junior standing. ELO4 Global Learning - Innovation.

SOCI4330 Social Inequality - 3 s.h.

Examines the intersection of race, ethnicity, class, gender, and other minority statuses and the relationships to personal identity and social structure. Helps to develop an awareness and understanding of diverse values, life-styles, beliefs, and attitudes of various racial, cultural, and ethnic minorities. Focuses on the social, legal, economic, and political aspects of prejudice and discrimination on socially disadvantaged groups. Prerequisite: SOCI1300 (with grade of C or better) and senior standing.

SOCI4540 Sociological Theory - 3 s.h.

Examines classical sociological theories and the contemporary theories that follow from them. The major approaches covered are functionalism, conflict theory, symbolic interaction, and phenomenology.

SOCI4700 Sociology Internship - 3 s.h.

Provides practical application of knowledge, theory, and skills in a professional setting. Prerequisite: Junior or Senior standing, Sociology major, instructor's consent.

Spanish

Courses Offered

SPAN1410 First-Year Spanish I

SPAN1420 First-Year Spanish II

SPAN2000 Individual Study

SPAN2100 Second-Year Spanish

SPAN2310 Spanish Contact Hours

SPAN2440 Cultural Conversations: Oral and Written Expressions

SPAN2600 Spanish Immersion (Intermediate)

SPAN2900 Topics in Spanish

SPAN3110 Hispanic Cinema

SPAN3120 Hispanic Literatures

SPAN3220 Unheard Voices

SPAN3240 Literature, Visual Culture, and Digital Media in the Hispanic Caribbean

SPAN3500 Experiential Learning in Spanish

SPAN3600 Spanish Immersion (Advanced)

SPAN3900 Topics in Spanish

SPAN4800 Hispanic Studies Senior Project

Course Descriptions

SPAN1410 First-Year Spanish I - 3 s.h.

An introduction to the practice of using and understanding Spanish to develop listening, speaking, reading, and writing skills.

SPAN1420 First-Year Spanish II - 3 s.h.

Provides further practice in using and understanding Spanish to develop listening, speaking, reading, and writing skills. Prerequisite: SPAN1410 or equivalent.

SPAN2000 Individual Study - 1-3 s.h.

SPAN2100 Second-Year Spanish - 3 s.h.

Review and development of listening, speaking, reading, and writing skills. Introduces students to cultural topics in the Spanish-speaking world. Prerequisite: SPAN1420 or Placement Examination.

SPAN2310 Spanish Contact Hours - 1-2 s.h.

Contact hours in Spanish conducted independently. Available only to students in the Hispanic Studies major. Can be taken simultaneously with the Spanish 1410-2100 sequence or before

enrolling in SPAN2440. A student cannot complete more than two Spanish Contact semester-hours at a time per semester. The Spanish faculty, in collaboration with the student, will design a plan to comply with the number of Spanish Contact Hours needed. Experiential Learning in Spanish (including a study away opportunity) may satisfy this requirement for Spanish majors.

SPAN2440 Cultural Conversations: Oral and Written Expressions - 3 s.h.

Designed to facilitate a discussion, in Spanish, about contemporary cultural topics that affect the Spanish-speaking world. Students will also engage and write about texts that discuss and/or embody Hispanic culture. Prerequisite: 3 s.h. of SPAN2100 and SPAN2310 or Placement Examination.

SPAN2600 Spanish Immersion (Intermediate) - 3-6 s.h.

Practice of acquired language skills (intermediate level) in context while exploring the diverse history and culture of a Spanish-speaking country during a study-abroad experience. Repeatable to a maximum of 6 hours. Prerequisite: Instructor's consent. (Graded on a Pass/Fail basis).

SPAN2900 Topics in Spanish - 3 s.h.

Special studies in Spanish designed primarily for the non-Spanish major. Content may vary and will be announced at time of offering. When content changes, course may be repeated for credit.

SPAN3110 Hispanic Cinema - 3 s.h.

Designed to enhance students' knowledge of Hispanic culture through selected Spanish-speaking films. Prerequisite: SPAN2440. ELO4 Global Learning - Equality, ELO4 Global Learning - Equality and Peace

SPAN3120 Hispanic Literatures - 3 s.h.

