ACADEMICS > ACADEMIC CATALOGS

2022-2023 Undergraduate Catalog

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

2022-2023 Undergraduate Catalog

The 2022-2023 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 nursing programs are accredited by the Commission on Collegiate Nursing Education (CCNE), https://www.aacnnursing.org/CCNE (https://www.aacnnursing.org/CCNE), 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.

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://iowacollegeaid.co1.qualtrics.com/jfe/form/SV_9Br0hqNMto1FItT (https://iowacollegeaid.co1.qualtrics.com/jfe/form/SV_9Br0hqNMto1FItT)

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://doh.wa.gov/licenses-permits-and-certificates/nursing-commission/nursing-education/nursing-programs (https://doh.wa.gov/licenses-permits-and-certificates/nursing-commission/nursing-education/nursing-programs)

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. Graceland was founded in Lamoni, Iowa in 1895 by the Reorganized Church of Jesus Christ of Latter Day Saints, now the 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 20 countries and can choose from more than 29 academic programs, and 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.

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 and graduate degrees, on-site and online, 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 our Graceland's national-champion Enactus team, and offers undergraduate degrees in Accounting, Agricultural Business, Business Administration, Economics, Organizational Leadership, Social Media Marketing and Sport Management.

The Graceland University Community of Christ Seminary was founded in 2002 and is located in Independence, MO. Students can obtain a Master of Arts in Religion degree that can be pursued online and on-site.

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 posses 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

Department of Visual and Performing Arts
Dr. Sara Blessing, Chair
Art (Studio & Graphic Design) (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/art/)

C.H. Sandage Department of Business
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/)
Organizational Leadership (https://www.graceland.edu/catalog/organizational-leadership)
Sport Management (https://www.graceland.edu/catalog/sport-management)

Gleazer Department of Education
Dr. Tanya Coffelt, Chair
Elementary Education (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/elementary-education-2/)

Department of Health and Movement Sciences
Dr. Melanie Mason, Chair
Allied Health (https://www.graceland.edu/catalog/allied-health)
Physical Education and Health (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/health-and-physical-education/)

Department of Humanities
Dr. Mark Gardner, Chair
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/)

Department of Math, Computer Science, and Data Science
Dr. Jason Smith, Chair
Computer Science & Information Technology (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/computer-science-and-information-technology/)
Data Science (https://www.graceland.edu/catalog/data-science)

Department of Natural and Physical Sciences
Dr. Mary Shawgo, Chair
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)

Department of Social Sciences
Dr. Steven Glazer, Chair
Criminal Justice (https://www.graceland.edu/catalog/criminal-justice)
History (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/history/)
Psychology (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/psychology)
Sociology (https://www.graceland.edu/catalog/sociology)

Organization of the Academic Program, Independence Campus

Data Science (Graduate)
Dr. Jeffrey Draves, Director
Master of Science in Data Science and Analytics (https://www.graceland.edu/academics/academic-catalogs/graduate-catalog-home/master-of-science-in-data-science-and-analytics/)

Gleazer Department of Education
Dr. Tanya Coffelt, Chair
Elementary Education (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/elementary-education-2/)

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
Jolene Lynn PhD, Dean
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/)

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 (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 in 29 majors. Courses are available for non-degree seeking students interested in enrolling for personal enrichment.

Independence Campus

The Graceland University Independence Campus located at 1401 West Truman Road in Independence, Missouri, provides on campus education for students pursuing a Bachelor of Science in Nursing, Bachelor of Arts in Education, or a Master of Education degree. 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 Science in Nursing, and a Doctor of Nursing Practice. In addition, a Master of Arts in Religion can be earned through combined on campus and online courses.

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 2021 | Fall 2021 | Spring 2022 | Summer 2022 | Fall 2022 | Spring 2023 | Summer 2023 | Fall 2023 | Spring 2024 | Summer 2024

Summer 2021 Academic Calendar

Month	Day	Event
May	Mon 3	Summer Session Begins, All Programs
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 2021 Academic Calendar

Month	Day	Event
AUGUST	Thurs-Fri 12-13	Fall Faculty Conference
August	Fri 20	New Students Arrive
August	Sun 22	Returning Students Arrive
August	Mon 23	Classes Begin, Semester Programs

Month	Day	Event
August	Mon 30	Classes Begin, Trimester Programs
SEPTEMBER	Mon 6	Labor Day - No Classes
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
October	Wed 13	Second Quarter Begins, Semester Programs
October	Fri-Sun 15-17	Homecoming
October	Sat 23	Classes End, 8 Week Fall Subsession A (Trimester)
October	Mon 25	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 18	Commencement - Independence, Missouri

Month	Day	Event
December	Sat 18	Classes End, 8 Week Fall Subsession B (Trimester)
December	Sat 18	Classes End, 16 Week Fall Session (Trimester)

Spring 2022 Academic Calendar

Month	Day	Event
JANUARY 2022	Mon 3	Classes Begin, 16 Week Spring Session (Trimester)
January	Mon 3	Classes Begin, 8 Week Spring Subsession A (Trimester)
January	Mon 10	Classes Begin, Semester Programs
January	Mon 17	Martin Luther King, Jr Day (No Classes)
FEBRUARY	Fri 18 (5 p.m.)	Spring Recess Begins, Trimester SON Face-2-Face Programs
February	Fri 25	Midterm/End of Quarter, Semester Programs
February	Sat 26	Classes End, 8 Week Spring Subsession A (Trimester)
February	Mon 28	Second Quarter Begins, Semester Programs
February	Mon 28	Classes Begin, 8 Week Spring Subsession B (Trimester)

Month	Day	Event
February	Mon 28 (8 a.m.)	Classes Resume, Trimester Face-2-Face Programs
MARCH	Fri 4 (5 p.m.)	Spring Recess Begins, Semester Programs
March	Mon 14 (8 a.m.)	Classes Resume, Semester Programs
APRIL	Thurs 14	Scholars Showcase, Semester Programs (No Classes 8-5)
April	Fri 22	Classes End, Semester Programs
April	Sat 23	Classes End, Trimester Programs
April	Mon-Thurs 25-28	Semester Examinations, Semester Programs
April	Sat 30	Baccalaureate - Lamoni, Iowa
MAY	Sun 1	Commencement - Lamoni, Iowa
May	Mon-Tues 2-3	Spring Faculty Conference

Summer 2022 Academic Calendar

Month	Day	Event
MAY 2022	Mon 2	Summer Session Begins, All Programs

Month	Day	Event
JUNE	Sat 25	Classes End, 8 Week Summer Subsession A (Trimester)
June	Mon 27	Classes Begin, 8 Week Summer Subsession B (Trimester)
AUGUST	Sat 20	Classes End, All Programs

Fall 2022 Academic Calendar

Month	Day	Event
AUGUST 2022	Thurs-Fri 18-19	Fall Faculty Conference
August	Fri 26	New Students Arrive
August	Sun 28	Returning Students Arrive
August	Mon 29	Fall Classes Begin, All Programs
SEPTEMBER	Mon 5	Labor Day - No Classes
September	Fri-Sun 30-2	Homecoming
OCTOBER	Fri 14	Midterm/End of Quarter, Semester Programs
October	Fri 14 (5 p.m.)	Fall Break Begins, Semester Programs
October	Wed 19 (8 a.m.)	Classes Resume, Semester Programs
October	Wed 19	Second Quarter Begins, Semester Programs

Month	Day	Event
October	Sat 22	Classes End, 8 Week Fall Subsession A (Trimester)
October	Mon 24	Classes Begin, 8 Week Fall Subsession B (Trimester)
NOVEMBER	Tues 22 (9 p.m.)	Thanksgiving Recess Begins
November	Mon 28 (8 a.m.)	Classes Resume
DECEMBER	Fri 9	Classes End, Semester Programs
December	Mon-Thurs 12-15	Semester Examinations
December	Sat 17	Commencement - Independence, Missouri
December	Sat 17	Classes End, 8 Week Fall Subsession B (Trimester)
December	Sat 17	Classes End, 16 Week Fall Session (Trimester)

Spring 2023 Academic Calendar

Month	Day	Event
JANUARY 2023	Mon 9	Spring Classes Begin, All Programs
January	Mon 16	Martin Luther King, Jr Day (No Classes)
FEBRUARY	Fri 24 (5 p.m.)	Spring Recess Begins, Trimester SON Face-2-Face Programs

Month	Day	Event
February	Fri 24	Midterm/End of Quarter, Semester Programs
February	Mon 27	Second Quarter Begins, Semester Programs
MARCH	Fri 3 (5 p.m.)	Spring Recess Begins, Semester Programs
March	Sat 4	Classes End, 8 Week Spring Subsession A (Trimester)
March	Mon 6	Classes Begin, 8 Week Spring Subsession B (Trimester)
March	Mon 6 (8 a.m.)	Classes Resume, Trimester Face-2-Face Programs
March	Mon 13 (8 a.m.)	Classes Resume, Semester Programs
APRIL	Thurs 13	Scholars Showcase, Semester Programs (No Classes 8-5)
April	Fri 21	Classes End, Semester Programs
April	Mon-Thurs 24-27	Semester Examinations, Semester Programs
April	Sat 29	Classes End, Trimester Programs
April	Sat 29	Baccalaureate - Lamoni, Iowa
April	Sun 30	Commencement - Lamoni, Iowa

Month	Day	Event
MAY	Mon-Tues 1-2	Spring Faculty Conference

Summer 2023 Academic Calendar

Month	Day	Event
MAY 2023	Mon 8	Summer Session Begins, All Programs
JULY	Sat 1	Classes End, 8 Week Summer Subsession A (Trimester)
July	Mon 3	Classes Begin, 8 Week Summer Subsession B (Trimester)
AUGUST	Sat 26	Classes End, All Programs

Fall 2023 Academic Announcement**

Month	Day	Event
AUGUST 2023	Thurs-Fri 17-18	Fall Faculty Conference
August	Fri 25	New Students Arrive
August	Sun 27	Returning Students Arrive
August	Mon 28	Fall Classes Begin, All Programs

Month	Day	Event
SEPTEMBER	Mon 4	Labor Day - No Classes
OCTOBER	Fri-Sun	Homecoming
October	Fri 13	Midterm/End of Quarter, Semester Programs
October	Fri 13 (5 p.m.)	Fall Break Begins, Semester Programs
October	Wed 18 (8 a.m.)	Classes Resume, Semester Programs
October	Wed 18	Second Quarter Begins, Semester Programs
October	Sat 21	Classes End, 8 Week Fall Subsession A (Trimester)
October	Mon 23	Classes Begin, 8 Week Fall Subsession B (Trimester)
NOVEMBER	Tues 21 (9 p.m.)	Thanksgiving Recess Begins
November	Mon 27 (8 a.m.)	Classes Resume
DECEMBER	Fri 8	Classes End, Semester Programs
December	Mon-Thurs 11-14	Semester Examinations
December	Sat 16	Commencement - Independence, Missouri
December	Sat 16	Classes End, 8 Week Fall Subsession B (Trimester)

Month	Day	Event
December	Sat 16	Classes End, 16 Week Fall Session (Trimester)

Spring 2024 Academic Announcement**

Month	Day	Event
JANUARY 2024	Mon 8	Spring Classes Begin, All Programs
January	Mon 15	Martin Luther King, Jr Day (No Classes)
February	Fri 23	Midterm/End of Quarter, Semester Programs
February	Mon 26	Second Quarter Begins, Semester Programs
MARCH	Fri 1 (5:00 p.m.)	Spring Recess Begins, Semester Programs, Trimester SON Face-2-Face Programs
March	Sat 2	Classes End, 8 Week Spring Subsession A (Trimester)
March	Mon 4	Classes Begin, 8 Week Spring Subsession B (Trimester)
March	Mon 11 (8 a.m.)	Classes Resume, Semester Programs, Trimester SON Face-2-Face Programs
APRIL	Thurs 11	Scholars Showcase, Semester Programs (No Classes 8-5)
April	Fri 19	Classes End, Semester Programs

Month	Day	Event
April	Mon-Thurs 22-25	Semester Examinations, Semester Programs
April	Sat 27	Classes End, Trimester Programs
April	Sat 27	Baccalaureate - Lamoni, Iowa
April	Sun 28	Commencement - Lamoni, Iowa
April	Mon-Tues 29-30	Spring Faculty Conference

Summer 2024 Academic Announcement**

Month	Day	Event
MAY 2024	Mon 6	Summer Session Begins, All Programs
JUNE	Sat 29	Classes End, 8 Week Summer Subsession A (Trimester)
JULY	Mon 1	Classes Begin, 8 Week Summer Subsession B (Trimester)
AUGUST	Sat 24	Classes End, All Programs

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

Undergraduate Admissions

ACT/SAT Requirement Update:

Effective November 14, 2020, ACT & SAT test scores are permanently optional for undergraduate Admissions. Please contact your Admissions Counselor with any questions.

The Admissions Office invites prospective students, their parents and friends to visit Graceland's Lamoni campus for an individual visit or one of several campus preview programs offered throughout the year. Please call 866-GRACELAND (866-472-2352) or visit us online at https://www.graceland.edu/visit (https://www.graceland.edu/visit) to make arrangements for your personalized visit.

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.

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)), a high school transcript with at least six semesters of work. Optional documents include ACT or SAT results. Documents should be sent to the Admissions Office, Graceland University, 1 University Place, Lamoni, Iowa 50140.

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

Although Graceland does not require a prescribed high school program or number of courses, to best prepare for your Graceland academic experience, 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

Everyone who applies to Graceland is evaluated individually. Admissions personnel pay special attention to:

- Academic (grade) success
- Level of course challenge
- Overall academic potential
- School and community involvement
- Character and personality

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 2.50 grade point average or above on a 4.00 system,OR meet the following criteria:

Rank in upper 50 percent of your high school class, and have either a minimum composite ACT score of 21 or a minimum combined SAT I score of 1060. Graceland does accept superscores.

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

Submit the following items for Admission

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

An official high school transcript with or without ACT or SAT scores

Students completing GED exams, **all GED tests**

ACT & SAT Test Scores

Effective immediately, Graceland will begin superscoring SAT and ACT scores. Superscoring means a college considers the highest section scores across all testing dates. For example, if you take the ACT twice, we will consider your highest Math, English, Reading, and Science section scores even if those didn't come from the same testing date.

Graceland strongly encourages students to submit scores each time they take either the SAT or the ACT.

Graceland will superscore both the SAT and the ACT.

Only the highest section scores for either the SAT or the ACT will be considered as part of the admissions review process.

Each time SAT or ACT scores are submitted, the student's record is updated with the new high section scores.

Graceland considers the highest SAT superscore or the highest ACT superscore.

If a student submits both SAT and ACT scores, Graceland will consider the highest superscore from either the SAT or the ACT, whichever is best.

ACT prep for college bound students (https://www.accreditedschoolsonline.org/resources/act-prep-guide/)
SAT prep guide (https://www.accreditedschoolsonline.org/resources/sat-prep-guide/)

General Educational Development (GED) and other state or nationally recognized test scores may be used as high school equivalency.

A student accepted with an ACT English score of 15 or below, or SAT English score of 480 or below, will be required to take Discourse I Lab (ENGL1110)

Exception: student completed two high school English courses, one of which must be or prominently require composition (not creative writing), and have scored a "C" or better in both.

A student accepted with an ACT Math score of 16 or below, or SAT Math score of 420 or below, will be required to take MATH1110 Mathematics Lab concurrently with Statistics or College Algebra.

Exception: student completed 2 years of high school math, one of which was Algebra, receiving a grade of "C" or better.

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.

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

A Placement Test will be required to determine proper placement in English and Math if ACT or SAT scores are not submitted.

Home School Students

Graceland welcomes applications from homeschooled students. We acknowledge the important contributions that homeschoolers make, both in the classroom and as part of student life. Graceland makes a deliberate effort to accommodate the special circumstances of homeschooled students during the admissions process.

To maintain a universal standard of achievement among applicants, while also allowing flexibility, Graceland requires two of the following three criteria:

Have either a minimum composite ACT score of 21 or a minimum combined SAT score of 1060. For athletic eligibility, the test results must come from official test centers on the national testing dates.

A portfolio demonstrating the breadth and depth of learning by the applicant. The portfolio may express the unique learning of the homeschooler during the years of high school or the last four years of learning. Admissions will assess the quality of the portfolio to determine whether it reflects sufficient preparation for success during college.

A homeschool transcript prepared by the teachers/parents, an independent or supervising teacher, or an organization with whom the student is registered or affiliated. The cumulative grade point average must be 2.50 or above based on a 4.00 system.

A further description (https://pubdocs.graceland.edu/Registrar/PortfolioInfo.pdf) of the portfolio and transcript is available from the Admissions Office.

Applicants who do not meet the above criteria may be considered individually. If accepted, they may be required to take developmental courses as specified in policies for admission of high school students.

A homeschooled student who has 24 or more college credits will need to comply with Graceland's transfer student policies.

Placement Test may be required – see High School Students section of Catalog.

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 TOEFL score of 62 (internet-based); or an IELTS equivalent score of 6.0; or a DuoLingo equivalent score of 90, is required for applicants whose primary language is not English. *If you are unable to access a testing location due to COVID-19 in your country, please contact your Admissions Counselor regarding alternative English proficiency assessment options.*

3. **Rank** in upper 50% of the class.
4. **Optional** – either a minimum composite ACT score of 21 or a minimum combined SAT score of 1060.
5. **Show Financial Support**. If applying for financial aid, an International Financial Aid Application is required. Advising and support services are provided by the Intercultural Office and the academic advisor. All forms are available through the Admissions Office or online.

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

Non-Traditional/Transfer Students

Non-Traditional Students, all applicants who have been out of high school for one or more years and have completed 23 or less college credit course. For acceptance guidelines, please refer back to traditional student guidelines. When applying, please complete transfer application.

Transfer students, to be considered for admissions an applicant has to have attended college full-time for at least two semesters and/or has accumulated 24 semester hours or more of credit with a 2.0 GPA or higher.

Submit the following items

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

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

Official transcripts from all colleges previously attended

Transfer students, including community and junior college transfers, who have earned 56 transferable semester hours with a grade point average of 2.00 based on a 4.00 point system, if accepted, will enter Graceland at junior standing.

Courses accepted for transfer will be accepted as credit only and will not carry grade points. Credit will be accepted for courses in which the student earned a grade of D- or better.

Credit or waiver through College Level Examination Program (CLEP) and Advanced Placement (AP) will be determined by Graceland upon receipt of the scores from the College Board and will not necessarily correspond with what the previous school may have awarded.

A detailed statement on transfer 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.

Recruiters are to consult with the VP of Enrollment 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 Dean of Admissions, or designee, on a case-by-case basis, and may include the following:

1. A written statement from the student answering the following questions:
   What factors have led to your below standard grade point average, test score, or class rank?
   What have you done, and when, to improve your academic or testing performance?
   What steps will you take at Graceland to set yourself up for success both academically and personally?
   What coping strategies do you utilize when managing stress?
   What are some challenges you anticipate you might face in college? How will you choose to respond?
2. Up-to-date High School transcripts including the most recently completed semester, when possible.
3. 2-3 Letters of recommendation, email, or reference-check-style interview, from a high school employee who can verify college readiness. The interview can be documented in a report and submitted for review by an Admissions Counselor, Coach, the VP of Enrollment, or their designee. The following information will be requested:
   Please describe __(name of prospective student)__ as a student and community member.
   Please describe their character/work ethic in the academic environment.
   Do you believe __(name of prospective student)__ is ready for college level academic work?

The Admissions Counselor, Coach, or VP of Enrollment, 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 VP of Enrollment, for review and acceptance decision. All other prospective students will be forwarded directly to the VP of Enrollment, or their designee.

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

The Admissions Counselor, Coach, the VP of Enrollment, 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 view equivalency listings go to the Transfer Evaluation System (TES) (https://tes.collegesource.com/publicview/TES_publicview01.aspx?rid=5fd6cdf3-11df-4d45-8c1a-181757ae0e09&aid=e5871490-8576-4bb5-af28-163e8079ac54) 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

Memorandum of Understanding
Culver-Stockton College, Canton, MO

3 + 2 Master of Athletic Training degree

Midland University, Fremont, NE

3 + 2 Master of Athletic Training degree, effective Summer 2020

Logan University, Chesterfield, MO

3 + 3 Doctor of Chiropractic degree

Palmer College of Chiropractic, Davenport, IA

3 + 1 Doctor of Chiropractic degree

For more information, please go to the following link: LINK HERE

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. Do not alter or falsify or misrepresent an academic document.
    2. Do not help someone alter or falsify an academic document.
    3. Do not communicate false information whether oral, written, electronic or nonverbal.
    4. Do not forge signatures.
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. 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.
    2. 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.
    3. Cite the source of paraphrased material and avoid excessive paraphrasing. Too much paraphrasing minimizes your contribution.
    4. 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.
3. CHEATING. The following list describes ways to avoid the most common forms of cheating.
    1. Do not give assistance to, or receive assistance from, another person, or use unauthorized notes, books, etc., when an examination or assignment is supposed to be your own work.
    2. Do not falsify research results or violate codes for the treatment of human or animal subjects.
    3. Do not violate the policies of proctors, preceptors or supervisors.
    4. Do not use an electronic copy of another person's work as the starting point of your own work without the instructor's permission.
    5. On collaborative works, include the names of all participants on any copies that are submitted for evaluation.

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 division chair, 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.

Probation: Students are placed on Probation when their cumulative grade point average (GPA) falls below the following, expressed in terms of semesters/trimesters of full-time college enrollment:

End of 1st semester (or at least 12 s.h. attempted): 1.70
End of 2nd semester (or at least 24 s.h. attempted): 1.80
End of 3rd semester (or at least 36 s.h. attempted): 1.90
End of 4th semester and after (or at least 48 s.h. attempted): 2.00

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

Continued Probation: Students who have been on probation for a semester/trimester, and do not achieve the required 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 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 at least a 1.0 grade point average for any semester will be academically dismissed.

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.

Grade changes and late receipt of college transfer work may affect probationary status at the time documentation is received by the Registrar's Office. Academic Dismissal, however, may occur only at the end of the regular semester/trimester.

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://my.graceland.edu/ICS/Student/Academics/Electronic_Forms.jnz?portlet=Contained_Form_Portlet&screen=FormView&form=9654c1db-328a-43b9-a1cf-4adf62886bc9) 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 my 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 Committee, 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 having more than two final examinations on a single day, as evidenced by the Final Examination Schedule, should be permitted to reschedule their examinations so as not to exceed two examinations on a single day. However, rescheduling will not be permitted for the first two exams on a single day based on the final exam schedule. The rescheduling needs to be determined before the last day of classes for the semester. If arrangements cannot be made on an informal basis, the Dean of Faculty will initiate a request for the student to be granted relief from having to take more than two exams on a single day. Travel arrangements are not justification for requesting changes in the final examinations 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 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 31 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://my.graceland.edu/ics/Student/Setup_GUest_Access.jnz (https://my.graceland.edu/ics/Student/Setup_GUest_Access.jnz) 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 My Graceland (https://my.graceland.edu/ICS/Student/Academics/Unofficial_Transcript.jnz).

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)

MY GRACELAND

If you have access to My Graceland, you may go to the Verify Enrollment or Order Transcripts Online (https://my.graceland.edu/ics/Student/Verify_Enrollment_or_Order_Transcripts_Online.jnz) link and follow an expedited transcript ordering process.

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://my.graceland.edu/ICS/Academics/Academic_Calendar_(Trimesters).jnz) in My Graceland.

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. Meet two of the three entry level requirements:
    1. Achieve a score of 18 or higher on the Enhanced ACT or a score of 860 or higher, achieved on the Critical Reading and Math sections of the SAT. The test score must be achieved at a single test sitting administered by a certified tester on a National or International 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.
    2. An overall high school grade point average of 2.00 or higher on a 4.00 scale.
    3. Graduate in the upper half of the student's high school graduating class.

    Students not meeting at least two of the three 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. 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 regularly, be punctual, and complete all work whether present or not. Whenever possible, the opportunity for making up coursework missed as a result of an excused absence is to be worked out between the instructor and the student upon the student's initiative.

Excused absences include the following:

1. The student has contacted the faculty member prior to the absence due to a University sponsored activity,
2. The student has contacted the faculty member prior to the absence and the faculty member concurs that the absence is unavoidable and legitimate.
3. 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.
4. 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, in which case the instructor is not obligated to provide an opportunity for making up coursework for credit.

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 be administratively dropped from the course. The Program Consultant or the Registrar's Office will contact students to determine intentions.
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. 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 dropped. 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.
   b. 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 (https://www.graceland.edu/catalog/credit-for-extra-institutional-learning#AP)
College Level Examination Program (CLEP) (https://www.graceland.edu/catalog/credit-for-extra-institutional-learning#CLEP)
Excelsior (https://www.graceland.edu/catalog/credit-for-extra-institutional-learning#EXC)
Experiential Learning Credit (https://www.graceland.edu/catalog/credit-for-extra-institutional-learning#EXP)
International Baccalaureate Diploma (https://www.graceland.edu/catalog/credit-for-extra-institutional-learning#IB)
Language Placement Examination (https://www.graceland.edu/catalog/credit-for-extra-institutional-learning#LANG)
Proficiency Exams (https://www.graceland.edu/catalog/credit-for-extra-institutional-learning#PROF)

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.

PURPOSE: 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, educational records.

DEFINITIONS:

Directory Information: Graceland designates the following as directory information: name, local and home address, local and home telephone number, e-mail address, date and place of birth, 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 by the student to the contrary prior to the start of classes each period of enrollment. Such writing should be delivered to the Office of Residence Life.

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.

Designated Records Custodians: The following positions are the designated record custodians and only those custodians should release the types of data listed in the first column:

Types of Data	Record Custodian

Admissions Records for students prior to enrollment for all programs administered by the Lamoni campus	Vice President for Enrollment Management
Admissions Records before and following enrollment for all programs administered by the Independence campus	Vice President for Enrollment Management
Admissions Records following enrollment for all programs administered by the Lamoni Campus	Vice President for Enrollment Management
Placement Records	Director, Office of Institutional Research
Cumulative Academic Records	Registrar
Discipline Records	Vice President for Student Life, Dean of Students
Employment Records for Students	Director of Human Resources
Financial Records for Students	Director of Student Financial Services
Health Records for Student Athletes	Director of Athletic Training
Health Records for Students in programs administered by Independence	Dean, School of Nursing
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

POLICY:

Access of Education Records

In accordance with Section 99.7 of the Family Education Rights and Privacy Act (FERPA) regulations to provide annual notification of students' FERPA rights, Graceland University includes such notification in the student handbook.

Student's inspection of education records: Students may inspect and review their education records upon request to the appropriate record custodian. 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:

The student has an unpaid or delinquent financial obligation to Graceland.

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 to the contrary prior to the start of classes.

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:

1. Performing a task that is specified in his or her position description or by a contract agreement.
2. Performing a task related to the student's education.
3. Performing a task 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 claimed as a dependent for income tax purposes.

To comply with a judicial order or a lawfully issued subpoena.

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 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 above). The student must identify the part of the 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 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. 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. 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. 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.
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. 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.

PROCEDURE:
In accordance with FERPA, academic information about a student will not be released unless written authorization is given by the student. However, Graceland officials may use discretion to release directory information (defined above) unless the student specifically requests otherwise following the process set forth above.

Approved: January 23, 2019

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.

NR – Not Recorded, no grade points.

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

(table of contents (https://www.graceland.edu/catalog/system-of-grading#TOC))

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

SUBJECT: General Transfer Credit Policy

PURPOSE: To delineate policy and procedures followed to award credit for course work taken at other colleges and universities.

POLICY:

1. For undergraduate programs, the Registrar has the responsibility for the evaluation and awarding of transfer credits according to university transfer policies.
2. For graduate programs, the appropriate school has the responsibility for the evaluation and awarding of transfer credits.
3. For 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. (See Procedure N.)
4. An unlimited number of collegiate-level semester hours 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 semester hours are acceptable (see procedure for clarification).
5. No coursework completed at other institutions (transfer work) is included in the calculation of the Graceland University GPA.
6. All graduation requirements as outlined in the current catalog must still be met by students who wish to transfer work to Graceland.
7. 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 s.h. 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 s.h. 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 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 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).

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

PROCEDURE:

1. 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).
2. A maximum of 16 semester hours of vocational-technical course work will be accepted as elective credit, if needed.
3. A maximum of 6 semester hours of physical education activities, including a maximum of 2 semester hours of intercollegiate sports, will be accepted.
4. A maximum of 8 semester hours of music ensemble credit will be accepted.
5. A maximum of 8 semester hours of English as a Second Language will be accepted.
6. A maximum of 6 semester hours of developmental or remedial coursework will be accepted.
7. Credit can be accepted according to the American Council on Education (ACE) Guide to Educational Credit by Examination. Score reports must be sent directly from the testing center to Graceland University for evaluation.
8. Credit for proficiency examinations taken at previous post-secondary institutions is not awarded.
9. Credit does not become obsolete, but application of some credit to a specific program at Graceland may be subject to review by department faculty.
10. Graceland's course number, as listed in the current catalog, is assigned to equivalent transfer courses.
11. An elective course number, "0000" for lower division courses or "4999" for upper division courses, is assigned to non-equivalent transfer courses.
12. Course titles and semester hours assigned by the sending institution are generally retained on the Graceland record.
13. Quarter hours are converted to semester hours; one quarter hour equals 2/3 of a semester hour.
14. 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. The transfer grades do not carry grade points.
15. 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.
16. 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.
17. 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.
18. 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) or International Credential Evaluations (InCred) 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.
19. 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 Success Studio, lower level of the Library. 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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Student Support Services – TRIO Program

The Student Support Services – TRIO program is sponsored by Graceland University and funded by a U.S. Department of Education grant. TRIO provides opportunities for academic development, assists students with basic university requirements and serves to motivate students toward the successful completion of their postsecondary education. The goal of TRIO Student Support Services is to increase the retention and graduation rates of its selected participants. Program eligibility is based on Department of Education income guidelines and first generation status (meaning whoever raised the student did not have a four year Bachelor's degree) or documented disability. The TRIO Program provides tutoring, academic advising, STEPS courses, financial literacy training, assistance applying for and understanding financial aid, peer mentoring, and advocacy. Eligibility does not insure program selection. Students can find an online application to TRIO in My Graceland once enrolled at Graceland University.

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://www.graceland.edu/student-life/support-services/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 both their writing and 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). You can get an appointment or see the Writing Center schedule by visiting our My Graceland page at: https://my.graceland.edu/ICS/Student/Writing_Center/ (https://my.graceland.edu/ICS/Student/Writing_Center/) or by emailing the Writing Center at writingcenter@gracleand.edu (mailto:writingcenter@graceland.edu). Lamoni students are also welcome to come by and have a drop-in appointment. Tutoring locations will be held in a variety of locations on campus that are convenient for students. Additionally, if no tutoring times work in your schedule, please email writingcenter@graceland.edu (mailto:writingcenter@graceland.edu), and if possible, other tutoring arrangements will be made

Tutoring Support: Lamoni campus students may request tutoring for any class a tutor is available and that is regularly attended by students in the class. These sessions are often in a group setting and offer a supplement to the course 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 group tutoring does not work in your schedule, or you feel that you may need extra support, please email tutoring@graceland.edu (mailto:tutoring@graceland.edu) and if possible, other tutoring arrangements will be made.

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

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TRIO Educational Talent Search

Since 1973, Graceland University Educational Talent Search (ETS) has served students ages 11-27 from northern Missouri and southern Iowa. The ETS program, which is funded by a TRIO grant from the U.S. Department of Education, selects 778 participants each academic year. The Talent Search program is designed to offer support services to low income, first generation students who have potential for postsecondary education, to encourage rigorous high school curriculum, to graduate from secondary school and enroll in postsecondary education as well as encourage dropouts to return to school. The ETS staff members provide educational services, and field trip opportunities in the areas of study skills, learning styles, careers, team building, tutoring, mentoring, college and job shadowing, ACT Test preparation, scholarship searches, financial literacy, FAFSA assistance, campus visits and in completing college entrance requirements and applications. The objective of the program is to encourage and assist all student participants to enroll, enter and successfully complete a college degree.

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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: 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. New to the library for the 2022-2023 academic year are a retro-computing lab for archiving, learning, and virtual machine labs.

For more information regarding library services and partnerships, please visit https://library.graceland.edu (https://library.graceland.edu/).

All Graceland Libraries offer drop-in remote research help twice daily via zoom. Sessions for remote assistance are from 10am-11am and 2pm-3pm. Follow the links at www.gracelandlibraries.org (https://www.gracelandlibraries.org) or https://graceland-edu.zoom.us/j/85967058773 (https://graceland-edu.zoom.us/j/85967058773) during those times.

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 curriculum assistant with scheduled hours for 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 UpToDate, CINAHL with full text, the Cochrane Library, Ovid Total Access, Nursing Essentials and Science Direct College Edition. 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 and a participating lender/borrower of Health Sciences Library Network of Kansas City, which is a consortium of 26 area cooperating medical libraries in Missouri and Kansas. Interlibrary loan is available to all students and faculty. Usually, it is free of charge. Most articles are electronically delivered throughout the network. A courier service also serves the entire Kansas City Health Sciences Library network, facilitating timely delivery of all print materials.

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

Graceland's Information Technology Services department provides services to Graceland University in many different forms. Those provided directly to all students include:

- Wi-Fi internet access in classrooms, residence halls, many public indoor spaces, and some outdoor locations
- An Office 365 account including student email, OneDrive storage, free downloads of Office and more
- Both black and white and color printing services including a $25 print credit each semester or trimester; with online self-service payment option to increase print account
- Network logon for access to university systems including Brightspace
- Access to My Graceland website
- Access to public computer labs located in the F.M. Smith Library, The Helene Center for the Visual Arts, Resch Science & Technology Hall and the Independence Campus
- Access to online library services
- Student check-out laptops for short-term use available in the F.M. Smith LIbrary and on the Independence Campus
- Campus security including cameras and card access locks
- Projectors and sound systems in classrooms

In addition, students staying in residence halls and apartments receive the following service:

- Data network connection for personal computers, which includes access to the Internet.

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Testing Program

Graceland University participates in both the ACT and SAT testing programs. The ACT or SAT must be taken at an approved test center during a student's junior or senior year in high school. In extreme circumstances, a student may be able to take the ACT on the Graceland campus during new student orientation.

The Academic Policies and Procedures (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/academic-policies-and-procedures/)section provides information about credit by examination accepted at Graceland.

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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]
- Criminal Justice (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/criminal-justice/)[2]
- Elementary Education (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/elementary-education/)[1,4]
- 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/)[1,4]

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

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/)

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

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

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/)

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/)

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

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
[4]Trenton, Missouri

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/)

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/)

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

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

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

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/)

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

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

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

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/)

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

[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 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 Compostion 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

MUSC3340 Musical Citizenship: Artistic Activism and Social Justice

MUSC3350 From Louis Armstrong to Lady Gaga: A History of American Popular Music

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

THTR1230 Theatre and Society

3 credits total in a theatre production (THTR2350 or THTR4350)

Histories (3 s.h.)

HIST1200 History of the African Diaspora

HIST1320 World Civilizations II

HIST2420 United States History Since 1877

Humanities (3 s.h.)

COMM1250 Introduction to Communication Theory

COMM2110 Intercultural Communication

COMM2500 Introduction to Mass Media

ENGL2370 World Literatures

ENGL2903 Topics in Literature

ENGL3480 Cultural Studies

Natural Sciences (4 s.h. which requires a laboratory experience)

BIOL/CHEM1200 Environmental Science

BIOL2580 Drug Development and Society

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)

BIOL2580 Drug Development and Society 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

COMM1100 Foundations of Public Speaking

COMM1250 Introduction to Communication Theory

COMM2110 Intercultural Communication

COMM2300 Introduction to Media Technologies

COMM2500 Introduction to Mass Media

ECON1300 Principles of Macroeconomics

ECON1320 Principles of Microeconomics

EDUC2120 Human Relations

ENGL1100 Composition I: Introduction to Writing

ENGL2110 Composition II: Research Writing and Argumentation

ENGL2370 World Literature

ENGL2903 Topics in Literature

ENGL3480 Cultural Studies

HIST1200 History of the African Diaspora

HIST1320 World Civilizations II

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

MUSC3340 Musical Citizenship: Artistic Activism and Social Justice

MUSC3350 From Louis Armstrong to Lady Gaga: A History of American Popular Music

PSYC1300 Introductory Psychology

PSYC2250 Developmental Psychology

SCIE1200 Integrated Science with Lab

THTR1230 Theatre and Society

THTR2350 Theatre Production Studies

THTR4350 Advanced Theatre Production Studies

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

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, 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

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: MATH1280 and CHEM1310 or one year of high school chemistry. 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. In order for students to complete the foundation skills sequence, they must earn a grade of C or higher in this class. Prerequisite C or better in ENGL1100. ELO1B Communications, GE1B Foundational Skills-Writing and Communication.

COMM1250 Introduction to Communication Theory - 3 s.h.

Survey of the major theories that support research and study of communication, such as interpersonal communication, organizational communication, rhetoric, media, culture, and ethics. The course gives students a foundation in communication vocabulary, basic knowledge of key theories, and an introduction to practical application of theory to human communication. Offered every Fall. ELO5 Humanities - Innovation, GE3C Liberal Learning-Humanities

GE3C Liberal Learning-Humanities.

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.

COMM2300 Introduction to Media Technologies - 3 s.h.

Introduction to the primary mass media forms - newspapers, books, magazines, radio, television, sound recording, movies, and the Internet - to gain an understanding of the ways they operate. Included are industries based on mass media, journalism, advertising, and public relations?as well mass media theory, law, and ethics. Emphasis on critical thinking about the mass media. +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. Goal 1C, 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. Goal 1C, 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. In order for students to complete the foundation skills sequence, they must earn a grade of C or higher in this class. In order to move on to COMM1100, students must earn the grade of a "C" or higher. Corequisite for students with ACT English score of 15 and below, or an SAT English score of 480 and below: ENGL1110 unless they have taken two high

score of 15 and below, or an SAT English score of 480 and below: ENGL1110 unless they have taken two high school English courses, one of which must be or prominently require composition (not creative writing), with a grade of "C" or better in both. ELO1A Communication, GE1A Foundational Skills-Writing and Communication. Corequisite for students with ACT English score of 15 and below, or an SAT English score of 480 and below: ENGL1110 unless they have taken two high school English courses, one of which must be or prominently require composition (not creative writing), with a grade of "C" or better in both. 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. In order for students to complete the foundational skills sequence, they must earn a grade of C or higher in this class. Prerequisite C or better in ENGL1100 and COMM1100. ELO1B Communication, GE1C Foundational Skills-Writing and Communication.

ENGL2370 World Literature - 3 s.h.

Examines literary works by authors from a broad range of artistic and cultural traditions, emphasizing literature in translation. Designed to offer students an introduction to literature as a point of access into global communities. Goal 2B, ELO5 Humanities - World Citizenship, ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

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

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. +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. Goal 4, ELO5 Histories - Equality, ELO5 Histories - Equality and Peace, GE3B Liberal Learning-Histories.

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. Goal 4, ELO5 Histories - World Citizenship, ELO5 Histories - Innovation, 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. Goal 1B, ELO5 Histories - Innovation, GE3B Liberal Learning-Histories.

Goal 1B, 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 Discourse I. 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 Discourse II. 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, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1280 College Algebra - 3 s.h.

Solutions of polynomial, rational and radical equations, systems of equations, matrices, sequences, series, functions, exponentials. Prerequisite: 2 years high school algebra. 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. Prerequisite: 1 year high school algebra; geometry recommended. 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. Prerequisite: 1 year high school algebra. 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. Prerequisite: 1 year high school algebra. 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. Prerequisite: 2 years high school algebra. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1510 Calculus I - 4 s.h.

Limits, continuity, differentiation, and applications including exponential, logarithmic, trigonometric, and

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.

MUSC3340 Musical Citizenship: Artistic Activism and Social Justice - 3 s.h.

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? Music has long been used by movements seeking social change. People from around the world have used music as a platform to speak up and sing out about injustices. 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. From protest songs of the Civil Rights Movement, to music concerts for charity causes, to freedom songs of the African Americans, to the Singing Revolution of the country of Estonia, to songs of the LGBTQ movement, to the Sigauque Project in Mozambique, to the protest songs of the American union movement... and so on. Through readings, discussion, and in-depth analysis of these different songs and movements, students would gain knowledge of efforts to bring about both cultural and social change throughout the world. ELO5 Arts - Equality and Peace, GE3A Liberal Learning-Arts.

MUSC3350 From Louis Armstrong to Lady Gaga: A History of American Popular Music - 3 s.h.

This course examines the historical significance of popular music in the United States from the late nineteenth century to the present. This course will focus on learning how to describe and identify the musical characteristics that differentiate American popular music styles and how they have evolved to create new styles within the pop genre, by focusing on the historical, socio-cultural, political, and economic forces. No formal musical training is necessary to enroll in the course. 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. Goal 1C, 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

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

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.

THTR2350 Theatre Production Studies - 0-3 s.h.
Participation in a theatrical production: acting, directing, technical production, design. (Total credits accumulated in this course plus THTR4350 may not exceed eight.) Students approved for credit work in this course by faculty-director must contribute a minimum of 35 clock hours of activity, which shall be exclusive of assignments, and activities pertaining to other courses. Goal 2A.

THTR4350 Advanced Theatre Production Studies - 0-3 s.h.
Participation in a theatrical production: acting, directing, technical production, design. Students approved for credit work in this course by faculty-director must complete a minimum of 35 clock hours of activity which shall be exclusive of assignments and activities pertaining to other courses. Prerequisite: THTR2350 and junior or senior standing. (Total credits accumulated in this course plus THTR2350 may not exceed 8.) Goal 2A.

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 16 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. (16 s.h.)

LEAD1100 Self-Leadership I

LEAD1200 Self-Leadership II

LEAD2100 Group Leadership I

LEAD2200 Group Leadership II

LEAD3100 Organizational Leadership I

LEAD3200 Organizational Leadership II

LEAD4100 Life and Leadership Practicum I

LEAD4200 Life and Leadership Practicum II

Courses Offered

LEAD1100 Self-Leadership I

LEAD1200 Self-Leadership II

LEAD2100 Group Leadership I

LEAD2200 Group Leadership II

LEAD3100 Organizational Leadership I

LEAD3200 Organizational Leadership II

LEAD4100 Life and Leadership Practicum I

LEAD4200 Life and Leadership Practicum II

Course Descriptions

LEAD1100 Self-Leadership I - 2 s.h.

Self-Leadership I introduces students to college life and foundational life and leadership skills with the orientation of the student as the person of interest. Students will complete Orientation to College Life, recognize inside-and-outside-the-classroom opportunities, assess personal talents, define leadership orientations, identify personal strengths/weaknesses, and recognize areas for personal growth and improvement. Students will be introduced to Graceland's five Learning Outcomes: Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship.

LEAD1200 Self-Leadership II - 2 s.h.

Self-Leadership II builds upon concepts from Orientation to College Life, continues to develop students' foundational life and leadership skills, and challenges students to expand/reflect upon inside-and-outside-the-classroom involvement. Students will expand on Orientation to College Life including themes centering around communication, organization, collaboration, listening, and self-awareness. Students will grow co-curricular circles, develop inside-and-outside-the-classroom identity, recognize leadership styles, and continue reflection of self-growth and leadership development. Students will identify how Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship are integrated into learning at Graceland.

LEAD2100 Group Leadership I - 2 s.h.

Group Leadership I translates personal life and leadership skills into the group setting while introducing additional complementary topics such as: extrinsic/intrinsic motivation, emotional intelligence, inclusivity, trust, group dynamics, and group roles. Students will enroll in, complete, and reflect upon one of the SkillPath Leadership Academy courses. Students will understand the roles of Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship in group leadership.

LEAD2200 Group Leadership II - 2 s.h.

Group Leadership II continues to translate personal life and leadership skills into additional group settings while further developing skills such as: extrinsic/intrinsic motivation, emotional intelligence, inclusivity, trust, group dynamics, and group roles. Students will enroll in, complete, and reflect upon one of the SkillPath Leadership Academy courses. Students will discuss applications of Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship in group leadership.

LEAD3100 Organizational Leadership I - 2 s.h.

Organizational Leadership I 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 one of the SkillPath Leadership Academy courses. Students will apply Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship in organizational leadership.

LEAD3200 Organizational Leadership II - 2 s.h.

Organizational Leadership II further expands leadership skills beyond individuals and groups in the organizational level. Students will further develop social intelligence, conflict management and resolution, bias assessment, information collection, and evidence assessment. Students will enroll in, complete, and reflect upon one of the SkillPath Leadership Academy courses. Students will apply Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship in organizational leadership.

LEAD4100 Life and Leadership Practicum I - 2 s.h.

Life and Leadership Practicum I is a transition course for seniors. Students will conclude and reflect upon skills/tools from leadership of self, groups, and organizations while introducing skills necessary for success and meaning beyond Graceland University. Students will explore change management, psychological resiliency, and financial education. Students will enroll in, complete, and reflect upon one of the SkillPath Leadership Academy courses. Students will evaluate their own ability to apply Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship in a leadership role at Graceland.

LEAD4200 Life and Leadership Practicum II - 2 s.h.

Life and Leadership Practicum II is the capstone to the LEAD series at Graceland 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. Students will enroll in, complete, and reflect upon one of the SkillPath Leadership Academy courses. Students will evaluate their own ability to apply Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship in current and future leadership roles.

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 2 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]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.

[4]Students transferring will join the sequence during their first semester at Graceland. Only first-time freshman and transfer freshman entering Graceland during the 2022-23 academic year are required to complete this sequence.

[5]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 only ceremony for those earning graduate degrees during the academic year – MEd, MAR, MNHP, MS, MSN, and DNP. Verification by the Registrar that all degree requirements are anticipated to be completed by the end of the spring trimester will permit participation in the Fall Ceremony. Petitions are not required for these graduates to participate.
    2. The only ceremony for those earning School of Nursing baccalaureate degrees during that academic year — BA, BAH, BSN, and BSNH. Verification by the Registrar that all degree requirements are anticipated to be completed by the end of the spring trimester will permit participation in the Fall Ceremony. Petitions are not required for these graduates to participate.

    3. An optional ceremony for all other baccalaureate graduates during the academic year. Petitions (https://pubdocs.graceland.edu/Registrar/StdPetFrm.pdf) 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. The ceremony for those earning baccalaureate degrees during the academic year, excluding School of Nursing BA, BAH, BSN and BSNH. Petitions (https://pubdocs.graceland.edu/Registrar/StdPetFrm.pdf) 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 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.

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 Council, 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:

Twelve hours of required honors courses:
HONR2010 Honors 201 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.

Nine hours of specially designed honors courses:
Three 3 s.h. honors courses earned through specially designed individual study, honors contracts that convert regular class offerings to honors courses, or specially designed honors offerings.

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.

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 Discourse I. 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 Discourse II. 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.

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 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
LEAD		Leadership
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

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
HMSV		Human Services
HIST	47	History
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
General		
CRPL		Career Planning
CTED	81	Continuing Education
DEVL	90	Developmental

GNRL	80	General Elective
GOAL		General Education Goal
LBST	72	Liberal Studies
ORIE	80	Orientation
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.
- ACCT3240 Global Issues in Accounting – 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.
- ACCT4200 Seminar in Accounting – 3 s.h.
- ECON2100 Introductory Economic Data Analysis – 3 s.h.

Courses Required for General Education:

- ECON1320 Principles of Microeconomics – 3 s.h.
- MATH1500 Applied Calculus – 3 s.h.
- MATH1370 Statistics for Sciences – 3 s.h.

Students planning to sit for the CPA Exam will need additional hours. Acoounting majors are encoured 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

ACCT3240 Global Issues in Accounting

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

ACCT4200 Seminar in Accounting

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 and either BUAD1420 or MATH1510.

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.

ACCT3240 Global Issues in Accounting - 3 s.h.

Addresses the professional challenges, the social contexts of the accounting discipline, and specific discipline based global issues. This course also introduces the impact of Artificial intelligence, Blockchain, Cloud computing and Data analytics on global accounting. Prerequisites: ACCT2310 and ACCT2320.

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).

ACCT4200 Seminar in Accounting - 3 s.h.
An analysis of the problem of business and the functions of management in the determination of business policy in the various functional areas of the enterprise with extensive analysis of Financial Statements (Balance Sheets, Income Statements, and Cash Flow Statements). Prerequisites: ACCT3460, BUAD3320, BUAD3330, BUAD3380, and MATH1370.

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. Goal 1C, 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. Prerequisite: 1 year high school algebra. 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. Prerequisite: 2 years high school algebra. 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

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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 and either BUAD1420 or MATH1510.

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.

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

ACCT3240 Global Issues in Accounting

ACCT3310 Tax Accounting

ACCT3360 Intermediate Accounting I

ACCT3400 Cost Accounting for Managerial Control and Strategic Planning

ACCT3460 Intermediate Accounting II

ACCT3900 Topics in Accounting

ACCT4000 Individual Study

ACCT4100 Auditing Concepts and Applications – A Risk Analysis Approach

ACCT4120 Internship in Accounting

ACCT4200 Seminar 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 and either BUAD1420 or MATH1510.

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.

ACCT3240 Global Issues in Accounting - 3 s.h.
Addresses the professional challenges, the social contexts of the accounting discipline, and specific discipline based global issues. This course also introduces the impact of Artificial intelligence, Blockchain, Cloud computing and Data analytics on global accounting. Prerequisites: ACCT2310 and ACCT2320.

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.

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).

ACCT4200 Seminar in Accounting - 3 s.h.

An analysis of the problem of business and the functions of management in the determination of business policy in the various functional areas of the enterprise with extensive analysis of Financial Statements (Balance Sheets, Income Statements, and Cash Flow Statements). Prerequisites: ACCT3460, BUAD3320, BUAD3330, BUAD3380, and MATH1370.

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.

AGRI1300 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.

BUAD3330 Principles of Marketing – 3 s.h.

BUAD3340 Business Law – 3 s.h.

BUAD4200 Seminar in Business Policy – 3 s.h.

ECON1300 Principles of Microeconomics – 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.

MATH1360 Statistics for Critical Thinking – 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

AGRI1300 Global Innovation in Crop Production and Soil Management

AGRI2100 Agricultural Management and Markets

AGRI3100 Agricultural Finance and Resource Allocation

BUAD3330 Principles of Marketing

BUAD3340 Business Law

BUAD4200 Seminar in Business Policy

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

AGRI1300 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.

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.

BUAD3330 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 and junior standing.

BUAD3340 Business Law - 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.

BUAD4200 Seminar in Business Policy - 3 s.h.

An analysis of the problem of business and the functions of management in the determination of business policy in the

various functional areas of the enterprise. Prerequisites: BUAD3320, BUAD3330, BUAD3380, 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. Goal 1C, 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. Goal 1C, 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. Prerequisite: 2 years high school 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. Prerequisite: 1 year high school algebra. 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.

Goal 1C, ELO5 Social Science - Sustainability

Agricultural Plant and Animal Sciences Minor

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

AGRI1300 Crop Production and Soil Management – 3 s.h.
BIOL1500 Biology I – 4 s.h. **or**
BIOL1520 Biology II – 4 s.h.
BIOL2430 Animal Biology – 4 s.h.
BIOL2440 Plant Biology – 4 s.h.
BIOL/CHEM1200 Environmental Science – 4 s.h.

Courses Offered

AGRI1300 Global Innovation in Crop Production and Soil Management

BIOL1500 Biology I with Lab

BIOL1520 Biology II with Lab

BIOL2430 Animal Biology with Lab

BIOL2440 Plant Biology with Lab

CHEM1200 Environmental Science with Lab (also BIOL1200)

Course Descriptions

AGRI1300 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.

BIOL2430 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. Additional fee required. Prerequisite: BIOL1500, BIOL1520 or instructor's consent. +This course is only offered every other year.

BIOL2440 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. Additional fee required. Prerequisite: BIOL1500, 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.

Course list - Agricultural Business

Courses Offered

AGRI1200 Sustainable International Agriculture

AGRI1300 Global Innovation in Crop Production and Soil Management

AGRI2100 Agricultural Management and Markets

AGRI3100 Agricultural Finance and Resource Allocation

AGRI3700 Internship in Agricultural Business

AGRI3900 Topics in Agricultural Business

AGRI4700 Agricultural Business Practicum

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

AGRI1300 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.

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.

AGRI3700 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.

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.

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. Additional fee required. 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.

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 Illustration and Imaging – 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 Interactive Design OR ARTS3220 Photography – 3 s.h.

Courses Offered

ARTS1710 Graphic Design 2

ARTS3220 Photography

ARTS3620 Illustration and Imaging

ARTS3630 Graphic Design 3

ARTS3640 Interactive Design

COMM2500 Introduction to Mass Media

COMM3140 Rhetorical Criticism and Persuasion

CSIT1060 Introduction to Web Programming

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 Graphics for Art & Design.

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 Illustration and Imaging - 3 s.h.

Exploration into image making and visual story telling with an emphasis in illustration, 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 Interactive Design - 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 Programming - 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

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

ARTS3260 Experimental Media and Processes

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. Additional fee required. 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

ARTS3260 Experimental Media and Processes - 3 s.h.

Exploration of experimental materials, processes and technologies to create hybrid art forms. Emphasis on innovative visual problem-solving through inquiry and research. Additional fee required. Prerequisite: ARTS1220. +This course is only offered every other year.

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

COMM2300 Introduction to Media Technologies

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 Graphics for Art & Design.

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.

COMM2300 Introduction to Media Technologies - 3 s.h.

Introduction to the primary mass media forms - newspapers, books, magazines, radio, television, sound recording, movies, and the Internet - to gain an understanding of the ways they operate. Included are industries based on mass media, journalism, advertising, and public relations?as well mass media theory, law, and ethics. Emphasis on critical thinking about the mass media. +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.

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 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 ART MAJORS WHO WANT AN ELEMENTARY ENDORSEMENT (K-8). Students majoring in Art who desire Iowa Teacher Certification with a K-8 Art 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/) (5-12 grade level requirements), substituting ARTS3300 and EDUC4400 for ARTS4350 and EDUC4420, respectively.
4. 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

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 Photogrpahy – 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

ARTS3260 Experimental Media and Processes

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. Additional fee required. 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. Goal 2A

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

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

ARTS3260 Experimental Media and Processes - 3 s.h.

Exploration of experimental materials, processes and technologies to create hybrid art forms. Emphasis on innovative visual problem-solving through inquiry and research. Additional fee required. Prerequisite: ARTS1220. +This course is only offered every other year.

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

attention to lesson preparation and material discovery. Additional fee required. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program. Goal 2A +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

ARTS2220 Advanced Drawing

ARTS2240 Art for Social Change

ARTS2250 Painting

ARTS2330 Art History: Innovation and Politics

ARTS2600 Professional Practices

ARTS2900 Topics in Art

ARTS3000 Individual Study

ARTS3110 Art History: Activism, Empathy and Justice

ARTS3200 Printmaking

ARTS3220 Photography

ARTS3240 Eco Art & Ceramics

ARTS3260 Experimental Media and Processes

ARTS3280 Sculpture and New Genres

ARTS3300 Art for the Elementary Schools

ARTS3620 Illustration and Imaging

ARTS3630 Graphic Design 3

ARTS3640 Interactive Design

ARTS3820 Portfolio Development

ARTS3840 Interdisciplinary Studio

ARTS3900 Topics in Art

ARTS4100 Systems Development Project (also CSIT4100)

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. Additional fee required. 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 Graphics for Art & Design.

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. Goal 2A

ARTS2000 Individual Study - 1-3 s.h.
Goal 2A

ARTS2220 Advanced Drawing - 3 s.h.
This course reinforces, refines and further develops the skills of direct observation established in Drawing while exploring and analyzing conceptual strategies in dialogue with contemporary art through the use of color, thematic development and experimental approaches that push the boundaries of what we define as drawing. Additional fee required. +This course is only offered every other year.

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.

ARTS2600 Professional Practices - 3 s.h.
This course focuses on career preparation and opportunities for visual artists and designers. Focus is on equipping students with professional tools and business skills including goal setting, professional ethics, contracts, and portfolio basics including cover letters, statements, resumes and documentation of artwork. Exhibitions in galleries, museums, alternative spaces, networking and public relations, arts advocacy, applying for grants and residencies, internships, jobs and graduate school will be covered. +This course is only offered every other year.

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. Goal 2A

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

ARTS3260 Experimental Media and Processes - 3 s.h.
Exploration of experimental materials, processes and technologies to create hybrid art forms. Emphasis on innovative visual problem-solving through inquiry and research. Additional fee required. Prerequisite: ARTS1220. +This course is only offered every other year.

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 Illustration and Imaging - 3 s.h.
Exploration into image making and visual story telling with an emphasis in illustration, 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 Interactive Design - 3 s.h.

Introduction into the principles of interactivity through interface, web, and information design. Additional fee required. Prerequisite: ARTS1210, ARTS1680 and ARTS1710.

ARTS3820 Portfolio Development - 3 s.h.

An advanced study of multi-level design such as packaging and branding, to create a resume and portfolio focused on a career in visual communications graphic design. Focus on presentation skills and exhibit display appropriate for the medium (matting, layout, mounting, mock-up, etc.). Additional fee required. Prerequisite: ARTS3630. +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.

ARTS4100 Systems Development Project (also CSIT4100) - 1-3 s.h.

(Also CSIT4100) 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. Additional fee required. Prerequisite: Instructor’s consent.

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. Goal 2A +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.
ACCT2320 Managerial Accounting – 3 s.h.
BUAD1100 Introduction to Business – 3 s.h.
BUAD3320 Principles of Management – 3 s.h.
BUAD3340 Business Law – 3 s.h.
BUAD3380 Principles of Business Finance – 3 s.h.
BUAD3450 Organizational Behavior – 3 s.h.
ACCT4200 Seminar in Accounting **or**
BUAD4200 Seminar in Business Policy – 3 s.h.
CSIT3500 Management of Information Systems – 3 s.h.
ECON1300 Principles of Macroeconomics – 3 s.h.
ECON2100 Introductory Economic Data Analysis – 3 s.h.
Electives in Accounting, Agricultural Business, Business Administration, Economics, or Sport Management – 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 Business Management:

Internship in Business Management

Other Recommendations:

Leadership Academy Certificate

Courses Offered

ACCT2310 Financial Accounting

ACCT2320 Managerial Accounting

ACCT4200 Seminar in Accounting

BUAD1100 Introduction to Business

BUAD3320 Principles of Management

BUAD3340 Business Law

BUAD3380 Principles of Business Finance

BUAD3450 Organizational Behavior

BUAD4200 Seminar in Business Policy

CSIT3500 Management of Information Systems

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.

ACCT2320 Managerial Accounting - 3 s.h.

The selection and analysis of accounting information for internal use by management. Prerequisite: ACCT2310 and either BUAD1420 or MATH1510.

ACCT4200 Seminar in Accounting - 3 s.h.

An analysis of the problem of business and the functions of management in the determination of business policy in the various functional areas of the enterprise with extensive analysis

various functional areas of the enterprise with extensive analysis of Financial Statements (Balance Sheets, Income Statements, and Cash Flow Statements). Prerequisites: ACCT3460, BUAD3320, BUAD3330, BUAD3380, and MATH1370.

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.

BUAD3320 Principles of Management - 3 s.h.
Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing. Goal 6

BUAD3340 Business Law - 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.

BUAD3380 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: ACCT2320, ECON1320, MATH1360 and 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.

BUAD4200 Seminar in Business Policy - 3 s.h.
An analysis of the problem of business and the functions of management in the determination of business policy in the various functional areas of the enterprise. Prerequisites: BUAD3320, BUAD3330, BUAD3380, and MATH1360.

CSIT3500 Management of Information Systems - 3 s.h.
Study of the fundamentals of information technology and how they support and interact with business organizations. Emphasis is on building a broad, basic technology framework.

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. Goal 1C, 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. Goal 1C, 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. Prerequisite: 2 years high school 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. Prerequisite: 1 year high school algebra. 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.
- BUAD3320 Principles of Management – 3 s.h.
- CSIT3500 Management of Information Systems – 3 s.h.
- ECON1320 Principles of Microeconomics – 3 s.h.
- ECON2100 Introductory Economic Data Analysis – 3 s.h.

Courses Offered

ACCT2310 Financial Accounting

BUAD1100 Introduction to Business

BUAD3320 Principles of Management

CSIT3500 Management of Information Systems

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.

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.

BUAD3320 Principles of Management - 3 s.h.

Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing. Goal 6

CSIT3500 Management of Information Systems - 3 s.h.

Study of the fundamentals of information technology and how they support and interact with business organizations. Emphasis is on building a broad, basic technology framework.

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. Goal 1C, 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

- BUAD3210 Social Media Marketing – 3 s.h.
- BUAD3330 Principles of Marketing – 3 s.h.

BUAD4430 Marketing Strategies – 3 s.h.

SPMT3300 Sport Marketing – 3 s.h.

Management

BUAD3250 Entrepreneurship and Free Enterprise – 3 s.h.

BUAD3320 Principles of Management – 3 s.h.

BUAD3400 Small Business Ventures and Entrepreneurship – 3 s.h.

BUAD3450 Organizational Behavior – 3 s.h.