Designed to enhance students' knowledge of Hispanic culture through selected pieces of literature from different parts of the Spanish-speaking world. Prerequisite: SPAN2440. ELO4 Global Learning - Equality, ELO4 Global Learning - Equality and Peace

SPAN3220 Unheard Voices - 3 s.h.

Explores representations of vulnerability in Latin American cultural production, particularly short narrative and film. Discusses the diversity of vulnerable experiences among unheard sectors of Latin American societies with a focus on women, afrolatinos, and the LGBTQ+ community. Taught in Spanish. Instructor approval required. ELO4 Global Learning – Equality, ELO4 Global Learning - Equality and Peace Note:

Since this course is taught in Spanish, an intermediate-high proficiency level in Spanish is recommended for non-minor students.

SPAN3240 Literature, Visual Culture, and Digital Media in the Hispanic Caribbean - 3 s.h.
Explores contemporary literature, visual culture, and digital media in translation produced in the Hispanic Caribbean (Cuba, Puerto Rico, and the Dominican Republic). Through the examination of literary, digital, and visual materials, including narrative prose, paintings, murals, films, and performances, students will be exposed to multiple interpretations (new and traditional) of concepts such as citizenship and gender, sexual, and racial identities in the Hispanic Caribbean and its diasporas, particularly in the United States. Taught in English. ELO4 Global Learning – Equality, ELO4 Global Learning - Equality and Peace

SPAN3500 Experiential Learning in Spanish - 3 s.h.
Experiential learning (e.g. service in a Spanish-speaking country, working with a Latino non-profit organization, etc.) in Spanish conducted independently. The Spanish faculty, in collaboration with the student, will set up an appropriate Experiential Learning opportunity.

SPAN3600 Spanish Immersion (Advanced) - 3-6 s.h.
Practice of acquired language skills (advanced level) in context while exploring the diverse history and culture of a Spanish-speaking country during a study-abroad experience. Repeatable to a maximum of 6 hours. Prerequisite: Instructor's consent. (Graded on a Pass/Fail basis).

SPAN3900 Topics in Spanish - 3 s.h.
Study of selected topics of interest in the Spanish-speaking world, to be announced prior to the semester when the course is offered. May be repeated for credit as topics change.

SPAN4800 Hispanic Studies Senior Project - 3 s.h.
A semester-long project in which the student, in consultation with the Spanish faculty member, selects a research topic related to Hispanic cultural production (i.e. literature, film, art, etc.) and conducts original research and presents in either an oral or poster presentation. Prerequisite: Instructor approval.

Sport Management

Courses Offered

SPMT1200 Introduction to Sport Management

SPMT2100 Introduction to College Athletics Administration

SPMT2300 Legal and Ethical Issues in Sports

SPMT3100 Sport Policy and Governance

SPMT3200 Sport Communication

SPMT3300 Sport Marketing

SPMT3410 Sport Facility and Event Management

SPMT4100 Social Issues in Sport (also SOCI4100)

SPMT4500 Seminar in Sport Management

SPMT4700 Internship in Sport Management

Course Descriptions

SPMT1200 Introduction to Sport Management - 3 s.h.

An introduction to the field of sport management, including history of sport, leadership, management process, marketing and communication, and legal and ethical aspects in non-profit and for-profit organizations.

SPMT2100 Introduction to College Athletics Administration - 3 s.h.

This course provides an overview of the fundamental concepts and practices associated with college athletics administration. Students will explore the organizational structure, regulatory frameworks, and key responsibilities involved in managing athletic programs within institutions of higher education. Emphasis will be placed on understanding the unique challenges, ethical considerations, and strategic planning essential for effective leadership in college athletics. Pre or Corequisite: SPMT1200.

SPMT2300 Legal and Ethical Issues in Sports - 3 s.h.

A study of the laws, rules, regulations, and codes of ethics related to sports at all levels. A variety of viewpoints, including financial, regulatory, and societal will be explored.

SPMT3100 Sport Policy and Governance - 3 s.h.

This course will introduce students to a variety of ways to understand sport policy and governance - essential for any career in sports management. Through lectures, discussion on

past and current issues, and class assignments, students will learn the big picture perspective of sport policy and governance structures while further developing tangible abilities to serve as well-informed sport managers in a variety of sport organizations.

SPMT3200 Sport Communication - 3 s.h.

This course covers the theory of communication, communication strategies in sports, including the use of social media and publicity, and issues in sport communication.

SPMT3300 Sport Marketing - 3 s.h.

An analysis of the field of marketing from a sports perspective with focus on the elements of and development of a marketing plan. Prerequisite: ECON1320.

SPMT3410 Sport Facility and Event Management - 3 s.h.

This course examines the principles of facility operations and management and event planning, execution, and evaluation, within the sport industry. This course provides students an industry-specific understanding of challenges to facility management as well as planning skills to ensure a successful sport event. Topics to be explored include facility design, management, operations, risk management, the sport event planning process, sport marketing, and event execution and evaluation. Offered each fall semester. Prerequisites: SPMT1200.

SPMT4100 Social Issues in Sport (also SOCI4100) - 3 s.h.

Sociological analysis of sport in contemporary American society. Focus is upon sport as a form of social interaction, which reflects, reinforces, and helps create basic societal norms, values, attitudes, and beliefs. The impact of sport is analyzed on the basic societal institutions of family, church, school, government, and economics, from a sociological perspective. Prerequisite: Junior standing. ELO4 Global Learning - Innovation.

SPMT4500 Seminar in Sport Management - 3 s.h.

Students investigate a variety of topics in sport management and present their research and findings to the seminar. Oral presentations and research papers are required for each round of topics. Prerequisites: Junior or senior standing.

SPMT4700 Internship in Sport Management - 1-3 s.h.

An internship that allows students to work with professionals who are in career areas relating to the field of sport management. The student will play an active role in identifying

potential field sponsors. Repeatable to a maximum of 12 hours. (Graded on a Pass/Fail basis.) Prerequisite: Instructor's consent.

Sustainability

Courses Offered

SUST1100 Introduction to Sustainability

SUST1900 Topics in Sustainability

SUST2100 Introduction to Geographic Information Sciences (also CSIT2110)

SUST2900 Topics in Sustainability

SUST3700 On-Campus Internship

SUST4300 Off-Campus Internship

SUST4700 Senior Capstone Project

Course Descriptions

SUST1100 Introduction to Sustainability - 3 s.h.

An introduction to the fundamentals of sustainability and its impact on human and natural systems. Explores how sustainability relates to human wellbeing, ecosystem function, global change, economic and policy, ethics, and culture. Practical approaches to this course will be tied closely to small-scale food production and water use with hands-on fieldwork, projects, and service learning. Students will also explore diverse career opportunities related to sustainability. ELO6 Science - Sustainability

SUST1900 Topics in Sustainability - 0-3 s.h.

SUST2100 Introduction to Geographic Information Sciences (also CSIT2110) - 3 s.h.

Students will learn theoretical and practical foundations related to geographic information systems and spatial analysis. Emphasis on teaching students to integrate and analyze spatial information from various sources. Includes a weekly laboratory section. Prerequisite: MATH1370.

SUST2900 Topics in Sustainability - 0-3 s.h.

SUST3700 On-Campus Internship - 3 s.h.
An internship program that connects students to campus initiatives that focus on sustainable practices. Potential internship areas might include campus engagement, air and climate, buildings, energy, food and dining, purchasing, transportation, waste, and water. Supervised and facilitated by the sustainability coordinator and developed in conjunction with the interests of the student. (Graded on a Pass/Fail basis) Prerequisites: major in Sustainability Studies, junior/senior status, and instructor's consent.

SUST4300 Off-Campus Internship - 3 s.h.
An internship that allows students to work with professionals in career areas relating to the field of Sustainability Studies (including the private, public, and nonprofit sectors). Placements will be supervised by the sustainability coordinator and developed in conjunction with the interests of the student. (Graded on a Pass/Fail basis) Prerequisites: major in Sustainability Studies, junior/senior status, and instructor's consent.

SUST4700 Senior Capstone Project - 3 s.h.
Planning, preparing, and presenting a senior project in the student's area of concentration. Prerequisites: major in Sustainability Studies, junior/senior status.