BUAD3460 Operations Management – 3 s.h.

Entrepreneurship

ACCT2320 Managerial Accounting- 3 s.h.

BUAD3250 Entrepreneurship and Free Enterprise – 3 s.h.

BUAD3330 Principles of Marketing – 3 s.h.

BUAD3400 Small Business Ventures and Entrepreneurship – 3 s.h.

General Business

ACCT2320 Managerial Accounting – 3 s.h.

BUAD3320 Principles of Management – 3 s.h.

BUAD3330 Principles of Marketing – 3 s.h.

BUAD3340 Business Law – 3 s.h.

BUAD3380 Principles of Business Finance – 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

BUAD2350 Free Market Practicum

BUAD3210 Social Media Marketing

BUAD3250 Entrepreneurship and Free Enterprise (also ECON3250)

BUAD3320 Principles of Management

BUAD3330 Principles of Marketing

BUAD3340 Business Law

BUAD3350 Free Market Practicum

BUAD3380 Principles of Business Finance

BUAD3400 Small Business Ventures and Entrepreneurship

BUAD3450 Organizational Behavior

BUAD3460 Operations Management

BUAD3650 Business Connections

BUAD4430 Marketing Strategies

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 and either BUAD1420 or MATH1510.

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.

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. Prerequisite: BUAD3330 Principles of Marketing or ARTS1680 Computer Graphics for Art & Design or COMM1250 Introduction to Communication Theory.

BUAD3250 Entrepreneurship and Free Enterprise (also ECON3250) - 3 s.h.
To study and hear from the cast of entrepreneurs who have been, or are involved, in the drama of U.S. business. To help each student evaluate their own spirit and personality to see if they have entrepreneurial skills and talents. Prerequisite: ECON1320. +This course is only offered every other year.

BUAD3320 Principles of Management - 3 s.h.

Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing. Goal 6

BUAD3330 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 and junior standing.

BUAD3340 Business Law - 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.

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.

BUAD3380 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: ACCT2320, ECON1320, MATH1360 and junior standing.

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.

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.

BUAD3460 Operations 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.

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.

BUAD4430 Marketing Strategies - 3 s.h.
A focus on the development of decision-making skills in marketing. Concepts and tools are applied to frame and solve real-world problems facing marketing managers engaged in developing optimal marketing strategies. Prerequisite: BUAD3330.

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. Goal 1C, 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. Goal 1C, 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.

Teacher Certification in Business

FOR BUSINESS ADMINISTRATION MAJORS WHO WANT A SECONDARY BUSINESS ENDORSEMENT (5-12):
Students majoring in Business Administration who desire Iowa Teacher Certification with a Business (5-12) endorsement must complete the Secondary Education Program (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 Entrepreneurship from the following:

BUAD3250 Entrepreneurship and Free Enterprise – 3 s.h.

BUAD3400 Small Business Ventures and Entrepreneurship – 3 s.h.

Or other approved entrepreneurship elective – 3 s.h.

3 s.h. in Financial Literacy:

BUAD1400 Personal Finance – 3 s.h.

3 s.h. in Marketing from the following:

BUAD3210 Social Media Marketing – 3 s.h.

BUAD4430 Marketing Strategies – 3 s.h.

SPMT3300 Sport Marketing – 3 s.h.

Note: Each of the courses in these three areas also satisfies a portion of the 9 s.h. of required electives in the Business Administration major.

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 Program (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:

ACCT2310 Financial Accounting – 3 s.h.

ACCT2320 Managerial Accounting – 3 s.h.

BUAD1400 Personal Finance – 3 s.h.

BUAD3320 Principles of Management – 3 s.h.

BUAD3330 Principles of Marketing – 3 s.h.

BUAD3340 Business Law – 3 s.h.

BUAD3380 Principles of Business Finance – 3 s.h.

BUAD4200 Seminar in Business Policy – 3 s.h.

CSIT3500 Management of Informational Systems – 3 s.h.

ECON1300 Principles of Macroeconomics – 3 s.h.

ECON1320 Principles of Microeconomics – 3 s.h.

3 s.h. in Marketing from the following:

BUAD3210 Social Media Marketing – 3 s.h.

BUAD4430 Marketing Strategies – 3 s.h.

SPMT3300 Sport Marketing – 3 s.h.

3 s.h. in Entrepreneurship from the following:

BUAD3250 Entrepreneurship and Free Enterprise – 3 s.h.

BUAD3400 Small Business Ventures and Entrepreneurship – 3 s.h.

or other approved entrepreneurship elective

Courses Offered

ACCT2310 Financial Accounting

ACCT2320 Managerial Accounting

BUAD1400 Personal Finance

BUAD3210 Social Media Marketing

BUAD3250 Entrepreneurship and Free Enterprise (also ECON3250)

BUAD3320 Principles of Management

BUAD3330 Principles of Marketing

BUAD3340 Business Law

BUAD3380 Principles of Business Finance

BUAD3400 Small Business Ventures and Entrepreneurship

BUAD3800 Methods of Teaching Business

BUAD4200 Seminar in Business Policy

BUAD4430 Marketing Strategies

CSIT3500 Management of Information Systems

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 and either BUAD1420 or MATH1510.

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. Prerequisite: BUAD3330 Principles of Marketing or ARTS1680 Computer Graphics for Art & Design or COMM1250 Introduction to Communication Theory.

BUAD3250 Entrepreneurship and Free Enterprise (also ECON3250) - 3 s.h.
To study and hear from the cast of entrepreneurs who have been, or are involved, in the drama of U.S. business. To help each student evaluate their own spirit and personality to see if they

have entrepreneurial skills and talents. Prerequisite: ECON1320. +This course is only offered every other year.

BUAD3320 Principles of Management - 3 s.h.
Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing. Goal 6

BUAD3330 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 and junior standing.

BUAD3340 Business Law - 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.

BUAD3380 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: ACCT2320, ECON1320, MATH1360 and junior standing.

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.

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.

BUAD4200 Seminar in Business Policy - 3 s.h.
An analysis of the problem of business and the functions of management in the determination of business policy in the various functional areas of the enterprise. Prerequisites: BUAD3320, BUAD3330, BUAD3380, and MATH1360.

BUAD4430 Marketing Strategies - 3 s.h.
A focus on the development of decision-making skills in marketing. Concepts and tools are applied to frame and solve real-world problems facing marketing managers engaged in developing optimal marketing strategies. Prerequisite: BUAD3330.

CSIT3500 Management of Information Systems - 3 s.h.
Study of the fundamentals of information technology and how they support and interact with business organizations. Emphasis is on building a broad, basic technology framework.

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. Goal 1C, 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. Goal 1C, 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.

Course list - Business Administration

Courses Offered

BUAD1100 Introduction to Business

BUAD1400 Personal Finance

BUAD1420 Math for Decision Making

BUAD2000 Individual Study

BUAD2350 Free Market Practicum

BUAD3000 Individual Study

BUAD3200 Business Ethics

BUAD3210 Social Media Marketing

BUAD3240 Marketing Analytics

BUAD3250 Entrepreneurship and Free Enterprise (also ECON3250)

ECON3250)

BUAD3310 Principles of Sales

BUAD3320 Principles of Management

BUAD3330 Principles of Marketing

BUAD3340 Business Law

BUAD3350 Free Market Practicum

BUAD3360 Entrepreneurial Leadership

BUAD3380 Principles of Business Finance

BUAD3400 Small Business Ventures and Entrepreneurship

BUAD3450 Organizational Behavior

BUAD3460 Operations Management

BUAD3490 Human Resource Management

BUAD3600 Electronic Commerce (also CSIT3600)

BUAD3650 Business Connections

BUAD3800 Methods of Teaching Business

BUAD4000 Individual Study

BUAD4100 Investment Analysis (also ECON4100)

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

BUAD4200 Seminar in Business Policy

BUAD4210 Seminar in Social Media Marketing

BUAD4430 Marketing Strategies

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.

BUAD1420 Math for Decision Making - 3 s.h.

A beginning course in finite mathematics and calculus for students in business, economics, management, and the social and life sciences. Prerequisites: Two years of high school algebra.

BUAD2000 Individual Study - 1-3 s.h.

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.

BUAD3000 Individual Study - 1-3 s.h.

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. Goal 3E

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. Prerequisite: BUAD3330 Principles of Marketing or ARTS1680 Computer Graphics for Art & Design or COMM1250 Introduction to Communication Theory.

BUAD3240 Marketing 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.

BUAD3250 Entrepreneurship and Free Enterprise (also ECON3250) - 3 s.h.
To study and hear from the cast of entrepreneurs who have been, or are involved, in the drama of U.S. business. To help each student evaluate their own spirit and personality to see if they have entrepreneurial skills and talents. Prerequisite: ECON1320. +This course is only offered every other year.

BUAD3310 Principles of Sales - 3 s.h.

Principles of Sales is designed to expose students to the many functions of modern sales and sales management including topics such as the selling process, the buying process, creating value in buyer-seller relationships, prospecting, sales call planning, communicating the message, negotiating for win-win solutions, promoting trust, closing the sale, as well as how to motivate, compensate and train sales people.

BUAD3320 Principles of Management - 3 s.h.
Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing. Goal 6

BUAD3330 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 and junior standing.

BUAD3340 Business Law - 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.

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.

BUAD3380 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: ACCT2320, ECON1320, MATH1360 and junior standing.

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.

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.

BUAD3460 Operations 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.

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.

BUAD3600 Electronic Commerce (also CSIT3600) - 3 s.h.

Exploration of the technologies and business environment surrounding the emergence of electronic commerce. There will be both a technical and non-technical track option for students, however, all students will be introduced to technical skills for implementing an electronic commerce website. Offered Spring even years. +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.

BUAD4100 Investment Analysis (also ECON4100) - 3 s.h.

A study of the fundamental principles underlying the analysis of investments. Prerequisites: ACCT2320, BUAD3380, and ECON1320. +This course is only offered every other year.

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.

BUAD4200 Seminar in Business Policy - 3 s.h.

An analysis of the problem of business and the functions of management in the determination of business policy in the various functional areas of the enterprise. Prerequisites: BUAD3320, BUAD3330, BUAD3380, and MATH1360.

BUAD4210 Seminar in Social Media Marketing - 3 s.h.

A comprehensive overview, with hands-on experience, of Social Media Marketing. There will be an emphasis on strategic use of online tools, effective design, and contemporary marketing techniques, combined with practical application. Students will build and maintain real world marketing campaigns. Restricted to Social Media Marketing Majors. Additional fee required.

BUAD4430 Marketing Strategies - 3 s.h.

A focus on the development of decision-making skills in marketing. Concepts and tools are applied to frame and solve real-world problems facing marketing managers engaged in developing optimal marketing strategies. Prerequisite: BUAD3330.

Criminal Justice Degree Program

BA Degree - Criminal Justice Major

In addition to the essential education requirements, students majoring in Criminal Justice must **complete 39 semester hours** as prescribed below:

Required Courses (21 semester hours)

- CRMJ1200 Introduction to Criminal Justice – 3 s.h.
- CRMJ3100 Law and the Justice System – 3 s.h.
- PSYC1300 Introductory Psychology – 3 s.h.
- SOCI1300Introduction to Sociology – 3 s.h.
- SOCI2500 Criminology – 3 s.h.
- PSYC/*SOCI3510 Research Methods – 3 s.h.
- SOCI4330 Social Inequality **or** SOCI2300 Race and Ethnicity in the United States – 3 s.h.

*It is recommended that MATH1370 Statistics for Sciences be taken prior to enrolling for PSYC/SOCI3510 Research Methods.

From the following, students will take 1 course (3 semester hours):

- COMM/PEAC/SOCI3210 Conflict Management – 3 s.h.
- COMM2110 Intercultural Communication – 3 s.h.
- PEAC/POLS2200 Introduction to Peace Studies – 3 s.h.

And 15 semester hours from courses listed below:

The following courses are recommended for any student planning a career in ***law enforcement or corrections*:**

Take either:

- SOCI3120 Sociological Studies of Policing **or** CRMJ/SOCI3340 Penology

Take 4 Additional Courses from:

- CHEM1340 Forensic Chemistry
- CRMJ/SOCI3340 Penology
- CRMJ3350 Community-Based Corrections

CRMJ/SOCI3520 Juvenile Delinquency and Juvenile Justice

CRMJ3900 Advanced Topics in Criminal Justice

CRMJ4700 Criminal Justice Internship**

SOCI3120 Sociological Studies of Policing

The following courses are recommended for any student planning a career in ***criminal justice social services*:**

Take either

CRMJ/SOCI3520 Juvenile Delinquency and Juvenile Justice **or**

SOCI2440 Victimology

Take 4 Additional Courses from:

CRMJ3350 Community-Based Corrections

CRMJ/SOCI3520 Juvenile Delinquency and Juvenile Justice

CRMJ4700 Criminal Justice Internship**

PSYC2250 Developmental Psychology

PSYC3370 Cross Cultural Psychology

PSYC3380 Abnormal Psychology

PSYC4430 Theory and Practice of Counseling

SOCI2440 Victimology

The following courses are recommended for any student planning a career in ***criminal justice administration*:**

Take SOCI3120 Sociological Studies of Policing

CRMJ/SOCI3340 Penology

Take 4 Additional Courses from:

BUAD3450 Organizational Behavior

BUAD3490 Human Resource Management

CRMJ/SOCI3340 Penology

CRMJ4700 Criminal Justice Internship**

PSYC3440 Psychology of the Workplace

SOCI3120 Sociological Studies of Policing

**Internships must be approved by instructor prior to enrollment.

Courses Offered

BUAD3450 Organizational Behavior

BUAD3490 Human Resource Management

COMM2110 Intercultural Communication

COMM3210 Conflict Management and Dialogue (Also SOCI/PEAC3210)

CRMJ1200 Introduction to Criminal Justice

CRMJ3100 Law and the Justice System

CRMJ3340 Penology (also SOCI3340)

CRMJ3350 Community-based Corrections

CRMJ3520 Juvenile Delinquency and Juvenile Justice (also SOCI3520)

CRMJ3900 Advanced Topics in Criminal Justice

CRMJ4700 Criminal Justice Internship

MATH1370 Statistics for Sciences

PEAC2200 Introduction to Peace Studies (also POLS2200)

PSYC1300 Introductory Psychology

PSYC2250 Developmental Psychology

PSYC3370 Cross Cultural Psychology

PSYC3380 Abnormal Psychology

PSYC3440 Psychology of the Workplace

PSYC4430 Theory and Practice of Counseling

SOCI1300 Introduction to Sociology

SOCI2300 Race and Ethnicity in the United States

SOCI2440 Victimology

SOCI2500 Criminology

SOCI3120 Sociological Studies of Policing

SOCI3510 Research Methods (also PSYC3510)

SOCI4330 Social Inequality

Course Descriptions

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.

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. Goal 3B +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

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.

CRMJ3340 Penology (also SOCI3340) - 3 s.h.
Examines various theories of social control, as well as correctional practices, reforms, and their consequences. Research on various punishment and correctional strategies will be discussed. +This course is only offered every other year.

CRMJ3350 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.

CRMJ3520 Juvenile Delinquency and Juvenile Justice (also SOCI3520) - 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.

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. Prerequisite: 1 year high school algebra. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

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. Goal 3E, ELO5 Histories - Peace, ELO5 Histories - 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. Goal 1C, 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

PSYC3370 Cross Cultural Psychology - 3 s.h.
Study of psychological theories and empirical findings relating to variations in cultures. Goal 4, 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: Five semester hours in Psychology. Goal 1C

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. Goal 1C

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. Goal 1C

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. Goal 1C, ELO5 Social Science - Equality, 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.

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.

SOCI2500 Criminology - 3 s.h.
Study of the nature, extent and causes of crime, and the analysis of various types of crimes. Prerequisite: SOCI1300 (grade of C or better) and Sophomore standing.

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

SOCI3510 Research Methods (also PSYC3510) - 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: MATH1370.

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 - Criminal Justice

Courses Offered

CRMJ1200 Introduction to Criminal Justice

CRMJ3100 Law and the Justice System

CRMJ3340 Penology (also SOCI3340)

CRMJ3350 Community-based Corrections

CRMJ3520 Juvenile Delinquency and Juvenile Justice (also SOCI3520)

CRMJ3900 Advanced Topics in Criminal Justice

CRMJ4100 Correctional Case Management

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

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.

CRMJ3340 Penology (also SOCI3340) - 3 s.h.

Examines various theories of social control, as well as correctional practices, reforms, and their consequences. Research on various punishment and correctional strategies will be discussed. +This course is only offered every other year.

CRMJ3350 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.

CRMJ3520 Juvenile Delinquency and Juvenile Justice (also SOCI3520) - 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

CRMJ4100 Correctional Case Management - 3 s.h.
This course examines the role and techniques of casework in corrections with emphasis on integrating casework and counseling responsibilities and procedures. The course includes

examining of therapy techniques and processes in various correctional settings and studying of service delivery programs tailored to the specific needs of correctional clients. Prerequisite: CRMJ/SOCI3340 Penology or CRMJ3350 Community-based Corrections. +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.

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 (K-8 and 5-12 grade levels — an option for secondary majors in Art, Music, and P.E. only).

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. registered for the Principles of Learning and Teaching portion of Praxis II by the end of student teaching.

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.

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

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. In order for students to complete the foundation skills sequence, they must earn a grade of C or higher in this class. Prerequisite C or better in ENGL1100. 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

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 entrance assessment, PRAXIS II preparation plan, 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

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. Co-

Admittance into Teacher Education, unless part of an approved Interdisciplinary Studies Program. Co-requisite: EDUC3540.

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, 3481.

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, PSYC1300.

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

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. In order for students to complete the foundation skills sequence, they must earn a grade of C or higher in this class. In order to move on to COMM1100, students must earn the grade of a "C" or higher. Corequisite for students with ACT English score of 15 and below, or an SAT English score of 480 and below: ENGL1110 unless they have taken two high school English courses, one of which must be or prominently require composition (not creative writing), with a grade of "C" or better in both. ELO1A Communication, GE1A Foundational Skills-Writing and Communication. Corequisite for students with ACT English score of 15 and below, or an SAT English score of 480 and below: ENGL1110 unless they have taken two high school English courses, one of which must be or prominently require composition (not creative writing), with a grade of "C" or better in both. 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

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. Goal 4, ELO5 Histories - World Citizenship, ELO5 Histories - Innovation, 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. Goal 1B, 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 Discourse I. 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 Discourse II. 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. Prerequisite: 1 year high school algebra; geometry recommended. 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. Prerequisite: 1 year high school algebra. 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. Goal 1B, 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

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

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.

ENGL2330 Our Bondage and Our Freedom: Literatures of the Americas, 1491-1865 **or**
ENGL2340 The Stories That Made Us: American Literature, 1900-Present– 3 s.h.

THTR1220 Beginning Acting – 3 s.h.

*Health (K-8)

EDUC3710 K-6 Elementary Education Practicum (in Health) – 2 s.h.

HLTH1100 First Aid – 1 s.h.

HLTH2400 Children's Health and Development – 3 s.h.

HLTH2410 Children's Health and Development – K-12 Health and Physical Education Lab – 1 s.h.

HLTH2560 Nutrition – 3 s.h.

HLTH3100 Drugs Education and Behavior – 3 s.h.

HLTH3220 Personal and Community Health – 3 s.h.

PSYC2250 Developmental Psychology – 3 s.h.

PSYC/SOCI2320 Marriage and the Family – 3 s.h.

3 s.h. of HLTH or PHED electives

SCIE1200 Integrated Science with Lab – 4 s.h.

*If not obtaining in conjunction with a PE endorsement. If obtaining Health (K-8) with a PE endorsement, SCIE1200 is not required.

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.

MUSC1260 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.

For Instrumental Pedagogy, students must select: MUSC3310 Brass Methods and Pedagogy **or** MUSC3290 Woodwind 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 – 3 s.h.

EDUC3710 K-6 Elementary Education Practicum (in P.E.) – 2 s.h.

HLTH1100 First Aid – 1 s.h.

HLTH2400 Children's Health and Development – 3 s.h.

HLTH2410 Children's Health and Development – K-12 Health and Physical Education Lab – 1 s.h.

PHED1500 Introduction to Kinesiology – 3 s.h.

PHED2120 Motor Learning – 3 s.h.

PHED2390 Teaching Team and Individual Sports – 3 s.h.

PHED3340 Biomechanics with Lab – 4 s.h.

PHED3430 Adaptive Physical Education – 3 s.h.

3 s.h. of related Physical Education Electives

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 – 1-2 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.
- BIOL2430 Animal Biology with Lab – 4 s.h.
- BIOL2440 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.

PK-K Early Childhood Education

EDUC2160 Early Literacy, Language Acquisition, and Collaboration – 3 s.h.

EDUC2500 Teaching PK/Elementary Physical Education, Health/Wellness, Visual and Performing Arts – 3 s.h.

EDUC3200 Introduction to Mild/Moderate Disabilities K-12 – 3 s.h.

EDUC3290 Early Childhood Practicum – 1-2 s.h.

EDUC3310 Early Childhood Education (Preprimary/Kindergarten) – 3 s.h.

EDUC3620 Administration of Early Childhood Programs – 2 s.h.

EDUC3630 Assessment, Diagnosis, and Evaluation Strategies – 3 s.h.

EDUC4250 Professional Practice Seminar – 3 s.h.

EDUC4440 Early Childhood Student Teaching (substitutes for EDUC4400) – 14 s.h.

HLTH2400 Children's Health and Development – 3 s.h.

PSYC2250 Developmental Psychology – 3 s.h.

Courses Offered

ARTS1210 Making and Meaning

ARTS1220 Surface, Space, and Time

ARTS1230 Drawing

ARTS2330 Art History: Innovation and Politics

ARTS3110 Art History: Activism, Empathy and Justice

ARTS3300 Art for the Elementary Schools

ATHT3100 Prevention and Care of Athletic Injuries

BIOL2100 Cell Biology and Genetics with Lab

BIOL2300 Anatomy and Physiology I (2-2)

BIOL2310 Anatomy and Physiology II (2-2)

BIOL2350 Introduction to Microbiology

BIOL2360 Microbiology with Lab

BIOL2430 Animal Biology with Lab

BIOL2440 Plant Biology with Lab

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

CHEM1420 General Chemistry II Workshop with Lab

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

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

ENGL2330 Our Bondage and Our Freedom: Literatures of the Americas, 1491-1865

ENGL3100 Discourse III (Advanced Writing and Speaking)

HIST1310 World Civilizations I

HIST1320 World Civilizations II

HIST2400 Historical Inquiry

HIST2410 United States History to 1877

HIST2420 United States History Since 1877

HLTH1100 First Aid

HLTH2400 Children's Health and Development

HLTH2410 Children's Health and Development – K-12 Health and Physical Education Lab

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

PHED1100 New Games

PHED1500 Introduction to Kinesiology

PHED2120 Motor Learning

PHED2380 Creative Rhythm and Movement

PHED2390 Teaching Team and Individual Sports

PHED3280 The Foundations of Physical Education

PHED3340 Biomechanics with Lab

PHED3430 Adaptive Physical Education

POLS1300 United States Government

PSYC2250 Developmental Psychology

PSYC2320 Marriage and the Family (also SOCI2320)

SCIE3030 The Nature of Science

SOCI1300 Introduction to Sociology

SOCI2320 Marriage and the Family (also PSYC2320)

THTR1220 Beginning Acting

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. Additional fee required. Studio fee required. ELO5 Arts - Sustainability

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.

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.

ATHT3100 Prevention and Care of Athletic Injuries - 3 s.h.

Techniques of injury prevention and caring for athletic injuries.

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). Goal 1A

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

The study of structure and function of the human body on the cellular, tissue, organ, and organ-system level. All organ systems are discussed. Emphasis is on the anatomy of the musculoskeletal, cardiovascular, and digestive systems. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) Additional fee required. Goal 1A

BIOL2310 Anatomy and Physiology II (2-2) - 3 s.h.

The focus is on the physiology of the organ systems, specifically the endocrine and reproductive systems. Fluid-electrolyte balance, acid-base balance, and metabolism are also emphasized. Online only. Prerequisite: BIOL2300. Goal 1A

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. Goal 1A

BIOL2430 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. Additional fee required. Prerequisite: BIOL1500, BIOL1520 or instructor's consent. +This course is only offered every other year.

BIOL2440 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. Additional fee required. Prerequisite: BIOL1500, BIOL1520 or instructor's consent. +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.

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.

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. In order for students to complete the foundation skills sequence, they must earn a grade of C or higher in this class. Prerequisite C or better in ENGL1100. 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. Goal 1C, 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. Co-requisite: EDUC3540.

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, 3481.

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, PSYC1300.

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.)

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. In order for students to complete the foundation skills sequence, they must earn a grade of C or higher in this class. In order to move on to COMM1100, students must earn the grade of a "C" or higher. Corequisite for students with ACT English score of 15 and below, or an SAT English score of 480 and below: ENGL1110 unless they have taken two high school English courses, one of which must be or prominently require composition (not creative writing), with a grade of "C" or better in both. ELO1A Communication, GE1A Foundational Skills-Writing and Communication. Corequisite for students with ACT English score of 15 and below, or an SAT English score of 480 and below: ENGL1110 unless they have taken two high school English courses, one of which must be or prominently require composition (not creative writing), with a grade of "C" or better in both. ELO1A Communication, GE1A Foundational Skills-Writing and Communication

ENGL2330 Our Bondage and Our Freedom: Literatures of the Americas, 1491-1865 - 3 s.h.

Survey of writers from North and South America stretching from the advent of European colonization in the Western Hemisphere to the conclusion of the U.S. Civil War. The course will pay special attention to the legacies of colonialism and slavery, and the ways that literature and language, as oral storytelling and print culture, both underwrote systems of enslavement and created social movements for freedom and equality. Goal 2B, ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace

ENGL3100 Discourse III (Advanced Writing and Speaking) - 3 s.h.

Teaches students to put the knowledge and skills learned in Discourse I and II into sustained, practical use by preparing them for substantial, interdisciplinary research projects. In this course, students will explore issues of civic, public, or community concern using rhetorical analysis, engage in deliberation over those issues, and

ultimately propose solutions based on well-developed arguments. Students are expected to use strategies of critical discourse analysis and production to target the appropriate audience/recipients and to develop innovative and rhetorically effective texts (written, oral, visual and/or multimedia). Prerequisites: ENGL2100 or HONR2010 and Junior standing. Goal 3D, ELO1C Communication

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. Goal 4, 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. Goal 4, ELO5 Histories - World Citizenship, ELO5 Histories - Innovation, GE3B Liberal Learning-Histories.

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. Goal 1B, 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. Goal 1B, ELO5 Histories - Innovation, GE3B Liberal Learning-Histories.

HLTH1100 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. 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.

HLTH2410 Children's Health and Development – K-12 Health and Physical Education Lab - 1 s.h.

Development of teaching competence for prospective K-12 teachers in the health education classroom and physical education classroom and early childhood classroom. Intended for early childhood and education majors (including Health Education and Physical Education). To be taken concurrently with HLTH2400 Children's Health and Development for Teachers track.

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. Goal 1A

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.

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. 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 Discourse I. 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 Discourse II. 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. Prerequisite: 2 years high school algebra. 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. Prerequisite: 1 year high school algebra; geometry recommended. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

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.

PHED2120 Motor Learning - 3 s.h.

Introduction to the principles involved in learning and teaching motor skills.

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.

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.

PHED3340 Biomechanics with Lab - 4 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. Includes a lab experience. 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."

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. Goal 1B, 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

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.

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. Goal 1A.

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. Goal 1C, 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.

THTR1220 Beginning Acting - 3 s.h.
Study and practice of the fundamentals of acting through improvisation and exploratory exercises. Basic principles of stage performance designed to enhance the student's appreciation of the art form are emphasized. Goal 2A, ELO5 Arts - Innovation.

Secondary Education Program (5-12 grade level)

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 Art, Health, and Physical Education (obtaining K-8 and 7-12 endorsements) will substitute EDUC3730 Combination K-6 and 7-12 Education Practicum for EDUC3720. Secondary subject-area majors (including Art, Health, and Physical Education) with a 5-12 Mild/Moderate Special Education endorsement must substitute EDUC3550 Mild/Moderate Special Education Practicum for EDUC3720 and EDUC3730. 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.

Teaching Major Requirements
All secondary education candidates must complete at least one teaching major. The University offers the following secondary 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)

Basic Science (https://www.graceland.edu/academics/academic-catalogs/undergraduate-catalog/educational-programs/science-teacher-certification-in-basic-science/)

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/)

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

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

Second Teaching Fields:

In addition to the teaching major, students may seek endorsements for the following second 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/)

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/)

Mild/Moderate Special Education

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/)

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 Program and the appropriate concentration.

Combination Program (K-8 and 5-12 grade level)

A secondary education student majoring in Art, Health, or Physical Education may also complete a modified Teacher Education program adding an elementary level endorsement in the same field (e.g., secondary and elementary music).

Combination Requirements and Modifications

Art, Health, or Physical Education majors desiring a K-8 endorsement must complete the Secondary Education Program (5-12 grade-level requirements), the K-8 endorsement requirements in the same area and EDUC4450 Combination Student Teaching.

Note: This combination includes 14 s.h. of student teaching credit, 7 s.h. elementary and 7 s.h. secondary.

*Majors in Art, Health, and Physical Education (obtaining K-8 and 7-12 endorsements) will substitute EDUC3730 Combination K-6 and 7-12 Education Practicum for EDUC3720. Secondary subject-area majors (including Art, Health, and Physical Education) with a 5-12 Mild/Moderate Special Education endorsement must substitute EDUC3550 Mild/Moderate Special Education Practicum for EDUC3720 and EDUC3730. 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.

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 entrance assessment, PRAXIS II preparation plan, 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.)

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, PSYC1300.

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

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

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

EDUC2450 Pre-service Teacher Education Seminar

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)

EDUC3330 K-6 Reading Practicum

EDUC3340 7-12 Reading Practicum

EDUC3350 Behavior Management for Mild/Moderate Disabilities

EDUC3390 Analysis and Correction of Reading Disabilities

EDUC3400 Elementary Reading in the Content Areas

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

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.

EDUC2450 Pre-service Teacher Education Seminar

Acquire the requisite knowledge and skills that will promote successful utilization of common educational resources in the classroom. Prerequisite: EDUC2420. (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.

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.

EDUC3400 Elementary Reading in the Content Areas - 3 s.h.

Examine text structure and the dimensions of content area vocabulary and comprehension (e.g. literal, interpretive, critical, and evaluative). Focus on content area instruction in reading and writing that effectively uses a variety of research-based strategies and practices. Integrate curricular standards with student interests, motivation, and background knowledge. 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. Co-requisite: EDUC3540.

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

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, 3481.

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, PSYC1300.

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

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.)

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.)

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.
- HIST3220 History of Inequality in the Unites 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

HIST1200 History of the African Diaspora

HIST1310 World Civilizations I

HIST1320 World Civilizations II

HIST1560 United States Environmental History

HIST2100 History of Terrorism

HIST2200 Survey of Latin American History I

HIST2210 Survey of Latin American History II

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

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

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. Goal 4, 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. Goal 4, 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. Goal 4, ELO5 Histories - World Citizenship, ELO5 Histories - Innovation, 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. Goal 1B, ELO5 Histories - Sustainability.

HIST2100 History of Terrorism - 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. Goal 1B, 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. Goal 1B, ELO5 Histories - World Citizenship, ELO5 Histories - Equality and Peace

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. Goal 1B, 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. Goal 1B, 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

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. Goal 1B, 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. Goal 1B. +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. Goal 1B +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. Goal 1B. +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. Goal 1B. +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. Goal 1B +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

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 (https://www.graceland.edu/catalog/history#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.

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 (Goal 1B)

HIST2100 History of Terrorism

HIST2200 Survey of Latin American History I

HIST2210 Survey of Latin American History II

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 (Goal 1B)

HIST3000 Individual Study (Goal 1B)

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)

HIST3470 British Foreign Relations (also POLS3470)

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

HIST3900A Advanced Topics in History-Twentieth Century Mexico

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. Goal 4, 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. Goal 4, 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. Goal 4, ELO5 Histories - World Citizenship, ELO5 Histories - Innovation, 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. Goal 1B, ELO5 Histories - Sustainability.

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 (Goal 1B) - 1-3 s.h.

HIST2100 History of Terrorism - 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. Goal 1B, 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. Goal 1B, ELO5 Histories - World Citizenship, ELO5 Histories - Equality and Peace

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. Goal 1B, 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. Goal 1B, 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. Goal 1B, 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. Goal 1B, ELO5 Histories - Innovation, GE3B Liberal Learning-Histories.

HIST2900 Topics in History (Goal 1B) - 1-3 s.h.

HIST3000 Individual Study (Goal 1B) - 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.

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. Goal 1B, 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. Goal 1B. +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. Goal 1B, ELO5 Social Science - World Citizenship, ELO5 Social Science - Equality and Peace. +This course is only offered every other year.

HIST3470 British Foreign Relations (also POLS3470)

Survey of Britain's relations with governments and peoples in Europe, Asia, Africa, and the Americas in the period 1815-1970. Topics include Britain's role in shaping the post-Napoleonic order, development of imperial policy in the 19th century, Britain and the pre-World War I alliance system, the policy of appeasement, and the transition to a diminished world role after World War II. Goal 1B. +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. Goal 1B

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. Goal 1B.

HIST3550 Contemporary United States History - 3 s.h.

The history of the United States since 1960 emphasizing social and cultural trends. Goal 1B +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. Goal 1B. +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. Goal 1B. +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. Goal 1B +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. Goal 1B

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. Goal 1B.

HIST3900A Advanced Topics in History-Twentieth Century Mexico - 3 s.h.

A history of Mexico from the end of the Porfiriato through the 2000 presidential election. Emphasis will be placed on the Mexican Revolution and the rise and dominance of the Institutional Revolutionary Party (PRI).

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 build their own major using the coursework available at Graceland University. This major offers the student a dynamic opportunity to devise, in concert with the 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 needs and interests. Beyond the graduation requirements, the student's program will consist of:

1. **Concentrated Area of Study**—A concentrated area of study not already offered as a major. This concentration cannot closely duplicate an existing major. This area of study should include a minimum of 39 s.h. of course work. The student, in cooperation with a faculty adviser, submits the electronic application (https://my.graceland.edu/ICS/Resources/Special_Programs/Interdisciplinary_Studies_Program_Application.jnz?portlet=Jenzabar_Contained_Form&screen=FormView&screenType=change&form=9ec0fd08-afba-46ae-b43b-7dc730c98f57) for the major. Final approval for designed concentrations rests with the faculty adviser, two additional faculty members knowledgeable about the area of concentration and the Special Programs Office.
   or

2. **General Studies Concentration**—Enriched study in at least 12 s.h. from each of three historically separate disciplines (e.g. Visual and Performing Arts, Humanities, Science and Math, Health and Movement Science, Social Science, School of Business, School of Education, and School of Nursing). This concentration includes at least 36 s.h. of study of which 24 s.h. must be upper division courses. At least 6 s.h. of upper division course work is required in each of the three topic areas chosen. In addition, the 3 s.h. course INTD4700 Interdisciplinary Studies Capstone is required. This is a capstone course (https://pubdocs.graceland.edu/Registrar/InterdisciplinaryStudiesCapstoneINTD4700.docx) in which a student, working with two faculty advisors, will write a research paper involving two of the three topic areas. The student must achieve a rating of "Acceptable" or "Exemplary" from both faculty evaluators in each of the areas included in the assessment rubric. Alternatively, a student may, in conjunction with at least two faculty members, design a project that demonstrates competency with regard to the learning outcomes identified at the time of application for the major. The student must achieve a rating of "Acceptable" or "Exemplary" from both faculty members based on their evaluation of the project vis-à-vis the learning outcomes. It will be the responsibility of the student to identify faculty members willing to serve as instructors of record for this arranged course. Interdisciplinary Studies proposals (https://my.graceland.edu/ICS/Resources/Special_Programs/Interdisciplinary_Studies_Program_Application.jnz?portlet=Jenzabar_Contained_Form&screen=FormView&screenType=change&form=12cd7774-b556-40af-ab34-a9fa409e44bc) approval rests with the faculty adviser and Special Programs Office.

Courses Offered

INTD4700 Interdisciplinary Studies Capstone

Course Descriptions

INTD4700 Interdisciplinary Studies Capstone - 3 s.h.
A guided capstone where students will write a research paper or create a project that demonstrates an appropriate level of mastery of the learning outcomes identified by student and faculty advisor at the time the application for the major was submitted.

(Note: This is a graded course, does not count for essential education, and may not be repeated for credit.)

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 30 semester hours** as prescribed below:

Core Requirements 12 s.h.

- ARTS3110 Art History: Activism, Empathy and Justice – 3 s.h. (General Education)
- COMM2110 Intercultural Communication – 3 s.h. (General Education)
- COMM2220 Communication and Advocacy – 3 s.h.
- ENGL3240 Poetry and Social Justice – 3 s.h.
- ENGL3480 Cultural Studies – 3 s.h. (General Education)
- HIST3220 History of Inequality in the United States **or** SOCI3130 Social Movements – 3 s.h.
- INTD4710 Social Change Capstone – 3 s.h.

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):

Racial/Ethnic, Gender and LGBTQIA Literacy and Justice

- COMM3220 Gender and Communication – 3 s.h.
- ENGL2330 Our Bondage and Our Freedom: Literatures of the Americas – 3 s.h.
- ENGL2350 American Ethnic Literature – 3 s.h.
- ENGL2360 African American Literature – 3 s.h.
- ENGL2600 Gender and Sexuality – 3 s.h.
- ENGL3350 Shakespeare and Social Justice – 3 s.h.
- HIST1200 History of the African Diaspora – 3 s.h. (General Education)
- MUSC3340 Musical Citizenship: Artistic Activism and Social Justice – 3 s.h.
- RELG2220 Religion and Social Justice – 3 s.h.
- SOCI2300 Race and Ethnicity – 3 s.h.
- SOCI3200 Gender and Society – 3 s.h.
- SOCI4330 Social Inequality – 3 s.h.

Tools of Change (6 hours from the following; at least 3 must be upper division; courses should not be from the same discipline):

- ARTS1710 Graphic Design 2 – 3 s.h.
- ARTS2240 Art for Social Change – 3 s.h.

COMM3140 Rhetorical Criticism and Persuasion – 3 s.h.

COMM3210 Conflict Management and Dialogue – 3 s.h.

ECON3200 Public Finance – 3 s.h.

EDUC2120 Human Relations – 3 s.h.

ENGL2410 Creative Writing: Poetry or ENGL2420 Creative Writing: Fiction – 3 s.h.

ENGL3530 Digital Filmmaking – 3 s.h.

RELG3540 Peace and Justice in the Christian Tradition – 3 s.h.

THTR1230 Theatre and Society – 3 s.h.

Recommended that Social Change students take ECON1320 Principle of Microeconomics and MATH1360 Statistics for Critical Thinking to complete their General Education requirements.

Courses Offered

ARTS1710 Graphic Design 2

ARTS2240 Art for Social Change

ARTS3110 Art History: Activism, Empathy and Justice

COMM2110 Intercultural Communication

COMM2220 Communication and Advocacy

COMM3140 Rhetorical Criticism and Persuasion

COMM3210 Conflict Management and Dialogue (Also SOCI/PEAC3210)

COMM3220 Gender and Communication

ECON1320 Principles of Microeconomics

ECON3200 Public Finance

EDUC2120 Human Relations

ENGL2330 Our Bondage and Our Freedom: Literatures of the Americas, 1491-1865

ENGL2350 American Ethnic Literature

ENGL2360 African American Literature

ENGL2410 Creative Writing: Poetry

ENGL2420 Creative Writing: Fiction

ENGL2600 Gender and Sexuality

ENGL3240 Poetry and Social Justice

ENGL3350 Shakespeare and Social Justice (also THTR3350)

ENGL3480 Cultural Studies

ENGL3530 Digital Filmmaking

HIST1200 History of the African Diaspora

HIST3220 History of Inequality in the United States

INTD4710 Social Change Capstone

MUSC3340 Musical Citizenship: Artistic Activism and Social Justice

RELG2220 Religion and Social Justice

RELG3540 Peace and Justice in the Christian Tradition

SOCI2300 Race and Ethnicity in the United States

SOCI3130 Social Movements

SOCI3200 Gender and Society

SOCI4330 Social Inequality

THTR1230 Theatre and Society

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 Graphics for Art & 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

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.

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.

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. Goal 3B +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.

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. Goal 1C, 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. Goal 1C, 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

ENGL2330 Our Bondage and Our Freedom: Literatures of the Americas, 1491-1865 - 3 s.h.

Survey of writers from North and South America stretching from the advent of European colonization in the Western Hemisphere to the conclusion of the U.S. Civil War. The course will pay special attention to the legacies of colonialism and slavery, and the ways that literature and language, as oral storytelling and print culture, both underwrote systems of enslavement and created social movements for freedom and equality. Goal 2B, ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace

ENGL2350 American Ethnic Literature - 3 s.h.

A survey of multi-ethnic U.S. literature, including 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. Goal 2B, ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace. ++ This course is on a four-year cycle.

ENGL2360 African American Literature - 3 s.h.

A survey of African American literature from the eighteenth century to the present. An array of discursive modes, including songs, folklore, speeches, poetry, fiction and drama, will be analyzed across various African-American artistic and social movements, from sorrow songs, abolitionist tracts, and the Harlem Renaissance to civil rights speeches, the Black Arts avant-garde, and spoken word performance. As a

complement to literary texts, students will also examine a range of introductory theoretical texts in the interdisciplinary field of African-American studies. Goal 2B, ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace. ++ Denotes a course on a four-year cycle.

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. Goal 2B, ELO5 Humanities - Sustainability +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. Goal 2B, ELO5 Humanities - Sustainability. +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. Goal 2B, ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace ++ This course is on a four-year cycle.

ENGL3240 Poetry and Social Justice - 3 s.h.
An investigation of the role of poetry as a vehicle for social change. With a focus on the poetry of emancipatory social movements, this global survey course includes a range of modern poets who merged the personal with the political, including William Blake, Walt Whitman, Muriel Rukeyser, Pablo Neruda, Amiri Baraka, Adrienne Rich, June Jordan, Dennis Brutus, and Mahmoud Darwish. Students examine how poetry and poetic form 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. Goal 2B, ELO5 Humanities - Peace, ELO5 Humanities - Equality and Peace +This course is only offered every other year.

ENGL3350 Shakespeare and Social Justice (also THTR3350) - 3 s.h.
Examines plays and poems authored or co-authored by Shakespeare, emphasizing the plays as historical performance texts, specifically looking at the plays through lenses of social justice, including those informed by critical studies of race, gender, sexuality, class, and disability. No prior knowledge of or comfort with Shakespeare is required for success in the course. ELO5 Humanities - Peace, ELO5 Humanities - Equality and Peace

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. +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. Goal 2B. +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. Goal 4, 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.

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.

MUSC3340 Musical Citizenship: Artistic Activism and Social Justice - 3 s.h.
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? Music has long been used by movements seeking social change. People from around the world have used music as a platform to speak up and sing out about injustices. 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. From protest songs of the Civil Rights Movement, to music concerts for charity causes, to freedom songs of the African Americans, to the Singing Revolution of the country of Estonia, to songs of the LGBTQ movement, to the Sigauque Project in Mozambique, to the protest songs of the American union movement... and so on. Through readings, discussion, and in-depth analysis of these different songs and movements, students would gain knowledge of efforts to bring about both cultural and social change throughout the world. ELO5 Arts - Equality and Peace, GE3A Liberal Learning-Arts.

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. Goal 2B, ELO3 Ethical Thinking and Action - Equality, ELO3 Ethical Thinking and Action - 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. Goal 2B, 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.

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.

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.

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.

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.
ENGL2360 African American Literature – 3 s.h.
ENGL2610 Whiteness and the Working Class – 3 s.h.
ENGL3240 Poetry and 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.

PHIL2340 Finding Peace in Identity – 3 s.h.

PHIL2440 Social Dimensions of Equality (Prerequisite: SOCI1300 (with grade of C or better) and senior standing.) – 3 s.h.

PSYC/SOCI3310 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.

CRMJ/SOCI3340 Penology – 3 s.h.

PEAC/POLS3220 Global Peace Issues – 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

CRMJ3340 Penology (also SOCI3340)

EDUC2120 Human Relations

ENGL2350 American Ethnic Literature

ENGL2360 African American Literature

ENGL2610 Whiteness and the Working Class

ENGL3110 Critical Theory

ENGL3240 Poetry and 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)

PHIL2340 Finding Peace in Identity

PHIL2440 Social Dimensions of Equality

POLS2360 The Politics of Immigration

PSYC3310 Social Psychology (also SOCI3310)

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.

CRMJ3340 Penology (also SOCI3340) - 3 s.h.

Examines various theories of social control, as well as correctional practices, reforms, and their consequences. Research on various punishment and correctional strategies will be discussed. +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 Literature - 3 s.h.

A survey of multi-ethnic U.S. literature, including 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. Goal 2B, ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace. ++ This course is on a four-year cycle.

ENGL2360 African American Literature - 3 s.h.
A survey of African American literature from the eighteenth century to the present. An array of discursive modes, including songs, folklore, speeches, poetry, fiction and drama, will be analyzed across various African-American artistic and social movements, from sorrow songs, abolitionist tracts, and the Harlem Renaissance to civil rights speeches, the Black Arts avant-garde, and spoken word performance. As a complement to literary texts, students will also examine a range of introductory theoretical texts in the interdisciplinary field of African-American studies. Goal 2B, ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace. ++ Denotes a course on a four-year cycle.

ENGL2610 Whiteness and the Working Class - 3 s.h.
An exploration of the racial category of whiteness and its historical relationship to social class and power in the United States. Representations of the white working class in literature, music, film, and television will be analyzed alongside cultural histories of multiracial, antiracist labor movements in the United States. As a complement to cultural texts, students will also examine a range of introductory theoretical texts in the multidisciplinary fields of Critical Whiteness Studies and working class studies. Goal 2B, ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace ++ 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. +This course is only offered every other year.

ENGL3240 Poetry and Social Justice - 3 s.h.
An investigation of the role of poetry as a vehicle for social change. With a focus on the poetry of emancipatory social movements, this global survey course includes a range of modern poets who merged the personal with the political, including William Blake, Walt Whitman, Muriel Rukeyser, Pablo Neruda, Amiri Baraka, Adrienne Rich, June Jordan, Dennis Brutus, and Mahmoud Darwish. Students examine how poetry and poetic form 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. Goal 2B, 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. +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. Goal 4, 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. Goal 1B, 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. Goal 1B, 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. Goal 1B, 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. Goal 3E, ELO5 Histories - Peace, ELO5 Histories - Equality and Peace

PHIL2340 Finding Peace in Identity - 3 s.h.
A survey of personal identity, appealing to metaphysical and value theoretical issues as they relate to the self. Addresses the influence of memory, collective experience, and narrative on accounts of the nature of persons and assesses ethical implications of the accounts. Goal 3E, ELO3 Ethical Thinking and Action - Peace, ELO3 Ethical Thinking and Action - 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. Goal 3E, 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. Goal 1B, ELO4 Global Learning - Equality, ELO4 Global Learning - Equality and Peace

PSYC3310 Social Psychology (also SOCI3310) - 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: SOCI1300 or PSYC1300 (grade of C or better). Goal 1C.

PSYC3370 Cross Cultural Psychology - 3 s.h.
Study of psychological theories and empirical findings relating to variations in cultures. Goal 4, 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. Goal 2B, 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. Goal 4, 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.

PHIL2340 Finding Peace in Identity – 3 s.h.

PHIL2440 Social Dimensions of Equality (Prerequisite: SOCI1300 (with grade of C or better) and senior standing.) – 3 s.h.

PSYC/SOCI3310 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 Poetry and 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 Poetry and 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)

PHIL2340 Finding Peace in Identity

PHIL2440 Social Dimensions of Equality

PSYC1300 Introductory Psychology

PSYC2320 Marriage and the Family (also SOCI2320)

PSYC3310 Social Psychology (also SOCI3310)

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. Goal 2B, ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace ++ 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. +This course is only offered every other year.

ENGL3240 Poetry and Social Justice - 3 s.h.

An investigation of the role of poetry as a vehicle for social change. With a focus on the poetry of emancipatory social movements, this global survey course includes a range of modern poets who merged the personal with the political, including William Blake, Walt Whitman, Muriel Rukeyser, Pablo Neruda, Amiri Baraka, Adrienne Rich, June Jordan, Dennis Brutus, and Mahmoud Darwish. Students examine how poetry and poetic form 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. Goal 2B, 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. +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. Goal 1B, 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.

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. Goal 3E, ELO5 Histories - Peace, ELO5 Histories - Equality and Peace

PHIL2340 Finding Peace in Identity - 3 s.h.
A survey of personal identity, appealing to metaphysical and value theoretical issues as they relate to the self. Addresses the influence of memory, collective experience, and narrative on accounts of the nature of persons and assesses ethical implications of the accounts. Goal 3E, ELO3 Ethical Thinking and Action - Peace, ELO3 Ethical Thinking and Action - 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. Goal 3E, 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. Goal 1C, ELO5 Social Science - Innovation

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 (also SOCI3310) - 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: SOCI1300 or PSYC1300 (grade of C or better). Goal 1C.

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. Goal 2B, 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. Goal 1C, 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

INTD1100 Critical Thinking in the Liberal Arts and Sciences

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.

INTD1100 Critical Thinking in the Liberal Arts and Sciences - 3 s.h.

An interdisciplinary course that introduces students to college-level critical thinking and a thematic approach to Essential Education. Applies the critical-thinking model to big questions, both contemporary and enduring, and serves as the entry point for the

Essential Education program. NOTE: Withdrawal from this course is only allowed through student petition. ELO2 Critical Thinking.

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. Goal 4, 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. Goal 2B.

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.
A guided capstone where students will write a research paper or create a project that demonstrates an appropriate level of mastery of the learning outcomes identified by student and faculty advisor at the time the application for the major was submitted. (Note: This is a graded course, does not count for essential education, and may not be repeated for credit.)

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.

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.
- BUAD3450 Organizational Behavior – 3 s.h.
- BUAD3490 Human Resource Management – 3 s.h.
- BUAD4200 Seminar in Business Policy – 3 s.h.
- COMM2110 Intercultural Communication – 3 s.h.
- COMM/PEAC/SOCI3210 Conflict Management and Dialogue – 3 s.h.
- CSIT3500 Management of Information Systems – 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

BUAD1100 Introduction to Business

BUAD3450 Organizational Behavior

BUAD3490 Human Resource Management

BUAD4200 Seminar in Business Policy

COMM2110 Intercultural Communication

COMM3210 Conflict Management and Dialogue (Also SOCI/PEAC3210)

CSIT3500 Management of Information Systems

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 and either BUAD1420 or MATH1510.

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

computers, international business, small business, investments and other areas of general business interest.

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.

BUAD4200 Seminar in Business Policy - 3 s.h.
An analysis of the problem of business and the functions of management in the determination of business policy in the various functional areas of the enterprise. Prerequisites: BUAD3320, BUAD3330, BUAD3380, 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. Goal 3B +This course is only offered every other year.

CSIT3500 Management of Information Systems - 3 s.h.
Study of the fundamentals of information technology and how they support and interact with business organizations. Emphasis is on building a broad, basic technology framework.

ECON1320 Principles of Microeconomics - 3 s.h.
Analysis of the fundamental principles of the American economic

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. Goal 1C, 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. Prerequisite: 2 years high school 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. Prerequisite: 1 year high school algebra. 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. Goal 3B +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

COMM3210 Conflict Management and Dialogue (Also SOCI/PEAC3210)

ORGL3100 Skills in Organizational Leadership

ORGL4100 Ethical Leadership in a Global Society

Course Descriptions

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. Goal 3B +This course is only offered every other year.

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.

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.

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. (44-45 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 – 3 s.h. **or**
BIOL3420 Human Anatomy – 4 s.h. and BIOL3440 Human Physiology – 4 s.h.

HLTH1100 First Aid – 1 s.h.

HLTH1220 Mental Health First Aid Training – 1 s.h.

HLTH2400 Children's Health and Development – 3 s.h.

HLTH2410 Children's Health and Development – K-12 Health and Physical Education Lab – 1 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.

PHED2120 Motor Learning – 3 s.h.

PHED2390 Teaching Team and Individual Sports – 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 First Aid – 1 s.h.

HLTH2400 Children's Health and Development – 3 s.h.

HLTH2410 Children's Health and Development – K-12 Health and Physical Education Lab – 1 s.h.

PHED3410 Theory of Coaching – 2 s.h.

Courses Offered

ATHT3100 Prevention and Care of Athletic Injuries

BIOL2300 Anatomy and Physiology I (2-2)

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

HLTH1100 First Aid

HLTH1220 Mental Health First Aid Training

HLTH2400 Children's Health and Development

HLTH2410 Children's Health and Development – K-12 Health and Physical Education Lab

HLTH2560 Nutrition

HLTH3100 Drugs Education and Behavior

HLTH3120 Human Sexuality

HLTH3220 Personal and Community Health

PHED0490 Relaxation and Stress Management

PHED1500 Introduction to Kinesiology

PHED2120 Motor Learning

PHED2390 Teaching Team and Individual Sports

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

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.

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

The study of structure and function of the human body on the cellular, tissue, organ, and organ-system level. All organ systems are discussed. Emphasis is on the anatomy of the musculoskeletal, cardiovascular, and digestive systems. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) Additional fee required. Goal 1A

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 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. Additional fee required.

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.

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.

HLTH2410 Children's Health and Development – K-12 Health and Physical Education Lab - 1 s.h.

Development of teaching competence for prospective K-12 teachers in the health education classroom and physical education classroom and early childhood classroom. Intended for early childhood and education majors (including Health Education and Physical Education). To be taken concurrently with HLTH2400 Children's Health and Development for Teachers track.

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. Goal 1A

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

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.

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. 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.

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.

PHED2120 Motor Learning - 3 s.h.
Introduction to the principles involved in learning and teaching motor skills.

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.

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.

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.

PHED2120 Motor Learning – 3 s.h.

PHED2390 Teaching Team and Individual Sports – 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 – 3 s.h. **or** BIOL3420 Human Anatomy – 4 s.h. *

HLTH1100 First Aid – 1 s.h. *

PHED/PSYC3130 Sports Psychology – 3 s.h.

PHED3340 Biomechanics with Lab – 4 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 – 3 s.h. **or** BIOL3420 Human Anatomy – 4 s.h.

HLTH1100 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 (2-2)

BIOL3420 Human Anatomy with Lab

HLTH1100 First Aid

PHED1500 Introduction to Kinesiology

PHED2120 Motor Learning

PHED2390 Teaching Team and Individual Sports

PHED3130 Sports Psychology (also PSYC3130)

PHED3340 Biomechanics with Lab

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.

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

The study of structure and function of the human body on the cellular, tissue, organ, and organ-system level. All organ systems are discussed. Emphasis is on the anatomy of the musculoskeletal, cardiovascular, and digestive systems. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) Additional fee required. Goal 1A

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 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. 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.

PHED2120 Motor Learning - 3 s.h.

PHED2120 Motor Learning - 3 s.h.
Introduction to the principles involved in learning and teaching motor skills.

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.
Analysis and application of psychological and sociological data related to the participation of the coach and the athlete in competitive sports programs. Prerequisites: Junior standing or instructor's permission.

PHED3340 Biomechanics with Lab - 4 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. Includes a lab experience. 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

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,

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. 3 credits Prerequisites: SPMT1210, SPMT1220, AND SPMT1230.

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:

BIOL2300 Anatomy and Physiology I – 3 s.h. **or**
BIOL3420 Human Anatomy – 4 s.h.
and BIOL3440 Human Physiology – 4 s.h.

HLTH1100 First Aid – 1 s.h.

HLTH2400 Children's Health and Development – 3 s.h.

HLTH2410 Children's Health and Development – K-12 Health and Physical Education Lab – 1 s.h.

HLTH2560 Nutrition – 3 s.h.

HLTH3100 Drugs Education and Behavior – 3 s.h.

HLTH3220 Personal and Community Health – 3 s.h.

PSYC2250 Developmental Psychology – 3 s.h.

PSYC/SOCI2320 Marriage and the Family – 3 s.h.

3 s.h. of HLTH or PHED electives

Courses Offered

BIOL2300 Anatomy and Physiology I (2-2)

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

HLTH1100 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)

Course Descriptions

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

The study of structure and function of the human body on the cellular, tissue, organ, and organ-system level. All organ systems are discussed. Emphasis is on the anatomy of the musculoskeletal, cardiovascular, and digestive systems. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) Additional fee required. Goal 1A

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 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. 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. Goal 1A

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.

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. 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.

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 – 3 s.h. **or**
   BIOL3420 Human Anatomy – 4 s.h.
   and BIOL3440 Human Physiology – 4 s.h.

   HLTH1100 First Aid – 1 s.h.

   HLTH2400 Children's Health and Development – 3 s.h.

HLTH2410 Children's Health and Development – K-12 Health and Physical Education Lab – 1 s.h.

PHED1500 Introduction to Kinesiology – 3 s.h.

PHED2120 Motor Learning – 3 s.h.

PHED2390 Teaching Team and Individual Sports – 3 s.h.

PHED3340 Biomechanics with Lab – 4 s.h.

PHED3430 Adaptive Physical Education – 3 s.h.

3 s.h. of Physical Education Electives

Courses Offered

BIOL2300 Anatomy and Physiology I (2-2)

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

HLTH1100 First Aid

HLTH2400 Children's Health and Development

PHED1100 New Games

PHED2120 Motor Learning

PHED2380 Creative Rhythm and Movement

PHED2390 Teaching Team and Individual Sports

PHED3280 The Foundations of Physical Education

PHED3333 Methods and Assessment of Teaching K-12 Health and Physical Education

PHED3340 Biomechanics with Lab

PHED3430 Adaptive Physical Education

Course Descriptions

BIOL2300 Anatomy and Physiology I (2-2) - 3 s.h.
The study of structure and function of the human body on the cellular, tissue, organ, and organ-system level. All organ systems are discussed. Emphasis is on the anatomy of the musculoskeletal, cardiovascular, and digestive systems. Laboratory includes both gross and microscopic structure and

function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) Additional fee required. Goal 1A

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 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. 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.

PHED1100 New Games - 1 s.h.
Development and participation of new games for the K-12 learner, lifelong learner, and leisure.

PHED2120 Motor Learning - 3 s.h.
Introduction to the principles involved in learning and teaching motor skills.

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.

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 with Lab - 4 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. Includes a lab experience. 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."

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 – 3 s.h.
HLTH1100 First Aid – 1 s.h.
HLTH2400 Children's Health and Development – 3 s.h.
HLTH2400 Children's Health and Development – K-12 Health and Physical Education Lab – 1 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://boee.iowa.gov/coaching-license-types (https://boee.iowa.gov/coaching-license-types) for details.

Courses Offered

ATHT3100 Prevention and Care of Athletic Injuries

BIOL2300 Anatomy and Physiology I (2-2)

HLTH1100 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.

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

The study of structure and function of the human body on the cellular, tissue, organ, and organ-system level. All organ systems are discussed. Emphasis is on the anatomy of the musculoskeletal, cardiovascular, and digestive systems. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) Additional fee required. Goal 1A

HLTH1100 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. 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

Course list - Health and Movement Science

Courses Offered

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

Course Descriptions

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.

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.

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.

Psychology Degree

BA Degree — Psychology Major

In addition to the general education requirements, majors in Psychology must complete a concentration of 35 or more semester hours in Psychology and 3 semester hours of supporting courses.

Required courses (14-17 s.h.)

- PSYC1300 Introductory Psychology – 3 s.h.
- PSYC/SOCI3510 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.
- PSYC4360 Senior Internship – 1-4 s.h.

Elective block: Take an additional 21 s.h. from this course list

- PSYC2250 Developmental Psychology – 3 s.h.
- SOCI/PSYC2320 Marriage and Family – 3 s.h.
- PSYC3000 Individual Study* – 3 s.h.
- PSYC3300 Sensation and Perception – 3 s.h.
- SOCI/PSYC3310 Social Psychology – 3 s.h.
- PSYC3130 Sport Psychology – 3 s.h.
- PSYC3330 Behavioral Neuroscience – 3 s.h.
- PSYC3340 Personality – 3 s.h.
- PSYC3360 Environmental Psychology – 3 s.h.
- PSYC3370 Cross Cultural Psychology – 3 s.h.
- PSYC3380 Abnormal Psychology – 3 s.h.
- PSYC3390 Cognitive Psychology – 3 s.h.
- PSYC3500 Principles of Learning – 3 s.h.
- PSYC3900 Topics in Psychology* – 3 s.h.
- PSYC4000 Individual Study* – 3 s.h.
- PSYC4430 Theory and Practice of Counseling – 3 s.h.

Support courses:

MATH1370 Statistics for Sciences – 3 s.h.

*Only offered as needed.