Theatre

Courses Offered

THTR1230 Theatre and Society

THTR1300 Acting and Performing

THTR2220 Acting Styles: Movement and Voice

THTR2240 Dramatic Media Stagecraft

THTR2900 Topics in Theatre

THTR3110 Script Analysis and Dramatic Literature

THTR3140 Playwriting

THTR3150 Writing for Stage, Screen, and New Media

THTR3200 Diction and Dialects

THTR3240 Audition Techniques

THTR3330 Dramatic Media History

THTR3340 Musical Theatre History

THTR4000 Individual Study

THTR4110 Stage and Musical Directing

THTR4130 Directing for Dramatic Media

Course Descriptions

THTR1230 Theatre and Society - 3 s.h.

Designed to develop an understanding of how Theatre and society coexist in our world. Course fosters an appreciation for the theatre artist's skills and expertise. In this course students experience acting, design, and playwriting through collaborative group projects and interactive assignments. Students will explore the complex relationship between Theatre and society from the past to the present through presentations and class discussions. ELO5 Arts - Equality, ELO5 Arts - Equality and Peace, GE3A Liberal Learning-Arts.

THTR1300 Acting and Performing - 3 s.h.

This course is designed to equip students with essential skills in performance techniques, character development, and stage presence. Through a combination of scene study and acting exercises, participants will experience a variety of acting methods and techniques while gaining confidence in front of an audience. The course emphasizes collaboration, creativity, and critical analysis, allowing students to enhance their understanding of dramatic texts and improve their expressive abilities in performing. By the end of the course, students will showcase their work in a final performance, demonstrating their growth as performers and as artists. GE3A Liberal Learning - Arts.

THTR2220 Acting Styles: Movement and Voice - 3 s.h.

In-depth exploration of various acting styles using different techniques and methodologies. This course is designed to equip students with a versatile toolkit for performance. Covering classical to contemporary styles, this course will emphasize character development, emotional authenticity, and physical expression. Through acting exercises, scene work, and peer feedback, students will enhance their ability to adapt to

different genres and performance styles. Ideal for actors of all levels, this course encourages personal growth and an appreciation for the rich diversity of theatrical traditions. Prerequisite: THTR1300 Acting and Performing.

THTR2240 Dramatic Media Stagecraft - 3 s.h.
This course is an immersive, concentrated study of the technical aspects of theatre, film, and new media stage production. Students will engage in hands-on projects, learning to collaborate effectively in a team environment while applying industry-standard practices. This course emphasizes the integration of technology with traditional stagecraft techniques, preparing students for various roles in theater production and media environments. Through lecture demonstrations, lab workshops, and practical experiences, students will develop creative thinking and problem-solving skills essential in the fast-paced world of stagecraft and technology. Prerequisite: PART1100 Performing Arts Stagecraft & Technology.

THTR2900 Topics in Theatre - 3 s.h.
Study of a selected area in technical theatre. designed to develop an interest in technical theatre, as well as develop skills through the practice of applying very specific techniques in painting, texturing, and glazing.

THTR3110 Script Analysis and Dramatic Literature - 4 s.h.
An in-depth exploration of significant plays and scripts from various genres and time periods, focusing on themes, structure, and performance elements. Students will analyze key texts, examine their cultural and historical contexts, and engage in discussions about character development, dialogue, and the evolution of dramatic forms. Through readings, discussions, and written analyses, participants will enhance their critical thinking and appreciation for dramatic arts. Overall, this course prepares students for a deeper understanding of the craft of storytelling in both theatre and film.

THTR3140 Playwriting - 3 s.h.
Study and application of playwriting techniques and theory. In addition to a number of creative writing exercises, students will write a one-act by the conclusion of the course.

THTR3150 Writing for Stage, Screen, and New Media - 3 s.h.
This course explores the fundamental principles of storytelling across various platforms, including theater, film, and digital mediums. Students will engage in the development of scripts,

focusing on character creation, dialogue, structure, and pacing, while also considering the unique demands and opportunities each medium presents. Through workshops, peer critiques, and the analysis of existing works, participants will enhance their writing skills and gain an understanding of industry standards and practices, culminating in the creation of original pieces tailored to stage, screen, or new media formats.

THTR3200 Diction and Dialects - 3 s.h.