Courses Offered

MATH1370 Statistics for Sciences

PHED3130 Sports Psychology (also PSYC3130)

PSYC1300 Introductory Psychology

PSYC2250 Developmental Psychology

PSYC2320 Marriage and the Family (also SOCI2320)

PSYC3000 Individual Study (Goal 1C)

PSYC3130 Sports Psychology (also PHED3130)

PSYC3300 Sensation and Perception

PSYC3310 Social Psychology (also SOCI3310)

PSYC3330 Behavioral Neuroscience

PSYC3340 Personality

PSYC3360 Environmental Psychology

PSYC3370 Cross Cultural Psychology

PSYC3380 Abnormal Psychology

PSYC3390 Cognitive Psychology

PSYC3500 Principles of Learning

PSYC3510 Research Methods (also SOCI3510)

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

SOCI2320 Marriage and the Family (also PSYC2320)

SOCI3310 Social Psychology (also PSYC3310)

SOCI3510 Research Methods (also PSYC3510)

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. Prerequisite: 1 year high school algebra. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

PHED3130 Sports Psychology (also PSYC3130) - 3 s.h.

Analysis and application of psychological and sociological data related to the participation of the coach and the athlete in competitive sports programs. Prerequisites: Junior standing or instructor's permission.

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. Goal 1C, 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

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 (Goal 1C) - 1-3 s.h.

PSYC3130 Sports Psychology (also PHED3130) - 3 s.h.

Analysis and application of psychological and sociological data related to the participation of the coach and the athlete in competitive sports programs. Prerequisites: Junior standing or instructor's permission.

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. Goal 1C. +This course is only offered every other year.

PSYC3310 Social Psychology (also SOCI3310) - 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: SOCI1300 or PSYC1300 (grade of C or better). Goal 1C.

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, and motivation and emotion. Prerequisites: PSYC1300 +This course is only 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. Goal 1C

PSYC3360 Environmental Psychology - 3 s.h.
Examination of the ways in which psychology impacts conservation, population, design, and sustainability issues in both natural and built environments. Interactive activity with ongoing campus sustainability programs is a feature of the course. Goal 1C, ELO5 Social Science - Sustainability. +This course is only offered every other year.

PSYC3370 Cross Cultural Psychology - 3 s.h.
Study of psychological theories and empirical findings relating to variations in cultures. Goal 4, 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: Five semester hours in Psychology. Goal 1C

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. Goal 1C +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. Goal 1C +This course is only offered every other year.

PSYC3510 Research Methods (also SOCI3510) - 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: MATH1370.

PSYC3520 Research Methods Two - 3 s.h.
Development and implementation of an original research project. Prerequisite: PSYC3510, psychology major.

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. Goal 1C

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. Students will procure a professional internship in the field, which should be completed during the following semester. Prerequisite: Psychology major and junior standing.

PSYC4350 History and Systems - 3 s.h.
A historical analysis of systematic foundations in psychology. Includes Structuralism, Functionalism, Behaviorism, Gestalt psychology, and Psychoanalysis. Prerequisite: 5 semester hours in psychology.

PSYC4360 Senior Internship - 1-4 s.h.
Students will work with their professor in PSYC3520 to identify an internship where they can apply knowledge, theory, and skills from the major in a professional setting. Students should enroll in 1 credit for every 50 hours that will be volunteered in the sponsor organization (with a maximum of 4 credits). Prerequisite:

psychology major, junior standing, instructor's consent.

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. Goal 1C

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.

SOCI3310 Social Psychology (also PSYC3310) - 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: SOCI1300 or PSYC1300 (grade of C or better). Goal 1C

SOCI3510 Research Methods (also PSYC3510) - 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: MATH1370.

Psychology Minor

A minor in Psychology consists of 18 semester hours in psychology including PSYC1300, 9 s.h. from psychology core listed above, and 6 additional semester hours of psychology electives.

Courses Offered

PSYC1300 Introductory Psychology

PSYC3510 Research Methods (also SOCI3510)

PSYC3520 Research Methods Two

PSYC4250 Professional Seminar

PSYC4350 History and Systems

PSYC4360 Senior Internship

SOCI3510 Research Methods (also PSYC3510)

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. Goal 1C, ELO5 Social Science - Innovation

PSYC3510 Research Methods (also SOCI3510) - 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: MATH1370.

PSYC3520 Research Methods Two - 3 s.h.

Development and implementation of an original research project. Prerequisite: PSYC3510, psychology major.

PSYC4250 Professional Seminar - 1 s.h.

Examination of professional and ethical issues, as well as careers and graduate education in psychology. Students will procure a professional internship in the field, which should be completed during the following semester. Prerequisite: Psychology major and junior standing.

PSYC4350 History and Systems - 3 s.h.

A historical analysis of systematic foundations in psychology. Includes Structuralism, Functionalism, Behaviorism, Gestalt psychology, and Psychoanalysis. Prerequisite: 5 semester hours in psychology.

PSYC4360 Senior Internship - 1-4 s.h.

Students will work with their professor in PSYC3520 to identify an internship where they can apply knowledge, theory, and skills from the major in a professional setting. Students should enroll in 1 credit for every 50 hours that will be volunteered in the sponsor organization (with a maximum of 4 credits). Prerequisite: psychology major, junior standing, instructor’s consent.

SOCI3510 Research Methods (also PSYC3510) - 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: MATH1370.

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.
PSYC/SOCI3310 Social Psychology – 3 s.h.
PSYC/SOCI3510 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.
PSYC/SOCI3510 Research Methods – 3 s.h.
PSYC/SOCI3310 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 (also SOCI3310)

PSYC3340 Personality

PSYC3500 Principles of Learning

PSYC3510 Research Methods (also SOCI3510)

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. Goal 1C, ELO5 Social Science - Innovation

PSYC3310 Social Psychology (also SOCI3310) - 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: SOCI1300 or PSYC1300 (grade of C or better). Goal 1C.

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. Goal 1C

PSYC3500 Principles of Learning - 3 s.h.

Explores a variety of theories of learning. Considers both conceptual and applied aspects of learning. Prerequisite: PSYC1300. Goal 1C +This course is only offered every other year.

PSYC3510 Research Methods (also SOCI3510) - 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: MATH1370.

PSYC4350 History and Systems - 3 s.h.

A historical analysis of systematic foundations in psychology. Includes Structuralism, Functionalism, Behaviorism, Gestalt psychology, and Psychoanalysis. Prerequisite: 5 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

PSYC2000 Individual Study (Goal 1C)

PSYC2250 Developmental Psychology

PSYC2320 Marriage and the Family (also SOCI2320)

PSYC3000 Individual Study (Goal 1C)

PSYC3130 Sports Psychology (also PHED3130)

PSYC3300 Sensation and Perception

PSYC3310 Social Psychology (also SOCI3310)

PSYC3330 Behavioral Neuroscience

PSYC3340 Personality

PSYC3360 Environmental Psychology

PSYC3370 Cross Cultural Psychology

PSYC3380 Abnormal Psychology

PSYC3390 Cognitive Psychology

PSYC3440 Psychology of the Workplace

PSYC3500 Principles of Learning

PSYC3510 Research Methods (also SOCI3510)

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. Goal 1C, ELO5 Social Science - Innovation

PSYC2000 Individual Study (Goal 1C) - 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

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 (Goal 1C) - 1-3 s.h.

PSYC3130 Sports Psychology (also PHED3130) - 3 s.h.

Analysis and application of psychological and sociological data related to the participation of the coach and the athlete in competitive sports programs. Prerequisites: Junior standing or instructor's permission.

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

mechanisms, including theories of perception, biology of sensory and perceptual systems, and practical applications of findings from research. Prerequisite: PSYC1300. Goal 1C. +This course is only offered every other year.

PSYC3310 Social Psychology (also SOCI3310) - 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: SOCI1300 or PSYC1300 (grade of C or better). Goal 1C.

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, and motivation and emotion. Prerequisites: PSYC1300 +This course is only 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. Goal 1C

PSYC3360 Environmental Psychology - 3 s.h.
Examination of the ways in which psychology impacts conservation, population, design, and sustainability issues in both natural and built environments. Interactive activity with ongoing campus sustainability programs is a feature of the course. Goal 1C, ELO5 Social Science - Sustainability. +This course is only offered every other year.

PSYC3370 Cross Cultural Psychology - 3 s.h.
Study of psychological theories and empirical findings relating to variations in cultures. Goal 4, 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: Five semester hours in Psychology. Goal 1C

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. Goal 1C +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;

design; group behavior; labor-management relations; leadership; employee selection and retention; psychological evaluation of workers. Goal 1C

PSYC3500 Principles of Learning - 3 s.h.
Explores a variety of theories of learning. Considers both conceptual and applied aspects of learning. Prerequisite: PSYC1300. Goal 1C +This course is only offered every other year.

PSYC3510 Research Methods (also SOCI3510) - 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: MATH1370.

PSYC3520 Research Methods Two - 3 s.h.
Development and implementation of an original research project. Prerequisite: PSYC3510, psychology major.

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. Goal 1C

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. Students will procure a professional internship in the field, which should be completed during the following semester. Prerequisite: Psychology major and junior standing.

PSYC4350 History and Systems - 3 s.h.
A historical analysis of systematic foundations in psychology. Includes Structuralism, Functionalism, Behaviorism, Gestalt psychology, and Psychoanalysis. Prerequisite: 5 semester hours in psychology.

PSYC4360 Senior Internship - 1-4 s.h.
Students will work with their professor in PSYC3520 to identify an internship where they can apply knowledge, theory, and skills from the major in a professional setting. Students should enroll in 1 credit for every 50 hours that will be volunteered in the sponsor organization (with a maximum of 4 credits). Prerequisite: psychology major, junior standing, instructor's consent.

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. Goal 1C

current theories of counseling. Prerequisite: PC Elect. Course

Bachelor of Arts Degree in Social Change

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 30 semester hours** as prescribed below:

Core Requirements 12 s.h.

ARTS3110 Art History: Activism, Empathy and Justice – 3 s.h. (General Education)

COMM2110 Intercultural Communication – 3 s.h. (General Education)

COMM2220 Communication and Advocacy – 3 s.h.

ENGL3240 Poetry and Social Justice – 3 s.h.

ENGL3480 Cultural Studies – 3 s.h. (General Education)

HIST3220 History of Inequality in the United States **or** SOCI3130 Social Movements – 3 s.h.

INTD4710 Social Change Capstone – 3 s.h.

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):

Racial/Ethnic, Gender and LGBTQIA Literacy and Justice

COMM3220 Gender and Communication – 3 s.h.

ENGL2330 Our Bondage and Our Freedom: Literatures of the Americas – 3 s.h.

ENGL2350 American Ethnic Literature – 3 s.h.

ENGL2360 African American Literature – 3 s.h.

ENGL2600 Gender and Sexuality – 3 s.h.

ENGL3350 Shakespeare and Social Justice – 3 s.h.

HIST1200 History of the African Diaspora – 3 s.h. (General Education)

MUSC3340 Musical Citizenship: Artistic Activism and Social Justice – 3 s.h.

RELG2220 Religion and Social Justice – 3 s.h.

SOCI2300 Race and Ethnicity – 3 s.h.

SOCI3200 Gender and Society – 3 s.h.

SOCI4330 Social Inequality – 3 s.h.

Tools of Change (6 hours from the following; at least 3 must be upper division; courses should not be from the same discipline):

ARTS1710 Graphic Design 2 – 3 s.h.

ARTS2240 Art for Social Change – 3 s.h.

COMM3140 Rhetorical Criticism and Persuasion – 3 s.h.

COMM3210 Conflict Management and Dialogue – 3 s.h.

ECON3200 Public Finance – 3 s.h.

EDUC2120 Human Relations – 3 s.h.

ENGL2410 Creative Writing: Poetry or ENGL2420 Creative Writing: Fiction – 3 s.h.

ENGL3530 Digital Filmmaking – 3 s.h.

RELG3540 Peace and Justice in the Christian Tradition – 3 s.h.

THTR1230 Theatre and Society – 3 s.h.

Recommended that Social Change students take ECON1320 Principle of Microeconomics and MATH1360 Statistics for Critical Thinking to complete their General Education requirements.

Courses Offered

ARTS1710 Graphic Design 2

ARTS2240 Art for Social Change

ARTS3110 Art History: Activism, Empathy and Justice

COMM2110 Intercultural Communication

COMM2220 Communication and Advocacy

COMM3140 Rhetorical Criticism and Persuasion

COMM3210 Conflict Management and Dialogue (Also SOCI/PEAC3210)

COMM3220 Gender and Communication

ECON1320 Principles of Microeconomics

ECON3200 Public Finance

EDUC2120 Human Relations

ENGL2330 Our Bondage and Our Freedom: Literatures of the Americas, 1491-1865

ENGL2350 American Ethnic Literature

ENGL2360 African American Literature

ENGL2410 Creative Writing: Poetry

ENGL2420 Creative Writing: Fiction

ENGL2600 Gender and Sexuality

ENGL3240 Poetry and Social Justice

ENGL3350 Shakespeare and Social Justice (also THTR3350)

ENGL3480 Cultural Studies

ENGL3530 Digital Filmmaking

HIST1200 History of the African Diaspora

HIST3220 History of Inequality in the United States

INTD4710 Social Change Capstone

MUSC3340 Musical Citizenship: Artistic Activism and Social Justice

RELG2220 Religion and Social Justice

RELG3540 Peace and Justice in the Christian Tradition

SOCI2300 Race and Ethnicity in the United States

SOCI3130 Social Movements

SOCI3200 Gender and Society

SOCI4330 Social Inequality

THTR1230 Theatre and Society

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 Graphics for Art & 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

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.

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.

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. Goal 3B +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.

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. Goal 1C, 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. Goal 1C, 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

ENGL2330 Our Bondage and Our Freedom: Literatures of the Americas, 1491-1865 - 3 s.h.

Survey of writers from North and South America stretching from the advent of European colonization in the Western Hemisphere to the conclusion of the U.S. Civil War. The course will pay special attention to the legacies of colonialism and slavery, and the ways that literature and language, as oral storytelling and print culture, both underwrote systems of enslavement and created social movements for freedom and equality. Goal 2B, ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace

ENGL2350 American Ethnic Literature - 3 s.h.

A survey of multi-ethnic U.S. literature, including 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. Goal 2B, ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace. ++ This course is on a four-year cycle.

ENGL2360 African American Literature - 3 s.h.

A survey of African American literature from the eighteenth century to the present. An array of discursive modes, including songs, folklore, speeches, poetry, fiction and drama, will be analyzed across various African-American artistic and social movements, from sorrow songs, abolitionist tracts, and the Harlem Renaissance to civil rights speeches, the Black Arts avant-garde, and spoken word performance. As a complement to literary texts, students will also examine a range of introductory theoretical texts in the interdisciplinary field of African-American studies. Goal 2B, ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace. ++ Denotes a course on a four-year cycle.

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. Goal 2B, ELO5 Humanities - Sustainability +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. Goal 2B, ELO5 Humanities - Sustainability. +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. Goal 2B, ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace ++ This course is on a four-year cycle.

ENGL3240 Poetry and Social Justice - 3 s.h.
An investigation of the role of poetry as a vehicle for social change. With a focus on the poetry of emancipatory social movements, this global survey course includes a range of modern poets who merged the personal with the political, including William Blake, Walt Whitman, Muriel Rukeyser, Pablo Neruda, Amiri Baraka, Adrienne Rich, June Jordan, Dennis Brutus, and Mahmoud Darwish. Students examine how poetry and poetic form 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. Goal 2B, ELO5 Humanities - Peace, ELO5 Humanities - Equality and Peace +This course is only offered every other year.

ENGL3350 Shakespeare and Social Justice (also THTR3350) - 3 s.h.
Examines plays and poems authored or co-authored by Shakespeare, emphasizing the plays as historical performance texts, specifically looking at the plays through lenses of social justice, including those informed by critical studies of race, gender, sexuality, class, and disability. No prior knowledge of or comfort with Shakespeare is required for success in the course. ELO5 Humanities - Peace, ELO5 Humanities - Equality and Peace

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.

+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. Goal 2B. +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. Goal 4, 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.

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.

MUSC3340 Musical Citizenship: Artistic Activism and Social Justice - 3 s.h.

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? Music has long been used by movements seeking social change. People from around the

movements seeking social change. People from around the world have used music as a platform to speak up and sing out about injustices. 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. From protest songs of the Civil Rights Movement, to music concerts for charity causes, to freedom songs of the African Americans, to the Singing Revolution of the country of Estonia, to songs of the LGBTQ movement, to the Sigauque Project in Mozambique, to the protest songs of the American union movement... and so on. Through readings, discussion, and in-depth analysis of these different songs and movements, students would gain knowledge of efforts to bring about both cultural and social change throughout the world. ELO5 Arts - Equality and Peace, GE3A Liberal Learning-Arts.

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. Goal 2B, ELO3 Ethical Thinking and Action - Equality, ELO3 Ethical Thinking and Action - 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. Goal 2B, 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.

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.

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.

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.

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.

Sociology Major or Minor

BA Degree - Sociology Major

In addition to the essential education requirements, Sociology majors must complete 39 semester hours as prescribed below. Sociology majors must have a GPA of 2.5 in their major in order to graduate.

Core courses 18 s.h.

SOCI1300 Introduction to Sociology – 3 s.h.
SOCI2100 Sociology of Everyday Life – 3 s.h.
PSYC/SOCI3510 Research Methods – 3 s.h.
SOCI3540 Social Research – 3 s.h.
SOCI4330 Social Inequality – 3 s.h.
*SOCI4540 Sociological Theory – 3 s.h.

Select seven SOCI courses (21 hrs) that are 2000 designation or higher (6 s.h. must be upper- division).
Non-sociology courses that would also count towards the major requirements include: PSYC/SOCI3310 Social Psychology, or PEAC/POLS2200 Introduction to Peace Studies.

The following courses are recommended for any student planning a career in criminal justice:
SOCI2500 Criminology, SOCI2300 Race and Ethnicity in the United States, SOCI2200 Environmental Crime, SOCI3200 Gender and Society, SOCI3210 Conflict Management and Dialogue, SOCI3110 Community Studies, SOCI3120 Sociological Studies of Policing, PEAC/POLS2200 Introduction to Peace Studies, PSYC3440 Psychology of the Workplace, and POLS3430 American Constitutional Law.

The following courses are recommended for any student planning a career in human services: PSYC/SOCI2320 Marriage and the Family, SOCI2300 Race and Ethnicity in the United States, SOCI3200 Gender and Society, SOCI3220 Sociology of Sexualities, SOCI3130 Social Movements, SOCI3210 Conflict Management and Dialogue, SOCI3110 Community Studies, PSYC2250 Developmental Psychology, and PSYC3440 Psychology of the Workplace.

Criminology Concentration

Sociology majors with an interest in a criminal justice-related career may wish to earn a criminology concentration. In addition to fulfilling the core requirements of the sociology major, the following courses are required as part of their 21 hours of electives:

SOCI2500 Criminology – 3 s.h.

SOCI2200 Environmental Crime 3 s.h.*

SOCI3120 Sociological Studies of Policing 3 s.h.*

SOCI3110 Community Studies 3 s.h.*

* Other sociologically-based, criminology-related topics courses may be offered on occasion and such an approved course may be substituted for one of these three. (SOCI2500 Criminology is not available for substitution and a student cannot have more than one substitution.)

Courses Offered

PEAC2200 Introduction to Peace Studies (also POLS2200)

POLS3430 American Constitutional Law

PSYC2250 Developmental Psychology

PSYC2320 Marriage and the Family (also SOCI2320)

PSYC3440 Psychology of the Workplace

PSYC3510 Research Methods (also SOCI3510)

SOCI1300 Introduction to Sociology

SOCI2100 Sociology of Everyday Life

SOCI2200 Environmental Crime

SOCI2300 Race and Ethnicity in the United States

SOCI2320 Marriage and the Family (also PSYC2320)

SOCI2500 Criminology

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

SOCI3310 Social Psychology (also PSYC3310)

SOCI3510 Research Methods (also PSYC3510)

SOCI3540 Social Research

SOCI4330 Social Inequality

SOCI4540 Sociological Theory

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. Goal 3E, ELO5 Histories - Peace, ELO5 Histories - Equality and Peace

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. Goal 1B. +This course is only offered every other year.

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

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.

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. Goal 1C

PSYC3510 Research Methods (also SOCI3510) - 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: MATH1370.

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. Goal 1C, ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace

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.

SOCI2500 Criminology - 3 s.h.

Study of the nature, extent and causes of crime, and the analysis of various types of crimes. Prerequisite: SOCI1300 (grade of C or better) and Sophomore standing.

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. Goal 3B. +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.

SOCI3310 Social Psychology (also PSYC3310) - 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: SOCI1300 or PSYC1300 (grade of C or better). Goal 1C

SOCI3510 Research Methods (also PSYC3510) - 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: MATH1370.

SOCI3540 Social Research - 3 s.h.
Designed to help the sociology majors professionalize their knowledge and experience through development and implementation of an original sociological research project. Prerequisite: Grade of C or better in SOCI3510 Research Methods, senior standing, and Sociology major.

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.

Sociology Minor

A minor in Sociology requires 18 or more semester hours in Sociology including SOCI1300 Introduction to Sociology and PSYC/SOCI3510 Research Methods.

Courses Offered

SOCI1300 Introduction to Sociology

SOCI3510 Research Methods (also PSYC3510)

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. Goal 1C, ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace

SOCI3510 Research Methods (also PSYC3510) - 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: MATH1370.

Teacher Certification in Sociology

ONLY FOR NON-SOCIOLOGY MAJORS WHO WANT A SECONDARY SOCIOLOGY ENDORSEMENT (5-12). Non-Sociology majors desiring a secondary Sociology endorsement (5-12) in Iowa must complete the Secondary Education Program (with SOSC3390 Methods of Teaching Social Studies as the appropriate methods course), a major in a secondary teaching field, and 24 s.h. in Sociology or 30 s.h. in the broad area of Social Sciences to include 15 s.h. in Sociology.

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.

Course list - 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

SOCI2500 Criminology

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

SOCI3310 Social Psychology (also PSYC3310)

SOCI3340 Penology (also CRMJ3340)

SOCI3350 Topics in Anthropology

SOCI3510 Research Methods (also PSYC3510)

SOCI3520 Juvenile Delinquency and Juvenile Justice (also CRMJ3520)

SOCI3540 Social Research

SOCI3900 Advanced Topics in Sociology

SOCI4000 Individual Study

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. Goal 1C, ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace

SOCI1350 Cultural Anthropology - 3 s.h.

Survey and analysis of diverse cultural patterns. Goal 4. +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.

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.

SOCI2500 Criminology - 3 s.h.

Study of the nature, extent and causes of crime, and the analysis of various types of crimes. Prerequisite: SOCI1300 (grade of C or better) and Sophomore standing.

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. Goal 1C, 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.

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. Goal 3B. +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.

SOCI3310 Social Psychology (also PSYC3310) - 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: SOCI1300 or PSYC1300 (grade of C or better). Goal 1C

SOCI3340 Penology (also CRMJ3340) - 3 s.h.
Examines various theories of social control, as well as correctional practices, reforms, and their consequences. Research on various punishment and correctional strategies will be discussed. +This course is only offered every other year.

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).

SOCI3510 Research Methods (also PSYC3510) - 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: MATH1370.

SOCI3520 Juvenile Delinquency and Juvenile Justice (also CRMJ3520) - 3 s.h.

(also CRMJ3520) - 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.

SOCI3540 Social Research - 3 s.h.
Designed to help the sociology majors professionalize their knowledge and experience through development and implementation of an original sociological research project. Prerequisite: Grade of C or better in SOCI3510 Research Methods, senior standing, and Sociology major.

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.

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.

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.
- BUAD3310 Principles of Sales – 3 s.h.
- BUAD3320 Principles of Management – 3 s.h.
- ECON3220 Economics of Sports – 3 s.h.
- PHED/PSYC3130 Sport Psychology – 3 s.h.
- SPMT1210 Introduction to Sport Management – 1 s.h.
- SPMT1220 So, You Want to Work in Sport? – 1 s.h.
- SPMT1230 Sports Career Game Plan – 1 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.
- SPMT4500 Seminar in Sport Management – 3 s.h.
- SPMT4700 Internship in Sport Management – 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 Sport Management:

- SPMT2700 Sport Management Practicum – 3 s.h.

Other Recommendations: Leadership Academy Certificate

Courses Offered

ACCT2310 Financial Accounting

BUAD3310 Principles of Sales

BUAD3320 Principles of 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)

SPMT1210 Introduction to Sport Management

SPMT1220 So, You Want to Work in Sport

SPMT1230 Sports Career Game Plan

SPMT2300 Legal and Ethical Issues in Sports

SPMT2700 Sport Practicum

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.

BUAD3310 Principles of Sales - 3 s.h.
Principles of Sales is designed to expose students to the many functions of modern sales and sales management including topics such as the selling process, the buying process, creating value in buyer-seller relationships, prospecting, sales call planning, communicating the message, negotiating for win-win solutions, promoting trust, closing the sale, as well as how to motivate, compensate and train sales people.

BUAD3320 Principles of Management - 3 s.h.
Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing. Goal 6

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. Goal 1C, 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. Prerequisite: 2 years high school 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. Prerequisite: 1 year high school algebra. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

PHED3130 Sports Psychology (also PSYC3130) - 3 s.h.

Analysis and application of psychological and sociological data related to the participation of the coach and the athlete in competitive sports programs. Prerequisites: Junior standing or instructor's permission.

PSYC3130 Sports Psychology (also PHED3130) - 3 s.h.
Analysis and application of psychological and sociological data related to the participation of the coach and the athlete in

competitive sports programs. Prerequisites: Junior standing or instructor's permission.

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.

SPMT1210 Introduction to Sport Management - 1 s.h.

An introduction to the field of sport management and areas of employment, including professional sports, intercollegiate athletics, campus recreation, municipal recreation, for-profit sport, non-profit sport, military recreation, and correctional recreation.

SPMT1220 So, You Want to Work in Sport - 1 s.h.

An introduction to the sport industry, including the various areas within sport, and what steps are necessary for students to best prepare themselves for a career in the field.

SPMT1230 Sports Career Game Plan - 1 s.h.

This course will work cooperatively with Work In Sports and through a series of online modules, students will gain industry specific knowledge to prepare them for employment in the sport industry. The four modules will include Gaining the Right Experience, Building and Maintaining a Professional Network, Mastering Your Résumé, Cover Letter & Personal Brand, and Excelling in Interviews.

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.

SPMT2700 Sport Practicum - 0-3 s.h.

The Sport Management Practicum exposes students to a practical learning environment through which they apply classroom theory to sport world reality. The practicum usually occurs on a part – time basis, during the student's sophomore or junior year, focusing on personal learning objectives. Students complete additional coursework while completing the practicum, and therefore students are encouraged to pursue opportunities on - campus during the semester or off – campus during the

summer. The practicum integrates coursework with planned and supervised sport experiences for a total of 120 hours. The practicum can be completed with the Graceland University Athletic Department or other agreed upon organization. Instructor's consent required for registration.

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. 3 credits Prerequisites: SPMT1210, SPMT1220, AND SPMT1230.

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.
- SPMT1210 Introduction to Sport Management – 1 s.h.
- SPMT1220 So, You Want to Work in Sport? – 1 s.h.
- SPMT1230 Sports Career Game Plan – 1 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)

SPMT1210 Introduction to Sport Management

SPMT1220 So, You Want to Work in Sport

SPMT1230 Sports Career Game Plan

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. Goal 1C, 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.

SPMT1210 Introduction to Sport Management - 1 s.h.

An introduction to the field of sport management and areas of employment, including professional sports, intercollegiate athletics, campus recreation, municipal recreation, for-profit sport, non-profit sport, military recreation, and correctional recreation.

SPMT1220 So, You Want to Work in Sport - 1 s.h.

An introduction to the sport industry, including the various areas within sport, and what steps are necessary for students to best prepare themselves for a career in the field.

SPMT1230 Sports Career Game Plan - 1 s.h.

This course will work cooperatively with Work In Sports and through a series of online modules, students will gain industry specific knowledge to prepare them for employment in the sport

industry. The four modules will include Gaining the Right Experience, Building and Maintaining a Professional Network, Mastering Your Résumé, Cover Letter & Personal Brand, and Excelling in Interviews.

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. 3 credits Prerequisites: SPMT1210, SPMT1220, AND SPMT1230.

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 18 semester hours from the following courses:

- BUAD3210 Social Media Marketing – 3 s.h.
- BUAD3240 Marketing Analytics – 3 s.h.
- PHED3410 Theory of Coaching – 2 s.h.
- SPMT2700 Sport Management Practicum – 1 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 Analytics

PHED3410 Theory of Coaching

SOCI4100 Social Issues in Sport (also SPMT4100)

SPMT2700 Sport Practicum

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. Prerequisite: BUAD3330 Principles of Marketing or ARTS1680 Computer Graphics for Art & Design or COMM1250 Introduction to Communication Theory.

BUAD3240 Marketing 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.

PHED3410 Theory of Coaching - 2 s.h.

Knowledge and understanding of the techniques and theory of coaching interscholastic athletics, including professional ethics in coaching.

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.

SPMT2700 Sport Practicum - 0-3 s.h.

The Sport Management Practicum exposes students to a practical learning environment through which they apply classroom theory to sport world reality. The practicum usually

occurs on a part – time basis, during the student's sophomore or junior year, focusing on personal learning objectives. Students complete additional coursework while completing the practicum, and therefore students are encouraged to pursue opportunities on - campus during the semester or off – campus during the summer. The practicum integrates coursework with planned and supervised sport experiences for a total of 120 hours. The practicum can be completed with the Graceland University Athletic Department or other agreed upon organization. Instructor's consent required for registration.

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. 3 credits Prerequisites: SPMT1210, SPMT1220, AND SPMT1230.

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.

Course list - Sport Management

Courses Offered

SOCI4100 Social Issues in Sport (also SPMT4100)

SPMT1210 Introduction to Sport Management

SPMT1220 So, You Want to Work in Sport

SPMT1230 Sports Career Game Plan

SPMT2300 Legal and Ethical Issues in Sports

SPMT2700 Sport Practicum

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

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.

SPMT1210 Introduction to Sport Management - 1 s.h.

An introduction to the field of sport management and areas of employment, including professional sports, intercollegiate athletics, campus recreation, municipal recreation, for-profit sport, non-profit sport, military recreation, and correctional recreation.

SPMT1220 So, You Want to Work in Sport - 1 s.h.

An introduction to the sport industry, including the various areas within sport, and what steps are necessary for students to best prepare themselves for a career in the field.

SPMT1230 Sports Career Game Plan - 1 s.h.

This course will work cooperatively with Work In Sports and through a series of online modules, students will gain industry specific knowledge to prepare them for employment in the sport industry. The four modules will include Gaining the Right Experience, Building and Maintaining a Professional Network, Mastering Your Résumé, Cover Letter & Personal Brand, and Excelling in Interviews.

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.

SPMT2700 Sport Practicum - 0-3 s.h.

The Sport Management Practicum exposes students to a practical learning environment through which they apply classroom theory to sport world reality. The practicum usually occurs on a part – time basis, during the student's sophomore or junior year, focusing on personal learning objectives. Students complete additional coursework while completing the practicum, and therefore students are encouraged to pursue opportunities on - campus during the semester or off – campus during the summer. The practicum integrates coursework with planned and supervised sport experiences for a total of 120 hours. The practicum can be completed with the Graceland University Athletic Department or other agreed upon organization. Instructor's consent required for registration.

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. 3 credits Prerequisites: SPMT1210, SPMT1220, AND SPMT1230.

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.

- BIOL1100/SUST1100 Introduction to Sustainability – 3 s.h.
- CSIT2110/SUST2100 Introduction to Geographic Information Sciences – 3 s.h.
- ENGL3260 American Environmental Literature – 3 s.h.
- ENGL2540 Global Eco-Cinema – 3 s.h.
- HIST1560 United States Environmental History – 3 s.h.
- PHIL1200 Environmental Ethics – 3 s.h.
- COMM3240 Environmental Communication – 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.
- PSYC3360 Environmental Psychology – 3 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

BIOL1100 Introduction to Sustainability (also SUST1100)

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

ENGL2540 Global Eco-Cinema

ENGL3260 American Environmental Literature

HIST1560 United States Environmental History

MATH1370 Statistics for Sciences

PHIL1200 Environmental Ethics

PSYC3360 Environmental Psychology

SUST1100 Introduction to Sustainability (also BIOL1100)

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

BIOL1100 Introduction to Sustainability (also SUST1100) - 3 s.h.

An introduction to the fundamentals of sustainability and its impact on biological systems. Explores how sustainability relates to population, ecosystems, global change, energy, agriculture, water, environmental economics and policy, ethics, and cultural history. Practical approaches to this course will be tied closely to small-scale agriculture and water use with hands-on fieldwork at the campus EcoPlot. Goal 1A, ELO6 Science - 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

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. Includes a lab. 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. Goal 1C, ELO5 Social Science - Sustainability

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. Goal 2B, ELO5 Humanities - Sustainability +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. Goal 2B, 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. Goal 1B, ELO5 Histories - Sustainability.

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. Prerequisite: 1 year high school algebra. ELO6 Math, GE2B Foundational Skills-Mathematics/Quantitative.

PHIL1200 Environmental Ethics - 3 s.h.
An overview of environmental ethics, which analyzes the ethical responsibilities of human beings toward the natural world. Explores the diverse perspectives on and responses to environmental problems and analyzes the ethical underpinnings

environmental problems and analyzes the ethical underpinnings of these responses and perspectives. Goal 3E, ELO3 Ethical Thinking and Action - Sustainability

PSYC3360 Environmental Psychology - 3 s.h.

Examination of the ways in which psychology impacts conservation, population, design, and sustainability issues in both natural and built environments. Interactive activity with ongoing campus sustainability programs is a feature of the course. Goal 1C, ELO5 Social Science - Sustainability. +This course is only offered every other year.

SUST1100 Introduction to Sustainability (also BIOL1100) - 3 s.h.

An introduction to the fundamentals of sustainability and its impact on biological systems. Explores how sustainability relates to population, ecosystems, global change, energy, agriculture, water, environmental economics and policy, ethics, and cultural history. Practical approaches to this course will be tied closely to small-scale agriculture and water use with hands-on fieldwork at the campus EcoPlot. Goal 1A, 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.

Course list - Sustainability Studies

Courses Offered

CSIT2110 Introduction to Geographic Information Sciences (also SUST2100)

SUST1100 Introduction to Sustainability (also BIOL1100)

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

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.

SUST1100 Introduction to Sustainability (also BIOL1100) - 3 s.h.
An introduction to the fundamentals of sustainability and its impact on biological systems. Explores how sustainability relates to population, ecosystems, global change, energy, agriculture, water, environmental economics and policy, ethics, and cultural history. Practical approaches to this course will be tied closely to small-scale agriculture and water use with hands-on fieldwork at the campus EcoPlot. Goal 1A, 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 of the the three tracks: Pre-PT/OT, Pre-AT/DC, or Strength and Conditioning.

Requirements for Allied Health Major (37):

ATHT2500 Medical Terminology – 2 s.h.

ATHT3100 Prevention and Care of Athletic Injuries – 4 s.h.

HLTH1100 First Aid – 1 s.h.

HLTH2560 Nutrition – 3 s.h.

HMSC3200 Foundations of Evidence Based Practice – 3 s.h.

MATH1370 Statistics for Sciences* – 3 s.h.

PHED1500 Introduction to Kinesiology – 3 s.h.

PHED1600 Corrective Exercise – 3 s.h.

PHED2120 Motor Learning – 3 s.h.

PHED2260 Introduction to Performance Training – 3 s.h.

PHED3340 Biomechanics with Lab – 4 s.h.

PHED4360 Physiology of Exercise – 3 s.h.

PHED4725 Practicum of Clinical Assessment **or** PHED4726 Practicum of Human Performance – 3 s.h.

PHED4750 Allied Health Capstone – 3 s.h.

PSYC1300 Introductory Psychology* – 3 s.h.

Courses Offered

ATHT2500 Medical Terminology

ATHT3100 Prevention and Care of Athletic Injuries

HLTH1100 First Aid

HLTH2560 Nutrition

HMSC3200 Foundations of Evidence Based Practice

MATH1370 Statistics for Sciences

PHED1500 Introduction to Kinesiology

PHED1600 Corrective Exercise

PHED2120 Motor Learning

PHED2260 Introduction to Performance Training

PHED3340 Biomechanics with Lab

PHED4360 Physiology of Exercise

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.

ATHT3100 Prevention and Care of Athletic Injuries - 3 s.h.

Techniques of injury prevention and caring for athletic injuries.

HLTH1100 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. 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. Goal 1A

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.

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. Prerequisite: 1 year high school algebra. 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.

PHED1600 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. Prerequisite: PHED1500 Introduction to Kinesiology

PHED2120 Motor Learning - 3 s.h.

Introduction to the principles involved in learning and teaching motor skills.

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: PHED1600. A grade of C or higher

required to count toward the Allied Health major.

PHED3340 Biomechanics with Lab - 4 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. Includes a lab experience. 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.

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. Pre- or Corequisite: PHED4500. 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 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.

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. Goal 1C, ELO5 Social Science - Innovation

Allied Health: Pre-PT/OT Track

Allied Health: Pre-PT/OT Track

The Allied Health track in Pre-PT/OT is intended for students seeking to pursue advanced or professional degrees in Physical Therapy or 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-PT/OT

- 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

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: MATH1280 and CHEM1310 or one year of high school chemistry. 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. Goal 1A

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. Goal 1A

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

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.

Students who are interested in completing an accelerated Master of Science in Athletic Training or an accelerated Doctorate of Chiropractic degrees, the Pre-AT/DC concentration has 3+2 and 3+3 plans available for several collaborating institutions. Please contact Dr. James Geiselman jfg1@graceland.edu (mailto:jfg1@graceland.edu) for more information.

Current collaborating institutions include:

- Master of Athletic Training
  - Culver-Stockton College
  - Midland University
  - Drake University
  - Grand View University
- Doctor of Chiropractic (3+3)
  - Logan University
  - Palmer College of Chiropractic (Davenport, IA)
  - Palmer College of Chiropractic – West (San Jose, CA)
  - Palmer College of Chiropractic – Florida (Port Orange, FL)

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: MATH1280 and CHEM1310 or one year of high school chemistry. 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. Goal 1A

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

Allied Health: Strength and Conditioning Track

Allied Health: Strength and Conditioning Track

The Allied Health track in Strength and Conditioning 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

- 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 (2-2)

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 (2-2) - 3 s.h.

The study of structure and function of the human body on the cellular, tissue, organ, and organ-system level. All organ systems are discussed. Emphasis is on the anatomy of the musculoskeletal, cardiovascular, and digestive systems. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) Additional fee required. Goal 1A

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

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. 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. Prerequisite: HLTH2560.

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.

PHED3130 Sports Psychology (also PSYC3130) - 3 s.h.
Analysis and application of psychological and sociological data related to the participation of the coach and the athlete in competitive sports programs. Prerequisites: Junior standing or instructor's permission.

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. Prerequisites:

means of directing client performance training. 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. Prerequisite: PHED4500.

PSYC3130 Sports Psychology (also PHED3130) - 3 s.h.

Analysis and application of psychological and sociological data related to the participation of the coach and the athlete in competitive sports programs. Prerequisites: Junior standing or instructor's permission.

Bachelor of Science Degree in Biology

BS Degree - Biology Major

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 or **54 semester hours** for the Molecular and Biochemistry 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/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.

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., MATH1500 Applied Calculus – 3 s.h., or MATH1280 College Algebra – 3 s.h.*

Molecular and Biochemistry Concentration – MATH1510 Calculus I – 4 s.h. or MATH1500 Applied Calculus – 3 s.h.*

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:

BIOL2430 Animal Biology with Lab – 4 s.h.

BIOL2440 Plant Biology with Lab – 4 s.h.

BIOL3400 Ecology and Conservation 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 with Lab – 4 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.

Molecular and Biochemistry Track 34 s.h. (plus Core Courses)

BIOL2360 Microbiology with Lab – 4 s.h.
BIOL3310 Molecular Genetics with Lab – 4 s.h.
BIOL/CHEM4310 Biochemistry with Lab – 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

BIOL1500 Biology I with Lab

BIOL1520 Biology II with Lab

BIOL2100 Cell Biology and Genetics with Lab

BIOL2360 Microbiology with Lab

BIOL2430 Animal Biology with Lab

BIOL2440 Plant Biology with Lab

BIOL3310 Molecular Genetics with Lab

BIOL3400 Ecology and Conservation Biology with Lab

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

BIOL4111 Capstone Research I (also CHEM4111)

BIOL4120 Capstone Research II (also CHEM4120)

BIOL4130 Capstone Research III (also CHEM4130)

BIOL4310 Biochemistry with Lab (also CHEM4310)

BIOL4400 Immunology

BIOL4460 Cell and Cancer Biology

CHEM1410 General Chemistry I Workshop with Lab

CHEM1420 General Chemistry II Workshop with Lab

CHEM1450 Introduction to Organic and Biochemistry (1-0)

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 (also BIOL4111)

CHEM4120 Capstone Research II (also BIOL4120)

CHEM4130 Capstone Research III (also BIOL4130)

CHEM4310 Biochemistry with Lab (also BIOL4310)

MATH1280 College Algebra

MATH1370 Statistics for Sciences

MATH1500 Applied Calculus

MATH1510 Calculus I

PHYS1410 Elements of Physics I with Lab

PHYS1420 Elements of Physics II 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). Goal 1A

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. Goal 1A

BIOL2430 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. Additional fee required. Prerequisite: BIOL1500, BIOL1520 or instructor's consent. +This course is only offered every other year.

BIOL2440 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. Additional fee required. Prerequisite: BIOL1500, BIOL1520 or instructor's consent. +This course is only offered every other year.

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. Includes a lab. 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.

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.

BIOL4111 Capstone Research I (also CHEM4111) - 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 senior

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 with Lab (also CHEM4310) - 4 s.h.

An introduction to biologically important molecules and metabolic pathways and the laboratory techniques used to study and characterize them. Additional fee required. 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). Goal 1A +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.

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

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: MATH1280 and CHEM1310 or one year of high school chemistry. 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 and instructor consent.

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: CHEM1440/1441 with a grade of C or better, is strongly

CHEM1440/1441 with a grade of C or better. is strongly recommended. Corequisite: CHEM3411 Organic Chemistry I Lab. Goal 1A

CHEM3411 Organic Chemistry I Lab (0-3) - 1 s.h.
Additional fee required. Corequisite: CHEM3410 Organic Chemistry I. Goal 1A

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. Goal 1A

CHEM3421 Organic Chemistry II Lab (0-3) - 1 s.h.
Additional fee required. Corequisite: CHEM3420 Organic Chemistry II. Goal 1A

CHEM4111 Capstone Research I (also BIOL4111) - 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 senior 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 with Lab (also BIOL4310) - 4 s.h.
An introduction to biologically important molecules and metabolic pathways and the laboratory techniques used to study and characterize them. Additional fee required. Prerequisite: CHEM3420/3421 and BIOL2100. +This course is only offered every other year.

MATH1280 College Algebra - 3 s.h.
Solutions of polynomial, rational and radical equations, systems

of equations, matrices, sequences, series, functions, exponentials. Prerequisite: 2 years high school algebra. 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. Prerequisite: 1 year high school algebra. 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. Prerequisite: 2 years high school algebra. 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.

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. Goal 1A

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. Goal 1A

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). Goal 1A

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 27 semester hours in Biology including the following courses:
   BIOL1400 Unity of Life – 3 s.h.
   BIOL2360 Microbiology with Lab – 4 s.h.
   BIOL2430 Animal Biology with Lab – 4 s.h.
   BIOL2440 Plant Biology with Lab – 4 s.h.
   BIOL3400 Ecology and Conservation Biology with Lab – 4 s.h.
   BIOL3420 Human Anatomy with Lab – 4 s.h.
   BIOL3440 Human Physiology 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.
   Choose one of the following BIOL courses:
   BIOL2360 Microbiology with Lab – 4 s.h.
   BIOL2430 Animal Biology with Lab – 4 s.h.
   BIOL2440 Plant Biology with Lab – 4 s.h.
   BIOL3400 Ecology and Conservation Biology with Lab – 4 s.h.

Courses Offered

BIOL1500 Biology I with Lab

BIOL1520 Biology II with Lab

BIOL2100 Cell Biology and Genetics with Lab

BIOL2360 Microbiology with Lab

BIOL2430 Animal Biology with Lab

BIOL2440 Plant Biology with Lab

BIOL3400 Ecology and Conservation Biology with Lab

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology 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). Goal 1A

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. Goal 1A

BIOL2430 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. Additional fee required. Prerequisite: BIOL1500, BIOL1520 or instructor's consent. +This course is only offered every other year.

BIOL2440 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. Additional fee required. Prerequisite: BIOL1500, BIOL1520 or instructor's consent. +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. Includes a lab. 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.

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.

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. Goal 1A

Course list - Biology

Courses Offered

BIOL1100 Introduction to Sustainability (also SUST1100)

BIOL1500 Biology I with Lab

BIOL1520 Biology II with Lab

BIOL2000 Individual Study (Goal 1A)

BIOL2100 Cell Biology and Genetics with Lab

BIOL2300 Anatomy and Physiology I (2-2)

BIOL2310 Anatomy and Physiology II (2-2)

BIOL2350 Introduction to Microbiology

BIOL2360 Microbiology with Lab

BIOL2400 Frontiers in Neuroscience (also PSYC2400)

BIOL2430 Animal Biology with Lab

BIOL2440 Plant Biology with Lab

BIOL2580 Drug Development and Society with Lab

BIOL2900 Special Topics

BIOL3000 Individual Study (Goal 1A)

BIOL3120 Internship in Biological Sciences

BIOL3310 Molecular Genetics with Lab

BIOL3400 Ecology and Conservation Biology with Lab

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

BIOL3900 Special Topics – Goal 1A

BIOL4111 Capstone Research I (also CHEM4111)

BIOL4120 Capstone Research II (also CHEM4120)

BIOL4130 Capstone Research III (also CHEM4130)

BIOL4310 Biochemistry with Lab (also CHEM4310)

BIOL4400 Immunology

BIOL4460 Cell and Cancer Biology

BIOL4900 Special Topics

Course Descriptions

BIOL1100 Introduction to Sustainability (also SUST1100) - 3 s.h.

An introduction to the fundamentals of sustainability and its impact on biological systems. Explores how sustainability relates to population, ecosystems, global change, energy, agriculture, water, environmental economics and policy, ethics, and cultural history. Practical approaches to this course will be tied closely to small-scale agriculture and water use with hands-on fieldwork at the campus EcoPlot. Goal 1A, ELO6 Science - Sustainability

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 (Goal 1A) - 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). Goal 1A

BIOL2300 Anatomy and Physiology I (2-2) - 3 s.h.
The study of structure and function of the human body on the cellular, tissue, organ, and organ-system level. All organ systems are discussed. Emphasis is on the anatomy of the musculoskeletal, cardiovascular, and digestive systems. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) Additional fee required. Goal 1A

BIOL2310 Anatomy and Physiology II (2-2) - 3 s.h.
The focus is on the physiology of the organ systems, specifically the endocrine and reproductive systems. Fluid-electrolyte balance, acid-base balance, and metabolism are also emphasized. Online only. Prerequisite: BIOL2300. Goal 1A

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. Goal 1A

BIOL2400 Frontiers in Neuroscience (also PSYC2400) - 1 s.h.
This course will explore historical and recent exploration in the field of neuroscience. Specifically, research will be presented related to cellular mechanisms of action in neuroscience, the use of animals in neuroscience, disease states related to neuroscience, drug discovery in neuroscience, and psychological medications in neuroscience.

BIOL2430 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. Additional fee required. Prerequisite: BIOL1500, BIOL1520 or instructor's consent. +This course is only offered every other year.

BIOL2440 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. Additional fee required. Prerequisite: BIOL1500, BIOL1520 or instructor's consent. +This course is only offered every other year.

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, GE3D Liberal Learning-Natural Sciences.

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. Goal 1A

BIOL3000 Individual Study (Goal 1A) - 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. Goal 1A

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. Includes a lab. 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.

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.

BIOL3900 Special Topics – Goal 1A - 1-3 s.h.

BIOL4111 Capstone Research I (also CHEM4111) - 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 senior 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 with Lab (also CHEM4310) - 4

s.h.

An introduction to biologically important molecules and metabolic pathways and the laboratory techniques used to study and characterize them. Additional fee required. 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). Goal 1A +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.

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. Goal 1A

Chemistry Degree

BS Degree - Chemistry Major

In addition to the general education requirements (some are listed below with *), majors in Chemistry must complete the following 51 semester hours:

- 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.
- CHEM3610 Physical Chemistry I with Lab – 4 s.h.
- CHEM3620 Physical Chemistry II with Lab – 4 s.h.
- BIOL/CHEM4310 Biochemistry with Lab – 4 s.h.
- CHEM4330 Instrumental Analysis 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.

In addition to the Chemistry course requirements, the following courses are also required for majors in Chemistry:

- BIOL2100 Cell Biology and Genetics with Lab – 4 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.

Courses Offered

BIOL2100 Cell Biology and Genetics with Lab

CHEM1410 General Chemistry I Workshop with Lab

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)

CHEM3610 Physical Chemistry I with Lab

CHEM3620 Physical Chemistry II with Lab

CHEM4111 Capstone Research I (also BIOL4111)

CHEM4120 Capstone Research II (also BIOL4120)

CHEM4130 Capstone Research III (also BIOL4130)

CHEM4310 Biochemistry with Lab (also BIOL4310)

CHEM4330 Instrumental Analysis (3-3)

MATH1510 Calculus I

MATH1520 Calculus II

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). Goal 1A

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: MATH1280 and CHEM1310 or one year of high school chemistry. 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.

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: CHEM1440/1441 with a . grade of C or better is strongly recommended. Offered odd years Spring. +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: CHEM1440/1441 with a grade of C or better. is strongly recommended. Corequisite: CHEM3411 Organic Chemistry I Lab. Goal 1A

CHEM3411 Organic Chemistry I Lab (0-3) - 1 s.h.
Additional fee required. Corequisite: CHEM3410 Organic Chemistry I. Goal 1A

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. Goal 1A

CHEM3421 Organic Chemistry II Lab (0-3) - 1 s.h.
Additional fee required. Corequisite: CHEM3420 Organic Chemistry II. Goal 1A

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: CHEM1440/1441 with a grade of C or better is strongly recommended, 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 (also BIOL4111) - 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 senior 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 with Lab (also BIOL4310) - 4 s.h.

An introduction to biologically important molecules and metabolic pathways and the laboratory techniques used to study and characterize them. Additional fee required. Prerequisite: CHEM3420/3421 and BIOL2100. +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. Goal 1A. Offered even years Fall. +This course is only offered every other year.

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. Goal 3A

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. Goal 1A

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. Goal 1A

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.
- BIOL/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 (also BIOL4111)

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: MATH1280 and CHEM1310 or one year of high school chemistry. 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: CHEM1440/1441 with a grade of C or better. is strongly recommended. Corequisite: CHEM3411 Organic Chemistry I Lab. Goal 1A

CHEM3411 Organic Chemistry I Lab (0-3) - 1 s.h.

Additional fee required. Corequisite: CHEM3410 Organic Chemistry I. Goal 1A

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. Goal 1A

CHEM3421 Organic Chemistry II Lab (0-3) - 1 s.h.

Additional fee required. Corequisite: CHEM3420 Organic Chemistry II. Goal 1A

CHEM4111 Capstone Research I (also BIOL4111) - 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 senior standing or consent of instructor.

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.
   BIOL/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.
BIOL/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 (also BIOL4111)

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: CHEM1440/1441 with a . grade of C or better is strongly recommended. Offered odd years Spring. +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: CHEM1440/1441 with a grade of C or better. is strongly recommended. Corequisite: CHEM3411 Organic Chemistry I Lab. Goal 1A

CHEM3411 Organic Chemistry I Lab (0-3) - 1 s.h.
Additional fee required. Corequisite: CHEM3410 Organic Chemistry I. Goal 1A

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. Goal 1A

CHEM3421 Organic Chemistry II Lab (0-3) - 1 s.h.
Additional fee required. Corequisite: CHEM3420 Organic Chemistry II. Goal 1A

CHEM4111 Capstone Research I (also BIOL4111) - 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 senior

that question. Prerequisite: BIOL2100, CHEM3410/3411, and senior 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. Goal 1A

Course list - Chemistry

Courses Offered

BIOL1200 Environmental Science with Lab (also CHEM1200)

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 (Goal 1A)

CHEM3000 Individual Study (Goal 1A)

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 (Goal 1A)

CHEM4111 Capstone Research I (also BIOL4111)

CHEM4120 Capstone Research II (also BIOL4120)

CHEM4130 Capstone Research III (also BIOL4130)

CHEM4310 Biochemistry with Lab (also BIOL4310)

CHEM4330 Instrumental Analysis (3-3)

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

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: MATH1280 and CHEM1310 or one year of high school chemistry. 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 and instructor consent.

CHEM2000 Individual Study (Goal 1A) - 1-3 s.h.

CHEM3000 Individual Study (Goal 1A) - 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. Goal 1A

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: CHEM1440/1441 with a . grade of C or better is strongly recommended. Offered odd years Spring. +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: CHEM1440/1441 with a grade of C or better. is strongly recommended. Corequisite: CHEM3411 Organic Chemistry I Lab. Goal 1A

CHEM3411 Organic Chemistry I Lab (0-3) - 1 s.h.
Additional fee required. Corequisite: CHEM3410 Organic Chemistry I. Goal 1A

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. Goal 1A

CHEM3421 Organic Chemistry II Lab (0-3) - 1 s.h.
Additional fee required. Corequisite: CHEM3420 Organic Chemistry II. Goal 1A

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: CHEM1440/1441 with a grade of C or better is strongly recommended, 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. Goal 1A

CHEM4000 Individual Study (Goal 1A) - 1-3 s.h.

CHEM4111 Capstone Research I (also BIOL4111) - 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 senior 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 with Lab (also BIOL4310) - 4 s.h.

An introduction to biologically important molecules and metabolic pathways and the laboratory techniques used to study and characterize them. Additional fee required. Prerequisite: CHEM3420/3421 and BIOL2100. +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. Goal 1A. 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 a concentration of 36 semester hours of CSIT courses as prescribed below:

- CSIT1100 Principles of Computing – 3 s.h.
- CSIT1200 Data Structures – 3 s.h.
- CSIT2010 Object-Oriented Programming – 3 s.h.
- CSIT2100 Intermediate Programming – 2 s.h.
- CSIT2240 Computer Hardware and Operating Systems – 3 s.h.
- CSIT2300 Linux Operating Systems – 3 s.h.
- CSIT3120 Computer Networks and Network Security – 3 s.h.
- CSIT3200 Systems Analysis and Design – 3 s.h.
- CSIT3300 Database Concepts and SQL – 3 s.h.
- ARTS/CSIT4100 Systems Development Project – 1 s.h.
- DSCI1500 Beginning Data Science and Data Analytics – 3 s.h.
- MATH1370 Statistics for Sciences* – 3 s.h.
- MATH2350 Discrete Mathematics* – 3 s.h.

Upper division CSIT electives – 6 s.h.

Courses Offered

CSIT1100 Principles of Computing

CSIT1200 Data Structures

CSIT2010 Object Oriented Programming

CSIT2100 Intermediate Programming

CSIT2240 Computer Hardware and Operating Systems

CSIT2300 Linux Operating Systems

CSIT2300 Linux Operating Systems

CSIT3120 Computer Networks and Network Security

CSIT3200 Systems Analysis and Design

CSIT3300 Database Concepts and SQL

CSIT4100 Systems Development Project (also ARTS4100)

DSCI1500 Beginning Data Science and Data Analytics

MATH1510 Calculus I

MATH2350 Discrete Mathematics

Course Descriptions

CSIT1100 Principles of Computing - 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 - 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.

CSIT2240 Computer Hardware and Operating Systems - 3 s.h.

A study of the modern computer organization of computer systems at the discrete and operating system levels. Topics include the core components of hardware and operating systems such as processor organization, digital logic and circuitry, instruction processing mechanisms, process management, memory management, and virtualization. Prerequisite: CSIT1200.

CSIT2300 Linux Operating Systems - 3 s.h.

A study of various utility tools and script programming as well as system programming available in Linux systems. Students learn C programming language for system level programming and Unix/Linux shell script for system administration and maintenance. Course will require significant programming. Prerequisite: CSIT1200.

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.

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. Prerequisite: CSIT1100.

CSIT4100 Systems Development Project (also ARTS4100) - 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.

DSCI1500 Beginning Data Science and Data 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 either CSIT1200 or CSIT2100.

Courses Offered

CSIT1100 Principles of Computing

CSIT1200 Data Structures

CSIT2100 Intermediate Programming

Course Descriptions

CSIT1100 Principles of Computing - 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 - 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.

Course list - Computer Science and Information Technology

Courses Offered

CSIT1010 Microcomputer Business Applications

CSIT1060 Introduction to Web Programming

CSIT1080 Technology in a Changing World

CSIT1100 Principles of Computing

CSIT1200 Data Structures

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)

CSIT2240 Computer Hardware and Operating Systems

CSIT2300 Linux Operating Systems

CSIT3000 Individual Study

CSIT3100 Operating Systems and Networks

CSIT3120 Computer Networks and Network Security

CSIT3200 Systems Analysis and Design

CSIT3300 Database Concepts and SQL

CSIT3400 Programming Languages

CSIT3500 Management of Information Systems

CSIT3600 Electronic Commerce (also BUAD3600)

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 Systems Development Project (also ARTS4100)

CSIT4200 Machine Learning

CSIT4360 Numerical Analysis (also MATH4360)

CSIT4370 Mathematical Modeling (also MATH4370)

Course Descriptions

CSIT1010 Microcomputer Business Applications - 3 s.h.

A proficiency-based course to develop intermediate level skills in Microsoft's Windows® and Office Suite®. Does not count towards the CSIT major.

CSIT1060 Introduction to Web Programming - 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.

CSIT1080 Technology in a Changing World - 3 s.h.

A study of technology and its effects on the world. The world is connected by technology and how its connecting us is critical to how we live today. Knowing how to handle technology and make it work effectively will be increasingly important for the future. Exploration will include how technology impacts our world in both a positive and negative sense. The ethical use of technology will be explored. Students will understand how to solve simple programming problems. ELO4 Global Learning - Innovation

CSIT1100 Principles of Computing - 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 - 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.

CSIT2240 Computer Hardware and Operating Systems - 3 s.h.

A study of the modern computer organization of computer systems at the discrete and operating system levels. Topics include the core components of hardware and operating systems such as processor organization, digital logic and circuitry, instruction processing mechanisms, process management, memory management, and virtualization. Prerequisite: CSIT1200.

CSIT2300 Linux Operating Systems - 3 s.h.
A study of various utility tools and script programming as well as system programming available in Linux systems. Students learn C programming language for system level programming and Unix/Linux shell script for system administration and maintenance. Course will require significant programming. Prerequisite: CSIT1200.

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.

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.

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. Prerequisite: CSIT1100.

CSIT3400 Programming Languages - 3 s.h.
A study of programming language concepts across a wide variety of computer languages such as scripting languages, object-oriented languages, functional languages, and web-programming languages. A survey of specific languages will be studied and programming projects in several of them will be done. Prerequisite: CSIT1200 +This course is only offered every other year.

CSIT3500 Management of Information Systems - 3 s.h.
Study of the fundamentals of information technology and how they support and interact with business organizations. Emphasis is on building a broad, basic technology framework.

CSIT3600 Electronic Commerce (also BUAD3600) - 3 s.h.
Exploration of the technologies and business environment surrounding the emergence of electronic commerce. There will be both a technical and non-technical track option for students, however, all students will be introduced to technical skills for implementing an electronic commerce website. Offered Spring even years. +This course is only offered every other year.

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 Systems Development Project (also ARTS4100) - 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.

CSIT4200 Machine Learning - 3 s.h.

A study of regression, kernels, support vector machines, clustering, Neural networks. Prerequisites: MATH3340, MATH2520, MATH4350, CSIT1200.

CSIT4360 Numerical Analysis (also MATH4360) - 3 s.h.

Analysis of numerical methods for computers covering iterative methods for finding roots of equations, numerical integration, interpolation and differentiation, and solution of ordinary differential equations. Error analysis and convergence of algorithms. Prerequisite: MATH2510 and a computer programming course. Goal 3A +This course is only offered every other year.

CSIT4370 Mathematical Modeling (also MATH4370) - 3 s.h.

Selected topics to demonstrate the interaction of mathematical thinking with real-world problems. Prerequisites: MATH1350 and MATH1520. Goal 3A +This course is only offered every other year.

Data Science Degree

BS Degree — Data Science Major

In addition to the general education requirements, majors in Data Science must **complete 35 semester hours** of coursework as described below:

- CSIT1100 Principles of Computing – 3 s.h.
- CSIT1200 Data Structures – 3 s.h.
- CSIT3300 Database Concepts and SQL – 3 s.h.
- CSIT4200 Machine Learning – 3 s.h.
- DSCI1500 Beginning Data Science and Data Analytics – 3 s.h.
- DSCI4320 Practical Applications of Data Science – 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.
- MATH2510 Calculus III – 4 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

CSIT1200 Data Structures

CSIT3300 Database Concepts and SQL

CSIT4200 Machine Learning

DSCI1500 Beginning Data Science and Data Analytics

DSCI4320 Practical Applications of Data Science

MATH1370 Statistics for Sciences

MATH1510 Calculus I

MATH1520 Calculus II

MATH2350 Discrete Mathematics

MATH2510 Calculus III

MATH3340 Linear Algebra

MATH4350 Probability and Advanced Statistics

Course Descriptions

CSIT1100 Principles of Computing - 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 - 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. Prerequisite: CSIT1100.