This course is designed to enhance vocal clarity and accent versatility for actors and performers. Students will explore the fundamentals of phonetics, articulation, and projection while mastering various regional and international dialects for stage, screen, and oral interpretation. Through practical exercises, coaching, and performance techniques, students will develop their ability to convey character authenticity and emotional depth through speech. Study of commonly used dialects and foreign accents include American Standard, American Southern, Standard British and Irish, with additional options (Brooklyn, Cockney, French, German, Italian, Russian). Scenes will be performed in all dialects studied. Prerequisites: THTR1300 Acting and Performing.

THTR3240 Audition Techniques - 4 s.h.

Studio-style course designed to equip aspiring performers with the essential skills and strategies for successful auditions in theater, film, and television. Students will learn how to prepare and present monologues, cold readings, and character breakdowns, while also receiving guidance on interpreting scripts and understanding audition etiquette. Through practical exercises, personalized feedback, and mock auditions, participants will develop confidence, improve their performance abilities, and refine their ability to connect with casting directors, ultimately enhancing their chances of landing roles in a competitive industry. Prerequisite: THTR1300 Acting and Performing.

THTR3330 Dramatic Media History - 3 s.h.

This course explores the evolution of performance and storytelling through various media forms, including theater, film, television, and digital platforms. Students examine key historical movements, influential artists, and technological advancements that have shaped dramatic expressions across cultures and eras. By analyzing texts, performances, and critical theories, the course encourages a deeper understanding of how media reflects and influences societal values, identity, and aesthetic trends, while fostering critical thinking and media literacy. Engaging discussions, presentations, and screenings

enhance students' appreciation for the rich tapestry of dramatic arts throughout history. +This course is only offered every other year. GE3A Liberal Learning-Arts.

THTR3340 Musical Theatre History - 3 s.h.
This course offers a comprehensive exploration of the evolution of musical theatre, tracing its origins from early theatrical traditions to contemporary productions. Students will examine key works, influential figures, and stylistic developments within the genre, considering how social, political, and cultural contexts have shaped its transformation. Through lectures, discussions, and performance analyses, participants will gain insight into the various elements that define musical theatre, including music, lyrics, choreography, and narrative structure, fostering an appreciation for its role as a dynamic form of artistic expression. +This course is only offered every other year.

THTR4000 Individual Study - 3 s.h.

THTR4110 Stage and Musical Directing - 3 s.h.
This course is for aspiring directors looking to develop their skills in staging, interpretation, and collaboration within theatrical and musical contexts. Students will explore fundamental directing techniques, including script analysis, character development, and the creation of cohesive visions for performances. Through hands-on scene work, guided exercises, and collaborative projects, students will gain practical experience in leading rehearsals, working with actors, and integrating elements of music and choreography. This course will also cover the historical and contemporary landscape of directing, providing insight into the artistic and logistical challenges directors face. By the end of the course, students will have crafted a variety of short, directed scenes and at least one musical number, showcasing their understanding of the director’s role and enhancing their confidence to lead a production.

THTR4130 Directing for Dramatic Media - 3 s.h.
An applied study of the principles and techniques of directing for film, television, and theatre that will engage the students in developing their unique voice, visual storytelling, and the art of working with actors, cinematographers, and production teams. The final project in this course will be a realized one-act production or short film that showcases directorial vision and skills, offering a comprehensive experience that prepares students for careers in the industry. Prerequisite: THTR4110 Stage and Musical Directing

University

Courses Offered

UNIV1100 Digital Fluency and Citizenship

UNIV1200 Health and Wholeness

UNIV2100 Social Responsibility

Course Descriptions

UNIV1100 Digital Fluency and Citizenship - 3 s.h.

An introduction to the concepts of responsible activity and practices in the digital world, important software tools, and understanding the use of data and data analytics in the digital economy. The course teaches students relevant skills necessary to analyze data, prepare visualizations of data, and engage in the digital economy.

UNIV1200 Health and Wholeness - 3 s.h.

Introduces students to foundational concepts in health and wellness as well as practices that promote life-long wholeness, including physical and mental health risk assessment and mitigation.

UNIV2100 Social Responsibility - 3 s.h.

Provides students an introductory foundation in social responsibility and ethics in the context of moral, social, and environmental issues. Students will be given the opportunity to understand how personal views, choices, privileges, and behaviors impact their communities and those of other individuals. Students will learn to engage in compassionate and constructive dialogue about diverse perspectives.

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