CSIT4200 Machine Learning - 3 s.h.

A study of regression, kernels, support vector machines, clustering, Neural networks. Prerequisites: MATH3340, MATH2520, MATH4350, CSIT1200.

DSCI1500 Beginning Data Science and Data 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 Practical Applications of Data Science - 3 s.h.

Exploratory data analysis is introduced along with fundamental

Exploratory data analysis is introduced along with fundamental considerations for data analysis on real data sets. Classical models and techniques for classification are included. Methods of data visualization are introduced. Prerequisites: CSIT4200 (This course may be taken for graduate credit and is equivalent to DSCI5320. Students must also sign up for DSCI4321 and complete all graduate level assignments.)

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. Prerequisite: 1 year high school algebra. 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. Goal 3A

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. Goal 3A

MATH3340 Linear Algebra - 3 s.h.
Matrices, vector spaces, linear transformations. Prerequisite: MATH1510 and MATH2350. Goal 3A. +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. Prerequisite: MATH1520 and MATH2350. +This course is only offered every other year. (This course may be taken for graduate credit and is equivalent to DSCI5340. Students must also sign up for DSCI4341 and complete all graduate level assignments.)

Data Science Minor

A minor in Data Science **requires 20 semester hours** as described below:

- CSIT1100 Principles of Computing – 3 s.h.
- CSIT1200 Data Structures – 3 s.h.
- DSCI1500 Beginning Data Science and Data Analytics – 3 s.h.
- MATH1370 Statistics for Sciences – 3 s.h.
- MATH1510 Calculus I – 4 s.h.
- MATH1520 Calculus II – 4 s.h.

Courses Offered

CSIT1100 Principles of Computing

CSIT1200 Data Structures

DSCI1500 Beginning Data Science and Data Analytics

MATH1370 Statistics for Sciences

MATH1510 Calculus I

MATH1520 Calculus II

Course Descriptions

CSIT1100 Principles of Computing - 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 - 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.

DSCI1500 Beginning Data Science and Data 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. Prerequisite: 1 year high school algebra. 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. Goal 3A

Course list - Data Science

Courses Offered

DSCI1500 Beginning Data Science and Data Analytics

DSCI4300 Introduction to Data Science

DSCI4320 Practical Applications of Data Science

DSCI4330 Extracting and Transforming Data

Course Descriptions

DSCI1500 Beginning Data Science and Data 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 programing. This course accompanies the DSCI5300 course for students who have been admitted to the 4+1 program. Students in the 4+1 program must also sign up for DSCI4301 and complete all graduate level assignments.

DSCI4320 Practical Applications of Data Science - 3 s.h.

Exploratory data analysis is introduced along with fundamental considerations for data analysis on real data sets. Classical models and techniques for classification are included. Methods of data visualization are introduced. Prerequisites: CSIT4200 (This course may be taken for graduate credit and is equivalent to DSCI5320. Students must also sign up for DSCI4321 and complete all graduate level assignments.)

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. This course accompanies the DSCI5330 course for students who have been admitted to the 4+1 program. Students in the 4+1 program must also sign up for DSCI4331 and complete all graduate level assignments.

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 Nursing Programs 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. The freshman and sophomore years are spent on the Lamoni campus, where the student enrolls in supporting science and humanities courses.* The nursing courses are taught on the Independence Campus in Independence, Missouri. The first three nursing courses are taught the summer before the junior year. 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.

*Transfer students may take these courses at other colleges.

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 2.75 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.

– 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 lab (4 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.)
    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, PHIL2420 World 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.)
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. Nursing essay including personal statement of goals.
4. Two reference letters from an academic and occupational source (two academic references may be used if applicant has never held a job).
5. Personal interview.
6. 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.
7. 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 (Beginning Professional Students)

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 38 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.

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. Goal 1A

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. Goal 1A

MATH1280 College Algebra - 3 s.h.

Solutions of polynomial, rational and radical equations, systems of equations, matrices, sequences, series, functions, exponentials. Prerequisite: 2 years high school algebra. 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. Prerequisite: 1 year high school algebra; geometry recommended. 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

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 - 2-3 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: 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.

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. Goal 3E

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. Goal 3E

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. Goal 3E

3E

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. Goal 3E

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. Goal 1C, 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

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. Goal 1C, ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace

SOCI1350 Cultural Anthropology - 3 s.h.
Survey and analysis of diverse cultural patterns. Goal 4. +This course is only offered every other year.

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.

NURS3160 Evidence Based Practice – 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

NURS3160 Evidence Based Practice

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

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. Goal 1A

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.

NURS3160 Evidence Based Practice - 2-3 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: 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

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: NURS3160, 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

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. Goal 1C, 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

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. Goal 1C, ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace

SOCI1350 Cultural Anthropology - 3 s.h.
Survey and analysis of diverse cultural patterns. Goal 4. +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

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 - 2-3 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: 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: 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.

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.

Esports Minor

Esports Minor

A minor in Esports consists of 18 semester hours from the following courses:

- BUAD3210 Social Media Marketing – 3 s.h.
- BUAD3240 Marketing Analytics – 3 s.h.
- PHED3410 Theory of Coaching – 2 s.h.
- SPMT2700 Sport Management Practicum – 1 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 Analytics

PHED3410 Theory of Coaching

SOCI4100 Social Issues in Sport (also SPMT4100)

SPMT2700 Sport Practicum

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. Prerequisite: BUAD3330 Principles of Marketing or ARTS1680 Computer Graphics for Art & Design or COMM1250

BUAD3300 Principles of Marketing or ARTS1300 Computer Graphics for Art & Design or COMM1200 Introduction to Communication Theory.

BUAD3240 Marketing 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.

PHED3410 Theory of Coaching - 2 s.h.

Knowledge and understanding of the techniques and theory of coaching interscholastic athletics, including professional ethics in coaching.

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.

SPMT2700 Sport Practicum - 0-3 s.h.

The Sport Management Practicum exposes students to a practical learning environment through which they apply classroom theory to sport world reality. The practicum usually occurs on a part – time basis, during the student's sophomore or junior year, focusing on personal learning objectives. Students complete additional coursework while completing the practicum, and therefore students are encouraged to pursue opportunities on - campus during the semester or off – campus during the summer. The practicum integrates coursework with planned and supervised sport experiences for a total of 120 hours. The practicum can be completed with the Graceland University Athletic Department or other agreed upon organization. Instructor's consent required for registration.

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. 3 credits Prerequisites: SPMT1210, SPMT1220, AND SPMT1230.

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.

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 10 s.h.

- HLTH1100 First Aid – 1 s.h.
- HLTH1220 Mental Health First Aid Training **or** PHED0490 Relaxation and Stress Management – 1 s.h.
- HLTH2200 Contemporary Issues in Health – 2 s.h.
- HLTH2560 Nutrition – 3 s.h.
- HLTH3220 Personal and Community Health – 3 s.h.

Select 9 additional hours from the courses below:

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

HLTH1100 First Aid

HLTH1220 Mental Health First Aid Training

HLTH2200 Contemporary Issues in Health

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 (2-2) - 3 s.h.

The study of structure and function of the human body on the cellular, tissue, organ, and organ-system level. All organ systems are discussed. Emphasis is on the anatomy of the musculoskeletal, cardiovascular, and digestive systems. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) Additional fee required. Goal 1A

HLTH1100 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. 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.

HLTH2200 Contemporary Issues in Health - 2 s.h.
An in-depth study of nutrition, drugs, consumer health, and other areas of current concern. Goal 3F

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. Goal 1A

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.

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. 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.

PHED1500 Introduction to Kinesiology - 3 s.h.

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.

Course list - Health

Courses Offered

HLTH1100 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

HLTH2410 Children's Health and Development – K-12 Health and Physical Education Lab

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 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

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. 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.

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. Goal 3F

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.

HLTH2410 Children's Health and Development – K-12 Health and Physical Education Lab - 1 s.h.

Development of teaching competence for prospective K-12 teachers in the health education classroom and physical education classroom and early childhood classroom. Intended for early childhood and education majors (including Health Education and Physical Education). To be taken concurrently with HLTH2400 Children's Health and Development for Teachers track.

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. Goal 1A

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.

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. 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. Prerequisite: HLTH2560.

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.

Financial Aid

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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 academic scholarships and grants. Grants are awarded to full-time students on the Lamoni Campus in the areas of athletics, performing arts, Community of Christ Leadership, and faith based scholarships and matches. Academic scholarships, when applicable, are awarded for an academic year and renewed annually in combination with other institutional aid.

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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 EFC 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. 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. The parent may borrow up to the cost of attendance minus other financial aid received. 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/)

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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Academic Scholarship (Merit Award) Program

High School and Transfer Students

Scholarships for incoming freshmen are based on high school GPA and composite ACT or combined SAT scores. For transfer students who have attempted 12 or more semester hours, scholarships are based on cumulative college GPA.

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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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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 with Lab (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. Goal 1A

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 with Lab (also CHEM4310) - 4 s.h.

An introduction to biologically important molecules and metabolic pathways and the laboratory techniques used to study and characterize them. Additional fee required. 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). Goal 1A +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. Prerequisite: 1 year high school algebra. 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 with Lab (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. Goal 1A

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 with Lab (also CHEM4310) - 4 s.h.

An introduction to biologically important molecules and metabolic pathways and the laboratory techniques used to study and characterize them. Additional fee required. 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: CHEM1440/1441 with a . grade of C or better is strongly recommended. Offered odd years Spring. +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. Goal 1A. 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. Prerequisite: 1 year high school algebra. 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 with Lab (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. Goal 1A

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 with Lab (also CHEM4310) - 4 s.h.

An introduction to biologically important molecules and metabolic pathways and the laboratory techniques used to study and characterize them. Additional fee required. 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). Goal 1A +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. Prerequisite: 1 year high school algebra. 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 with Lab (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. Goal 1A

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

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 with Lab (also CHEM4310) - 4 s.h.
An introduction to biologically important molecules and metabolic pathways and the laboratory techniques used to study and characterize them. Additional fee required. 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). Goal 1A +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. Prerequisite: 1 year high school algebra. 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 with Lab (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. Goal 1A

BIOL3310 Molecular Genetics with Lab - 4 s.h.

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 with Lab (also CHEM4310) - 4 s.h.

An introduction to biologically important molecules and metabolic pathways and the laboratory techniques used to study and characterize them. Additional fee required. 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). Goal 1A +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: CHEM1440/1441 with a . grade of C or better is strongly recommended. Offered odd years Spring. +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. Prerequisite: 1 year high school algebra. 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 with Lab (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. Goal 1A

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 with Lab (also CHEM4310) - 4 s.h.

An introduction to biologically important molecules and metabolic pathways and the laboratory techniques used to study and characterize them. Additional fee required. 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). Goal 1A +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. Goal 1A

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 requests (https://www.graceland.edu/campus-life/housing-request) can be completed online after a student has received their My Graceland username and password, through the last Early Orientation, usually early June. Roommate requests are considered when the request is received from both parties and **space is available**. Chances of being placed with the roommate of your choice are greatest if the request is submitted prior to June 9.

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. A limited number of students with Senior status are approved to live off campus each year. Seniors receive priority. 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://my.graceland.edu/ICS/Resources/Residence_Life/Main_Page.jnz?portlet=Residence_Life_PDF_Forms&screen=MainView&screenType=next) along with the necessary documentation to verify their exempt status, i.e.: copy of marriage license, dependent birth certificates, military ID card.

Students who wish to live off campus must complete an Off Campus Application (https://my.graceland.edu/ICS/Resources/Residence_Life/Main_Page.jnz?portlet=Residence_Life_PDF_Forms&screen=MainView&screenType=next). To be eligible to apply to live off campus, students must have earned 88 credit hours by the end of the Spring semester and be registered full time for the upcoming fall semester. The deadline for returning students to apply to live off campus is in March of the previous academic year. The number of upperclassmen approved to live off campus is determined by comparing the total number of number of beds available to the total number of current students enrolled, the size of the graduating senior class, and the current number of off campus students returning for the next academic year.

Students who live with their parent(s) or legal guardian(s) within a 25 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://my.graceland.edu/ICS/Resources/Residence_Life/Main_Page.jnz?

portlet=Residence_Life_PDF_Forms&screen=MainView&screenType=next=). 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://my.graceland.edu/ICS/Resources/Residence_Life/Main_Page.jnz?portlet=Residence_Life_PDF_Forms&screen=MainView&screenType=next) to the Residence Life Office for consideration. 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 are required to sign and submit an online housing contract (https://my.graceland.edu/ICS/Resources/Residence_Life/Forms.jnz). The online form is available on My Graceland. A link to the form will be included on the Enrollment Checklist (https://my.graceland.edu/ics/Student/Enrollment_Checklist.jnz). Signed housing contracts are valid for the academic year unless canceled under the terms of the contract. A Notice of Housing Cancelation (https://my.graceland.edu/ICS/Resources/Residence_Life/Main_Page.jnz?portlet=Residence_Life_PDF_Forms&screen=MainView&screenType=next) form is to be completed by those students who are graduating or who will be doing student teaching at a location away from the Lamoni area. Returning GU students sign contracts in the Spring during the Spring room selection process for the following academic year. Returning students who do not select a room nor turn in a signed room contract during the Spring room selection process, will be placed where rooms are available by the Residence Life Office.

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, arrangements can be made 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 (9 a.m. to Noon) and Wednesday nights (6 – 9 p.m.) are reserved for students to find relaxation, renewal and restoration, referred to as the 3Rs. Campus Ministries and others on campus sponsor activities during those times to help students meet those objectives.

Campus Ministries is part of 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 14 and 19.

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),
- 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
InSpire 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/).

Professional Personal Counseling

If a student has questions, problems or concerns, they are not alone. The Professional Personal Counselor provides confidential mental health counseling and education to help you maintain mental wellness throughout the college experience.

The Professional Personal Counselor 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 Professional Personal Counselor is also available for presentations on topics such as sexual assault awareness, how to recognize and treat depression, setting boundaries for good relationships, assertiveness, conflict resolution, and other mental health issues. The Professional Personal Counselor may refer students to other professional services when necessary.

Office Hours: Weekdays 8 am – 5 pm by appointment
Office: Zimmermann Hall, Room 202
Phone: 641.784.5463
Email: hodanf1@graceland.edu (mailto:hodanf1@graceland.edu)

Student Publications

The Tower is the online student newspaper covering the campus community in addition to voicing student and faculty opinion. Two print versions are published per year. **The Vespiary** is the student-run literary magazine produced annually. **The Acacia,** the university yearbook, captures the story of the year through digital photography, writing and graphic design. It is also published annually by students. All three publications offer unique student employment opportunities and are under the supervision of advisers.

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

Community Health Centers of Southern Iowa, 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 641-784-3371.

Health and Immunizations Forms
All students entering Graceland for the first time are required to complete an electronic Immunization Record to be stored digitally on a secure Graceland University server.

Immunization Requirements
Each student will be required to have proof of two measles vaccinations if he/she was born after 1957 and has not had the active disease. Exemption from the measles vaccination will be permitted to those for whom the immunization is contraindicated and verified by a doctor. Students from countries with a high prevalence of Tuberculosis are required to have a TB test done within the past year.

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, including Canadians, will be automatically enrolled with LewerMark Health Insurance which will be charged to their student account each semester. For more information about the International Student Health Insurance plan, please visit My Graceland (https://my.graceland.edu/ICS/Resources/Health_Services/).

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

48% of new high school graduates who entered Graceland University in Fall 2015 graduated by 2021. 75% of the transfer students who entered Graceland in Fall 2015 completed the baccalaureate degree at Graceland by 2021. Graduation rates of students with athletically related aid are available here (https://pubdocs.graceland.edu/Registrar/EnrollmentReports/GradRatesAthletes20210909.pdf).

2021-2022 Cumulative Summary of Enrollment

Location	Enrollment
Undergraduate	
Lamoni	832
Independence	163
CGCS	60
Total Undergraduate	1,055

Location	Enrollment
Graduate	
CGCS	568
Total Graduate	568
Total University Enrollment	1623

Cumulative Geographical Distribution of Undergraduate Students for 2021-2022

(Lamoni and Independence Campuses – Fall and Spring Semesters)

38 States plus District of Columbia and Puerto Rico are represented. 33 Countries are represented.

United States		**Countries**	
Alabama	4	Argentina	1
Alaska	3	Australia	1
Arizona	5	Bahamas	2
Arkansas	3	Bosnia & Herzegovina	1
California	43	Brazil	7
Colorado	8	Canada	8

Connecticut	1	Chile	12
District of Columbia	1	Columbia	3
Florida	43	Croatia	1
Georgia	8	Ecuador	1
Hawaii	27	England	1
Illinois	26	Ethiopia	1
Indiana	7	French Polynesia	1
Iowa	258	Germany	3
Kansas	37	Greece	1
Kentucky	1	Guyana	2
Louisiana	7	Italy	1
Michigan	21	Japan	1
Minnesota	4	Kenya	1
Missouri	341	Lithuania	1
Montana	1	Malaysia	1
Nebraska	5	Netherlands	2
Nevada	8	Nigeria	3

New Hampshire	1	Paraguay	1
New Jersey	1	Peru	1
New Mexico	1	Singapore	1
New York	2	South Africa	1
North Carolina	2	Spain	6
Ohio	4	St. Lucia	1
Oklahoma	12	Sweden	1
Oregon	3	Turkey	1
Pennsylvania	5	United Kingdom	3
Puerto Rico	8	United States	980
Tennessee	2	Venezuela	3
Texas	55	**TOTAL COUNTRIES**	**1055**
Utah	5		
Virginia	3		
Washington	3		
Wisconsin	9		
Wyoming	2		

TOTAL UNITED STATES	**980**

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 Dave Schaal, Vice President for Student Life and Dean of Students (dschaal@graceland.edu (mailto:dschaal@graceland.edu?subject=Code%20of%20Conduct%20)).

Harassment

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://my.graceland.edu/ICS/Resources/Safety_at_GU/Drug__Alcohol_Prevention_Resources.jnz) 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://my.graceland.edu/ICS/Resources/Safety_at_GU/Drug__Alcohol_Prevention_Resources.jnz) 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. Issues involving student final grades are not subject to this grievance policy. Refer to the "LINK HERE" policy and procedure.

In addition to the grievance policy stated above, students who feel a complaint has not been resolved may contact the Iowa College Student Aid Commission (Iowa College Aid) at (877) 272-4456 or by using the following URL: https://iowacollegeaid.gov/StudentComplaintForm (https://iowacollegeaid.gov/StudentComplaintForm)

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 2023 – 2024.

Application Fee

A *nonrefundable application fee is required for the processing of transcripts and the determination of admissibility. Re-entry, degree-seeking students who have allowed a major semester (or the equivalent of a major semester) to elapse since last enrollment must pay a reactivation fee.

*Missouri Program students have a three business day right of rescission. Not applicable to the Lamoni Campus traditional Program.

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 midsession 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 $660.00 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

2022-2023 General Fees

Fee	Amount
Acacia Yearbook	$55 (included in graduation fee)
Access Card Replacement (card used for entrance to Independence campus)	$15 per occurrence
ACE Fee (non-high school student enrolled in an ACE course)	$150 per course
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
Diploma Replacement with Cover	$50

Fee	Amount
Diploma Replacements with Cover	$50 per occurrence
Diploma Replacements without Cover	$40 per occurrence
Distance Learning Bookstore Restocking Fee	$10 per occurrence
Excess Check Overnight Mailing Fee (nonrefundable)	$35 per occurrence
Experiential Learning Credit Fee (nonrefundable)	$100 per semester hour
Extension Fee for Incomplete Course (nonrefundable)	$100 per occurrence
Graduation Fee (due with application for graduation) (nonrefundable)	$100 per occurrence
Graduation Fee Lamoni Campus students (includes a copy of Acacia)	$165
Graduate Tuition Reduction (tuition reduction for Graceland graduates)	15% per course
ID Card Replacement Fee (nonrefundable)	$15 per occurrence
International Travel SOS Emergency Assistance Fee (nonrefundable) (Travel outside the U.S., including students in independent studies or internships, unless already a component of an existing charge.)	$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

Fee	Amount
Payment Plan Processing Fees (nonrefundable)	$50 for plans > 2 months
Proficiency Examination Fee (nonrefundable)	$100 per credit hour
Online Access for Proficiency Exam (nonrefundable)	$110 per online exam
Program Re-Sequencing Fee (applicable as determined by program) (nonrefundable)	$100 per occurrence
Reactivation Fee (Missouri program students have a three business day right of rescission.) (Applied if students have had a major semester elapse since their last enrollment.) (nonrefundable)	$50 per occurrence
CEU Credit Recording Fee for Seminars and Workshops (may have additional costs)	$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

Fee	Amount
Returned Check Service Charge (nonrefundable)	$30 per check
Student Health Insurance for International Students - Fall Semester (nonrefundable)	TBD Fall
Student Health Insurance for International Students - Spring Semester (nonrefundable)	TBD Spring
Official Transcript Fee (nonrefundable)	$12 per transcript
Unofficial Transcript Fee (nonrefundable)	Available free online through My Graceland (https://my.graceland.edu/)
Transcript Faxing Fee	$3 per transcript
Transcript Overnight Mailing Fee	$50 per occurrence
University Technology Fee: Lamoni or Independence full-time, on campus students (hours 10 or more) (nonrefundable)	$175 per session
University Technology Fee: Lamoni or Independence part-time, on campus students (under 10 hours) (nonrefundable)	$10 per credit hour
University Technology Fee: All other students except ACE	$4 per credit hour

and SkillPath (nonrefundable)	
Fee	Amount
Visiting Student Fee (Missouri program students have a three business day right of rescission) (nonrefundable)	$50 per course
Wiring Fee - Domestic Wires	$10 per transaction
Wiring Fee - International Wires	$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
Total (Full-Time Tuition, Standard Two-Person Room, Full Meal Plan, University Technology Fee and Student Activity Fee)	$42,070	$21,035
Full-Time Tuition (semester hours 10-18) (calculates to $1,042.00 per s.h.)	$31,250	$15,625
Part-Time Tuition (semester hours less than 10 or over 18)	$965 per semester hour	

ACE Program

Tuition		
In-School Option (High school supplies instructor & book)	$30.00	semester hour

Center for Graduate and Continuing Studies

(General Education courses offered in other formats are assessed tuition rates according to their program. Traditional campus program students may include these hours as part of their 10-18 hours full-time rate.)

General Education Course tuition and fees

FEE	COST	TERM
Tuition - Online and Classroom Courses	$475.00	Semester Hour
Program Support Fee (online courses)	$18.00	Per Course

Undergraduate Business Program

FEE	COST	TERM
Tuition - Online (courses for major, electives and general education)	$375.00	Semester Hour
Program Support Fee (online courses)	$18.00	Per Course
Program Re-sequencing Fee (as determined by program)	$100.00	Per Occurrence

Late Registration Fee	$100.00	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	$380.00 per semester hour
Background Check	35.00 one-time
Education Technology Fee - EDUC2420 (nonrefundable)	110.00 year one
iPad Initiative Fee (nonrefundable)	600.00 as needed
Program Support Fee (online courses)	18.00 per course
Student Teaching Fee (Additional costs may result when student teaching outside a 40 mile radius of either the Lamoni or Independence Campus)	150.00 per occurrence

School of Nursing Undergraduate Tuition and Fees BSN-RN

Fee	Cost
Tuition	$670 per semester 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)	$1500 per semester
Deposit (due 30 days after acceptance - nonrefundable)	$200
Late Registration Fee	$100 per occurrence
Reactivation Fee	$550 per occurrence

Distance Learning RN-BSN Program Undergraduate Tuition and Fees

Fee	Cost
Tuition - RN-BSN Programs	**$475.00 per semester hour**

Fee	Cost
Clinical Resource Fee (Up-to-date database)(assessed in June)	$25.00 per year
Late Registration Fee	$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	$100 per occurrence
Research Fee - NURS3160 Intro to Evidence Based Nursing	$50 per course

Distance Learning RN-MSN Program Tuition and Fees

Undergraduate Level Courses Tuition and Fees	
FEE	**COST**
Tuition	**$475.00 per semester hour**
Clinical Resource Fee (Annually assessed in June each year)	$25.00 per year
Late Registration Fee	$100.00 per occurrence
Program Support Fee (online courses)	$18.00 per course

Recording fees (CLEP, Dantes, Excelsior exams (nonrefundable)	$20.00 per semester hour
Re-Sequencing Fee	$100.00 per occurrence
Research Fee - NURS3160 Intro to Evidence Based Nursing	$50.00 per course

Graduate Level Courses Tuition and Fees

FEE	COST
Tuition	
TUITION: Adult Gerontology Acute Care Nurse Practitioner and AGACNP Post-Master's Certificate; Family Nurse Practitioner Program and FNP Post-Master's Certificate; Psychiatric Mental Health Nurse Practitioner Program and PMHNP Post-Master's Certificate	$830.00 per semester hour
Tuition: Nurse Educator Post-Master's Certificate	$550.00 per semester hour
Clinical Resource Fee (Annually assessed in June each year)	$25.00 per year
Core Course Fee - Scholarly Project	$150.00 per course
Course Review Fee - NURS6830	$325.00 per course

Focus Session Campus Fee (FNP and PMHNP programs) (nonrefundable)	$180.00
Focus Session Campus Fee (AGACNP program) (nonrefundable)	$270.00
NURS5195 - Advanced Practice Procedures in Acute Care Lab Course Fee - (Breakout labs)	$250.00 per course
NURS5194 & NURS5196 - Advanced Practice Competencies Lab Course Fee - (Breakout labs)	$125.00 per course
Late Registration Fee	$100.00
Practicum Fee: FNP, AGACNP, PMHNP	$200.00 per semester hour
Program Support Fee (online courses)	$18.00 per course
Re-Sequencing Fee	$100.00 per occurrence
Research Fee (NURS5121, NURS5143, NURS5170, NURS6930)	$120.00 per course

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.

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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Withdrawal from the University
Refunds and Return of Financial Aid for University Withdrawals
Course Withdrawals or Changes in Enrollment Status
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://forms.graceland.edu/sfs/PayOnline.cfm)

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:

1-866-786-2792 option 2

Or e-mail Student Financial Services at myfinancials@graceland.edu (mailto:myfinancials@graceland.edu)

Fax Number: 641-784-5242

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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 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 formally notify the Retention Office of their intent to withdraw. Independence Campus students, Off-Campus Program students or Global Campus students must formally notify their Site Coordinator or Program Consultant 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

Graceland University's Refund Policy follows the Federal Return of Title IV Aid Refund Policy to determine return of financial aid and to calculate refunds for withdrawals. Calculations use the notification date to pro-rate aid as well as tuition and refundable charges 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, financial aid will not be reduced for any withdrawal, nor will any refund will be granted. This policy applies to all university withdrawals whether student initiated or administrative withdrawals.

Financial aid awarded (if any) will be returned to the federal, state and Graceland programs on a pro rata basis through the 60 percent point in the semester. Outside scholarship or non-federal loan assistance will not be returned unless specifically requested by the provider.

Eligible charges due or paid will be refunded on a pro rata basis through the 60 percent point in the semester. Some fees are non-refundable and therefore not pro-rated. 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. Board charges will be pro-rated. Refunds are processed within 45 days of withdrawal. Students should note that withdrawal 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.

Contact your Program Consultant, Site Coordinator 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. Exceptions to the pro rata schedule for course withdrawal are:

1. For programs assessing hourly tuition rates, withdrawals from courses only one sub-session in length will calculate refunds through the 60 percent point in the sub-session using the notification date and the date range of the sub-session.
2. For programs assessing full-time tuition rates, course withdrawals through the 13 percent point of the semester reducing enrollment from full-time to part-time will result in a refund of the full-time tuition charge and a reassessment of tuition at the part-time hourly rate. Full-time students withdrawing from courses in these programs after the 13 percent point do not qualify for refunds.

Contact Student Financial Services with specific questions.

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Return of Institutional Deposit

Failure to initiate the withdrawal process or complete the checkout process (if applicable) may result in the forfeiture of the institutional deposit. Following withdrawal from the university, return of the institutional deposit balance, net of any outstanding charges, will be mailed to the student's home address as soon as processing can be completed following the end of the semester or term.

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Lamoni Campus All Tuition and Fees

Tuition and Fees

Direct Costs

Expense	Annual Cost	Semester Cost
Tuition	$31,250	$15,625
Room (based on a two-person room)	$3,900	$1,950
Board	$6,200	$3,100
Activity Fee	$370	$185
University Technology Fee	$350	$175
TOTAL DIRECT COSTS	**$42,070**	**$21,035**

Tuition

Fee	Annual Cost	Semester Cost
Total (Full-Time Tuition, Standard Two-Person Room, Full Meal Plan, University Technology Fee and Student Activity Fee)	$42,070	$21,035
Full-Time Tuition (semester hours 10-18) (calculates to $1,042.00 per s.h.)	$31,250	$15,625

Fee	Annual Cost	Semester Cost
Part-Time Tuition (semester hours less than 10 or over 18)	$965 per semester hour	

Room (nonrefundable after the first week of school)

Fee (per student)	Annual Cost	Semester Cost
Standard Two-Person Room	$3,900	$1,950
Semi-Private Room	$4,440	$2,220
Private Room	$4,950	$2,475
Small and Thomas Apartments Rental Deposit (unfurnished)	$450	
Small and Thomas Apartments Rental:		
Two students	$5,550	$2,775
Three students	$5,140	$2,570

Board

Plan	Annual Cost	Semester Cost
Full Meal Plan (available to all students)	$6,200	$3,100
Five-Meal Plan (available to students in apartments and off campus)	$3,130	$1,565
21 Plus Meal Plan	$6,360	$3,180
75 Meals (available to students off campus only)	$3,130	$1,565

Student Fees

Item	Annual Cost	Semester Cost
Student Activity Fee (students in 10 or more hours) - Each semester, $50 of this fee is used to provide $50 in dining program G Bucks and is therefore non-refundable	$370	$185
University Technology Fee (full-time students) - part-time students are charged $7 per credit hour	$350	$175

Other Fees

Item	Fee

Item	Fee
Athletic Participation Fee (nonrefundable) - Assessed in fall to all students with athletic scholarships	$100 per year $50 for spring only students
Background Check - Education majors	$35 one time
Course and Lab Fees:	
Business/Marketing Course Fee: SPMT3300 Sport Marketing	$10 per course
English Course Fee: ENGL3530 Digital Filmmaking	$135 per course
Health and Movement Science Course Fee:	
ATHT3100 Prevention and Care	$40 per course
ATHT4730, ATHT4901, HLTH1100, PHED2250, PHED2720, RECR1100	$35 per course
PHED0610 Life Guard Training	$70 per course
PHED0360 Scuba Diving	$150 per course
PHED4720 Practicum III	$250 per course

Item	Fee
Keyboard/Piano Class Lab Fee:	
MUSC1710 & MUSC1720 Keyboard Skills I & II	$40 per course
MUSC1740 Piano Class	$40 per course
MUSC2120 Piano Class for Proficiency	$40 per course
Music Course Fee: MUSC1120	$55 per course
Music Lesson Course Fee:	
One semester hour	$380
Two semester hours	$500
Three semester hours	$530
Four semester hours	$575
Music Senior Recital Fee: MUSC4700	$55 per semester
Science Laboratory Course Fee:	
BIOL1520, 2300, 3400, 3420, 3440	$50 per course

Item	Fee
BIOL2430, 2440	$25 per course
BIOL2100, 2360	$70 per course
BIOL/CHEM4120, 4130	$75 per course
BIOL3310, 4450 / CHEM1431, 1441	$60 per course
BIOL/CHEM4310, BIOL3310	$90 per course
CHEM3300, 3411, 3421, 3610, 3620, 4330	$30 per course
Studio Art Course Fee	$10 per course
Theatre Course Fee	$45 per course
Deposit (to be paid prior to enrollment)	$200 one time
Education Technology Fee (nonrefundable) - Education majors	$110 per year
G Bucks Dining Program (nonrefundable) - $50 of the $185 Student Activity Fee	$50 per semester

Item	Fee
iPad Initiative Fee (nonrefundable) - Education majors	$600 one time
Music Instrument Rental Fee	$30 per semester
Program Support Fee (online courses)	$18 per course
Retired Citizen Administration Fee (tuition waived for one course per semester)	$50 per semester
Student Teaching Fee (Additional costs may result if student is teaching outside a 90-mile radius of either the Lamoni or Independence campus) Elementary Education majors - State of Iowa requires PRAXIS testing. Charges for this are paid directly to the testing service.	$185
Study Abroad Enrollment Fee (nonrefundable)	
Fall or spring semester	$500
Summer session	$300
Internship only / individual study (any session FA/SP/SU)	$150
Vehicle Registration Fee (nonrefundable) - whether residing on or off campus	$50 per year

Lamoni Campus – Summer Session

Item	Fee
Tuition	$345 per semester hour
Room - Small and Thomas Apartments: (see Housing Contract for dates)	
Two-person occupancy	$1,670 per student
Three-person occupancy	$1,540 per student
Summer storage (current students only)	$200 per student

Lamoni Campus – Discounts

Honors Program Tuition Waiver: 100% waiver over 18 hours
Tuition waiver for hours over 18, for students officially admitted to the Honors Program with a cap of 21 hours. Hours over 21 will not be waived.

Music Lesson Tuition Waiver: 100% waiver over 18 hours
Applicable to music majors, minors and Lamoni Campus full-time students for hours over 18 due to Music Lesson Course enrollment.

Retired Citizen Tuition Waiver: 100% waiver (students 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/).

Faculty and Administration

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Board of Trustees

Michael R. Wiley, PhD, Chair (2023), Blue Springs, MO

Sue Bevington, Vice-Chair (2023), Kirkland, WA

David J. Brown, MBA, Treasurer (2023), Lake Winnebago, MO

Samuel G. (Sam) Smalldon, MBA, Secretary (2025), Calgary, Alberta, Canada

Joe Booz, JD, (2024), Scottsdale, AZ

Holly Caskey, (2023), Maplewood, MN

Stassi D. Cramm, PhD, (2023), Independence, MO

Emily Hughes, JD, (2025), Iowa City, IA

Aleksander (Aleks) Memca, (2024), San Diego, CA

Randall E. Pratt, JD, (2025), Lees Summit, MO

Dennis Shields, JD, (2023), Baton Rouge, LA

Julia Snethen, PhD, (2023), Kenosha, WI

Ryan Watson, (2024), Overland Park, KS

Toyia K. Younger, PhD, (2025), Ames, IA

(Terms expire at midnight the day before the summer meeting of the year indicated.)

Executive Council

Patricia H. Draves, PhD, President

Shane Adams, BA,Chief Marketing Officer

Talia Brown, MEd, Chief Information Officer

Kristi Hettrick, BA, Vice President for Institutional Advancement

Beth Higdon, MA,Executive Director Planning and Effectiveness

David Schaal, EdD, Vice President for Student Life and Dean of Students

Jodi L. Seymour, Executive Assistant to the President and Assistant Secretary to the Board of Trustees

Joel D. Shrock, PhD, Vice President for Academic Affairs and Dean of Faculty

David L. Siddall, JD, LLM, Vice President for Business and Finance

Deborah Skinner, MSEd,Vice President for Enrollment and Strategic Growth

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Office of the President

Patricia H. Draves, PhD, President

Jodi L. Seymour, Executive Assistant to the President and Assistant Secretary to the Board of Trustees

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Academic Affairs

Joel D. Shrock, PhD, Vice President for Academic Affairs and Dean of Faculty

Jen Abraham-White, MS, Sustainability Coordinator

Sara Blessing, DMA, Chair, Department of Visual and Performing Arts

Kevin Brunner, PhD, Director, Ackerley Computer Science and Technology Scholars Program

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

Jeffrey Draves, PhD, Director, Master of Science in Data Science and Analytics Program

Mark Gardner, PhD, Chair, Department of Humanities, Coordinator of Communications Skills

Steven Glazer, PhD, Chair, Department of Social Sciences

Zac Harmon-McLaughlin, DMin, Dean, Community of Christ Seminary

Elise Hector, PhD, Assistant Dean, School of Nursing

Donna Hurt, MSW, Director, TRIO Student Support Services

Nancy King, PhD, Director, Life and Leadership Program

Jolene Lynn, PhD, Dean, School of Nursing

Melanie Mason, DAT, Chair, Department of Health and Movement Science

Jeffery McElroy, EdD, Chair, C.H. Sandage School of Business

Peggy Mothershead, BA, Registrar

Leigh Murray, PhD, Director, Doctor of Physical Therapy Program

Julie Neas, MEd, Director, TRIO Talent Search

Mary Shawgo, PhD, Chair, Department of Natural and Physical Sciences

Jason Smith, PhD, Chair, Department of Math, Computer Science, and Data Science

Jacob Starks, MA, Director, University Libraries

Brian J. White, PhD, Director, Honors Program

Pam Worlund, BA, Administrative Assistant to the Vice President for Academic Affairs and Dean of Faculty

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Athletics

Brady McKillip, MS, Athletic Director

Mari Chandler, Athletic Operations and Spirit Squad Director

Erin Lundy, MS, Head Athletic Trainer

Stewart L. McDole, ReD, Associate Athletic Director and Head Women's Volleyball Coach

Zachary R. Mullins, MA, Associate Athletic Director and Head Wrestling Coach

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Business Services

David L. Siddall, JD, LLM, Vice President for Business and Finance

Sherri Brenizer, BS, Director of Accounting Services

Paul Binnicker, MBA, Director, Center for Graduate and Continuing Studies

Talia Brown, MEd, Chief Information Officer

Ondrea Greene, BA, Director of Human Resources

Susan Reed Illg, Associate Treasurer

Janice K. Tiffany, JD, Executive Director of Business Services

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Enrollment

Deb Skinner, MSEd, Vice President for Enrollment & Strategic Growth

Barbie Bell, BA, Director of Graduate and Adult Admissions

Twong Wells, BS, Director of Undergraduate Admissions

Reta George, Director of Student Financial Services

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Institutional Advancement

Kristi Hettrick, BA, Vice President for Institutional Advancement

Paula Anderson, MBA, Senior Director for Advancement Services

Colby Connely, MEd, Director of Annual Fund and Alumni Programs

Lisa Gilbert, BA, Donor Engagement Coordinator

Rick Isham, MBA, Senior Director for Major Gifts

Ginelle Sakima Roberts, DDS MS, Alumni Advancement Officer

Angela Slosarski, BS, Executive Assistant to the Vice President for Institutional Advancement

Joe Worlund, MA, Senior Director of Development

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Institutional Effectiveness & Research

Beth Higdon, MA, Executive Director for Planning and Effectiveness

Stephanie Shields, AA, Institutional Research and Reporting Coordinator

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Student Life

David D. Schaal, EdD, Vice President for Student Life and Dean of Students

Marcia Core, Administrative Assistant to Vice President

Morgan Bradford, PhD, Director of Residence Life

Hodan Farah, MA, MS, Personal Counselor

Mindy Graham, MS LOD, Director of Student Activities and Conferences and Events

Mike Hoffman, MAR, Campus Ministries Director

Nancy Hoffman, Disability Services Coordinator

Patricia A. Hoffman, Student Support Specialist

Diana J. Jones, BA, DSO, Director of Intercultural Office

Donovan Morgan, GSG President

Roger Powell, PhD, Director of Tutoring and Writing Center

Mary Pat Tiernan, General Manager, Sodexo Food Services

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Administrators/Professionals with Faculty Status 2022-23

Year in parentheses designates date of appointment.

Patricia H. Draves (2017), President
BA, Mount Holyoke College; PhD, University of Illinois

Zac Harmon-McLaughlin (2019), Dean of the Community of Christ Seminary
BA, MAR, Graceland University; DMin, San Francisco Theological Seminary

Jolene Lynn (2017), Dean, School of Nursing
BSN, Pittsburg State University; MA, Webster University; MSN, University of Missouri-Kansas City; PhD, University of Missouri-St Louis

Peggy Mothershead (2019), Registrar
BA, Graceland University

Joel D. Shrock (2022), Dean of Faculty
BS, MA, Ball State University; PhD, Miami University

Jacob Starks (2021), Director, University Libraries
BA, New College of Florida; MA, University of South Florida

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Full-time Faculty 2022-23

Year in parentheses designates date of appointment.

Ifelayo Adefuye (2021), Assistant Professor of Biology
BS, King's College London; MS, Medway School of Pharmacy; PhD, Rutgers-The State University of New Jersey

Steven L. Anders (1978), Professor of Economics
BA, Graceland University; MA, PhD, Kansas State University

Stephanie Anderson, (Start Date 04-18-22) Assistant Clinical Professor and Director of Clinical Education for the Doctor of Physical Therapy Program DPT, University of Illinois at Chicago; BA, Greenville College

Sara Blessing (2014), Assistant Professor of Music
BA, Luther College; MM, Oklahoma State University

Christopher Brandt (2019), Assistant Professor of Music and Symphonic Band
BA, University of Jamestown; MA, Sam Houston State University; DMA, University of Nebraska-Lincoln

Kevin Brunner (1998), Professor of Information Technology
BS, Graceland College; MS, PhD, Nova Southeastern University

Samantha Byrnes (2019), Instructor of Nursing
BSN, University of Missouri

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

Gustavo Costa (2021), Visiting Assistant Professor of Spanish
BA, University Center of Itajuba, Brazil; MA, Stephen F. Austin State University; PhD, Texas Tech University

Robert Davidson (2021), MSNHP Director, Associate Professor of Nutrition and Human Performance
BS, MS, Utah State University; PhD, University of Wisconsin-Madison

Michele Dickey-Kotz (2000), Professor of Education
BA, MA, University of Northern Iowa; EdD, University of Missouri-Columbia

Jeffrey Draves (2017), Professor of Chemistry
BA, Monmouth College; PhD, University of Illinois

Allison Dudley (2009), Associate Professor of Education
BSE, MA, Truman State University; EdD, University of Missouri-Columbia

Eric Elliott (2021), Visiting Instructor of History
BA, Graceland University; MA, Southeast Missouri State University

Jack Ergo (2001), Associate Professor of Music
BM, MM, Peabody Institute of Johns Hopkins University

Ioseb (Soso) Gabelaia (2022), Assistant Professor of Business
BA, International Black Sea University; BA, MEd, Graceland University; PhD, International Black Sea University; EdD, Drake University

Mark Gardner (2021), Visiting (2-year) Assistant Professor of Communication
BA, Graceland University; MA, Kennesaw University; PhD, Duquesne University

James Geiselman (2017), Assistant 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

Steven A. Glazer (1996), Professor of History
BA, Union College; MA, PhD, Georgetown University

Elise Hector (2018), Assistant Professor of Nursing
BSN, MSN, Missouri Western State University

Jacques Hendieh (2022), Assistant Professor of Accounting
BS, Institut Pedagogique National de l'Enseignement Technique (Dekwaneh, Liban); MS, University of Bergundy (Dijon, France); PhD, Grenoble School of Management (Grenoble, France)

Jamie Holloway (2022), Clinical Assistant Professor and Director of Student Affairs for the Doctor of Physical Therapy Program
BS, Florida State University; DPT, Duke University; PhD, University of Alabama at Birmingham

Meghan Hurley Powell (2021), Visiting Assistant Professor of English
BA, MA, University of North Dakota; PhD, University of Pennsylvania

Shawnna Jackson (2018), Assistant Professor of Nursing
BSN, Graceland University; MSN, University of Missouri

Keith Jenkins, (2022) Assistant Professor of Nursing
DNP, Aspen University; PMHNP, University of Southern Indiana; FNP, Maryville University of Saint Louis; MS, Walden University; AS, Roane State Community College

Darrell Johnston (2022), Visiting Assistant Professor of Theatre (non-tenure track)
BA, Graceland University; MFA, University of South Carolina

Sehwan Kim (2022), Assistant Professor of Sport Management
BA, Kyung-Sung University; M.Ed., University of Georgia; PhD, University of Georgia (expected Dec 22)

Nancy King (2022), Associate Professor of Psychology
BS, Central Missouri State University; MS, University of Kansas; PhD, University of Kansas

Sharon Little-Stoetzel (2012), School of Nursing
BS, Truman State University; MSN, University of Missouri-Columbia; PhD, University of Phoenix

Kimberly Manuel (2018), Assistant Professor of Theatre and Scene Design
BA, Graceland University; MFA, California Institute of the Arts

Melanie Mason (2020), Visiting Assistant 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), Associate Professor of Business Administration
BA, Graceland University, MBA, Drake University; EdD, Drake University

Breann McMannamy (2022), Assistant Professor of Mathematics (non-tenure track)
BS, Saginaw Valley State University; MA, Central Michigan University

Sean McMannamy (2022), Assistant Professor of Data Science
BA, University of North Carolina at Asheville; MS, North Carolina A&T State University; PhD, Central Michigan University

Leigh Murray (2021), DPT Director, Clinical Professor of Physical Therapy
BS, Methodist University; BS, Winston-Salem State University; MA, PhD, Kent State University

Patricia Nelson (2022), Clinical Professor and Director of Curriculum for the Doctor of Physical Therapy Program
BS, University of Minnesota; ScD, Texas Tech University

Nicole Ortiz (2022), Assistant Professor of Health and Physical Education (non-tenure track)
BA, Graceland University; MEd, Western Governors University

Kyung Eun Park (2018), Assistant Professor of Computer Science and Information Technology
BA, MS, Seoul National University; DSc, Towson University

Frankie Porter (2021), Visiting Instructor of Allied Health
BS, MAT, Drake University

Emily Potts (2022), Visiting Artist/Instructor and Gallery Coordinator (one-year)
BFA, Texas State University; MFA, University of North Texas

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

Daniel V. Pratt (1999), Professor of Chemistry
BS, Graceland College; PhD, University of Washington

Allison Roberts (2020), Clinical Assistant Professor of Nursing
BSN, Missouri State University; MSN, Duke University

Matt Schneider (2022), Visiting Assistant Professor of Criminal Justice (non-tenure track)
BS, Lindenwood University; MS, Lindenwood University

Dana Seymour (2022), Visiting Assistant Professor of Education (non-tenure track)
BS, Northwest Missouri State University; MEd, Northwest Missouri State University

Mary Shawgo (2011), Associate Professor of Biology
BS, Northern Michigan University; PhD, Kansas University Medical Center

Jeri A. Sindt (2009), Associate Professor of Nursing
BSN, Graceland University; MSN, Research College of Nursing-Kansas City

Jason Smith (2012), Associate Professor of Mathematics
BA, University of Minnesota; MS, University of North Dakota; PhD, Iowa State University

Arvie Vitente (2022), Clinical Associate Professor and Director of Admissions for the Doctor of Physical Therapy Program
BSPT, Angeles University Foundation; MPH, Angeles University Foundation; DPT, Dominican College of Blauvelt; PhD, Angeles University Foundation

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 (expected Dec 22)

Diane Weinreich (2018), Assistant Clinical Professor of Nursing
BSN, Central Missouri State University; MSN, Graceland University

Brian J. White (2004), Professor of English
BA, Graceland University; MS, Utah State University; PhD, University of North Dakota

Jeana Wilcox (2021), Clinical Associate Professor-Psychiatric Mental Health Nurse Practitioner
BA, University of Missouri; BSN, University of Central Missouri, MSN, PhD, University of Kansas

John Wood (2016), Assistant Professor of Nursing
BSN, University of Nebraska Medical Center of Nursing-Lincoln Campus; MSN, Research College of Nursing

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Part-time Faculty 2022-23

Year in parentheses designates date of appointment.

Jen Abraham-White (2010), Adjunct Faculty, Biology
BS, Graceland University; MS, Utah State University

George Ackerman (2015), Faculty Associate, Business Administration
BA, Florida Atlantic University; MS, Nova Southeastern University; PhD, Capella University

April Agate (2020), Adjunct Faculty, Education
BA, Benedictine College; MEd, William Woods University

Ravil Atlas (2018), Adjunct Faculty, Music
BM, University of Kansas; MM, University of Nebraska-Lincoln; DMA, University of Iowa

Brett Beasley (2018), Adjunct Faculty, Music
BFA, University of Florida; MFA, East Carolina University

Paul Beck (2018), Adjunct Faculty, Economics
BA, DePauw University; MA, University of Missouri-Kansas City; PhD, University of Missouri-Columbia

Debra Bell (2005), Faculty Associate, Health Care Management
BS(N), University of Wisconsin; MSN, University of Phoenix

Paul A. Binnicker (2002), Adjunct Faculty, Business Administration
BA, Graceland University; MBA, Baylor University

Kristeen Black (2020), Adjunct Faculty, Religion
BA, University of Montana; MA, PhD, Drew University Theological School

Bradley H. Brewster (2020), Adjunct Faculty, Criminal Justice
BFA, University of Central Missouri; MA, University of Central Missouri; PhD, University of Wisconsin-Madison

Barb Brown (2020), Adjunct Faculty, Accounting
BS, Northwest Missouri State University; MBA, Bellevue University; EdD, Argosy University

Laurie Browne (2014), Faculty Associate, Psychology
BS, Towson University; MA, American School of Professional Psychology at Argosy University

Mark Budach (2017), ACE Instructor, Business Administration
BA, University of Northern Iowa; MEd, Viterbo University

Marietta J. Chandler (2020), Adjunct Faculty, Physical Education

Steven Charlson (2017), Adjunct Faculty, Music
BA, University of Northern Iowa

Taylorann Clark (2020), Adjunct Faculty, Agricultural Business
BS, MS, Iowa State University

Garnet Coulthard (2007), Adjunct Faculty, Accounting
BA, Graceland College; MAC, Golden Gate University

Bryan Courtney (1998), Adjunct Faculty, Physical Education
BA, Graceland College

Stephen Cunningham (2018), Adjunct Faculty, Music
BM, University of North Texas; MM, Oklahoma State University; DMA, University of Minnesota

Brendan Curtinrich (2020), Adjunct Faculty, English
BA, Hiram College; MFA, Iowa State University

Kebba Darboe (2020), Adjunct Faculty, Political Science
BA, University of Minnesota; MA, Mankato State University; MA, California State University; PhD, South Dakota State University

Kimberley Donarski (2020), Adjunct Faculty, Accounting
BA, Graceland University; CPA

Jared A. Doty (2009), Adjunct Faculty, Business Administration
BA, Graceland University; MBA, Southeast Missouri State

Gregory M. Edwards (2003), Adjunct Faculty, Humanities
BA, University of Missouri – Kansas City; MA, Baker University

Montel O'Neal Evans (2020), Adjunct Faculty, Education
BA, University of Missouri; BA, Graceland University; MEd, University of Central Missouri

Tamela Sue Everett (2020), Adjunct Faculty, Education
BS, University of Missouri-St. Louis; MS, National Louis University; PhD, University of Iowa

Gregory C. Foreman (2014), Adjunct Faculty, Education
BA, Evangel College; MA, Webster University

Douglas Foster (1978), Adjunct Faculty, History
BA, Graceland College; MPhil, University of Kansas

Jean Gordon (2007), Faculty Associate, Health Care Management
BSN, University of Miami; MS/HRM, DBA, Nova Southeastern University

Nancy Halferty (1997), Adjunct Faculty, Education
BA, University of Missouri-Kansas City; MA, Northeast Missouri State University; EdD, Nova Southeastern University

Colleen Halupa (2006), Faculty Associate, Health Care Management
BS, Southern Illinois University; MS, Central Michigan University; EdD, University of West Florida

Debra Hayes (2012), Faculty Associate, Business Administration
BS, Truman State University; MBA, Rockhurst

Carolyn Heflin (2018), Faculty Associate, Nursing
BSN, MSN, University of Phoenix

Gary L. Heisserer (2020), Adjunct Faculty, Theatre
BA, St. John's University; MS, Boise State University; PhD, University of Wisconsin-Madison

Lisa Hesser (2018), Faculty Associate, Nursing
BSN, LaSalle University; MSN, Drexel University

Megan Hines (2018), Adjunct Faculty, Art
BA, Graceland University; MA, Boston University

Cory Hoff (2016), Adjunct Faculty, Physical Education
BS, Arizona State University; MA, Concordia University

Michael A. Hoffman (2015), Adjunct Faculty, Religion, Student Life Leadership
BS, Missouri Western State University; MAR, Graceland University

Kristin Hood (2014), Adjunct Faculty, Education
BA, University of Missouri-Kansas City; MA, Webster University

Claudia D. Horton (1994), Faculty Associate
BSN, Graceland College; MSN, University of Missouri; PhD, University of Missouri-Kansas City

Frank Howell (2016), Adjunct Faculty, Physical Education
BA, William Penn University; MA, University of Northern Iowa

Scott Huddleston (2010), Adjunct Faculty, Education
BS, MS, EdS, University of Central Missouri; EdD, University of Missouri-Columbia

Meghan Hurley Powell (2020), Adjunct Faculty, English
BA, MA, PhD, University of North Dakota

Donna Hurt (2016), Adjunct Faculty, Human Services, Sociology
BS, Northwest Missouri State University; MS, University of Missouri-Columbia

Betty Iorg (1988), Adjunct Faculty, Biology
BS, Southwest Missouri State University; MS, University of Kansas

Sheena James (2018), Adjunct Faculty, Physical Education
BS, Purdue University

Diana J. Jones (2012), Adjunct Faculty, Intercultural Programs
BA, Graceland University

Polly Tripp Joseph (2020), Adjunct Faculty, Sociology
BA, Graceland University; MSW, University of Iowa

Jeanie Kaeberle (2015), Clinical Adjunct, Nursing
BSN, Kansas University School of Nursing; MSN, Walden University

Isa Kagan Karasiolgu (2020), Adjunct Faculty, Criminal Justice
BA, Turkish National Police Academy; MA, PhD, Columbia University

Kim Karlsrud (2020), Adjunct Faculty, Art
BFA, Otis College of Art & Design; MFA, University of Michigan

Angela Keplinger-Radloff (2013), Adjunct Faculty, Education, Health, Physical Education
BS, Iowa State University; MS, Northwest Missouri State University, MEd, Central Missouri State University

Gary Keplinger (2012), Faculty Associate, Business Administration, Science and Mathematics (Essential Education)
BS, Northwest Missouri State; MS, Iowa State University; PhD, Iowa State University

Harold Keplinger (2012), Faculty Associate, Mathematics
BS, Northwest Missouri State University; MS, PhD, Iowa State University

Lisa Kolb (2019), Adjunct Faculty, Business Administration
BA, Rhode Island College; JD, Roger Williams University

Shelly Rae Leialoha-Hartstack (2020), Adjunct Faculty, Education
BS, Northwest Missouri State University; MEd, Graceland University; PhD, Walden University

Sherry B. Leialoha-Waipa (2005), Adjunct Faculty, Education
BS, Bellevue University; MEd, Graceland University; PhD, Walden University

Geoffrey Lewis (2020), Adjunct Faculty, History
MA, University of Houston-Clear Lake

Richard K. Lindgren (2020), Adjunct Faculty, Business Administration
BA, University of Michigan; MA, Xavier University; MBA, University of Michigan

Erin Lundy (2010) Part-Time Faculty, Health and Movements Science
BA, Graceland University; MS, University of South Carolina

Toni Mallams (2010), Adjunct Faculty, Education
BS, MA, University of Missouri

MaryAnn Manuel (2020), Adjunct Faculty, Mathematics
BA, MEd Graceland University

James Massey (2016), Adjunct Faculty, Philosophy
MBA, Webster University; DMA, Combs College of Music

Sarah McCune (2017), Faculty Associate, Nursing
BSN, University of Kansas; MSN, Mid-America Nazarene University

Dennis Wayne McElroy (2020), Adjunct Faculty, Education
BS, MS, PhD, Iowa State University

Brady McKillip (2009), Part-Time Faculty, Physical Education, Recreation
BA, Graceland University; MS, Emporia State University

Christopher Scott McKim (2020), Adjunct Faculty, Physical Education
BA, City Grove College; MA, Siena Heights University

Jennifer Lynn McKinney (2020), Adjunct Faculty, Mathematics
BA, MEd, Graceland University

Barbara McMahill (2009), Adjunct Faculty, Education
BS, Missouri Western State College; MA, Avila University

Ursula McNamara(2002), Adjunct Faculty, Biology, Science
BS, University of Missouri – Kansas City; MS, PhD, University of Wisconsin

Dawn McPheeters (2017), Faculty Associate, Nursing
BSN, MSN, University of Missouri-Kansas City; DNP, Maryville University-St. Louis

Tessia Anne Michael (2020), Adjunct Faculty, Music
BA, Graceland University; MM, Sam Houston State University

Zachary R. Mullins (2013), Adjunct Faculty, Physical Education
BA, MA, Briar Cliff University

Andrew Scott Naylor (2020), Adjunct Faculty, Music
BA, Graceland University; MA, University of Iowa

Fenton Richard Nelsen (2020) Adjunct Faculty, Business Administration
BA, Missouri Valley College; MBA, William Woods University

Phyllis O'Daniels (1969) Adjunct Faculty, Education, Physical Education
BA, Graceland College; MS, Indiana University

Dennis Oliver (2005), ACE Instructor, Psychology
BA, Central College; MA, University of Northern Iowa

Randall Otto (2016), Adjunct Faculty, Religion
BA, Pensacola Christian College; MA, Maranatha Baptist Graduate School; MA, PhD, Westminster Theological Seminary

Ethan Patterson (2020), Adjunct Faculty, Music
BS, Missouri Western State University; MM, DMA University of Missouri-Kansas City

Keri Pinney (2018), Adjunct Faculty, Education
BS, Kansas State University; MS, Central Missouri State University

Roger L. Powell (2020), Adjunct Faculty, English
BA, Graceland University; MA, University of North Dakota; PhD, Indiana University of Pennsylvania

Stephanie Powelson (2017), Faculty Associate, Nursing
BSN, University of Tennessee Health Sciences Center; MPH, University of North Carolina; EdD, Spalding University

Michael Prucha (2018), Adjunct Faculty, Music
BM, University of Nebraska-Omaha; MM, University of Missouri-Kansas City

Joni Readout (2017), ACE Instructor, Education
BS, MEd Iowa State University

Julie Rivera (2014), Adjunct Faculty, Physical Education
BA, Graceland University; MA, University of Phoenix

Karen Roberts (2014), Adjunct Faculty,
BS, Northwest Missouri State University; MA, Webster University

Leslie Robinson (2018), Adjunct Faculty, First Year Seminar
BS, MacMurray College; MS, Cardinal Stritch University

Nathaniel Stephon Robinson (2020), Adjunct Faculty, First Year Seminar
BS, MacMurray College

Roger Allen Rose (2020), Adjunct Faculty, Psychology
BA, Graceland University; MA, Northern Arizona University; EdD, University of West Florida

Deborah Rowe (2004), ACE Instructor, Psychology
BS, University of New Hampshire; MEd, Graceland University

Javeria Salahuddin (2020), Adjunct Faculty, Business Administration
BBA, MBA, Greenwich University

David D. Schaal (2014), Adjunct Faculty, Student Life Leadership
BA, Park College; MA, Park University; EdD, Northeastern University

Suzie Scheer (2011), Adjunct Faculty, Organizational Leadership
BA, University of Northern Iowa; MBA, Keller Graduate School of Management

Ernest Shand (2020), Adjunct Faculty, First Year Experience
BA, State University of New York Polytechnic; MEd, Northern Arizona University

Deborah L. Skinner (2010), Adjunct Faculty, Student Life Leadership
BA, Graceland University

Jason Smith (2020), Adjunct Faculty, Business Administration
BA, Middle Tennessee State University; MBA, University of Arizona

Wendell Smith (2020), Adjunct Faculty, Health
BA, MEd, Graceland University; MA, Concordia University-Irvine; EdD, Maryville University

Beverly South (2016), Faculty Associate, Nursing
BSN, St. Luke's College of Nursing; MSN, Univeristy of Missouri-Kansas City

Jennifer S. Stevenson (2020), Adjunct Faculty, Education
BA, University of Missouri-Kansas City; MA, Kansas State University; MA, University of Phoenix; MA, University of Central Missouri

Thelma Sandra Sword (2020), Adjunct Faculty, Nursing
BSN, Graceland University; MSN, Drake University; EdD, University of Phoenix

Gail Jean Thatcher (2020), Adjunct Faculty, Business Administration
BA, Grand View University; MEd, Graceland University

Allison Thompson (2017), Faculty Associate, Communication
BA, University of Northern Iowa; MA, Bellevue University

Uyen Tran (2020), Adjunct Faculty, Physical Education
BA, William Penn University; MA, Central Methodist University

David J. Trewhitt (2012), Adjunct Faculty, Education
BA, Graceland University; MA, Missouri State University; ABD, University of Missouri-St. Louis

Todd Verwers (2016), Adjunct Faculty, Physical Education
BA, Graceland University

Daryn P. White (20150, Adjunct Faculty, Physical Education
Master Coach Diploma, National Soccer Coaches Association of America

Patricia White (2006), Faculty Associate, Computer Science and Information Technology
BS, Florida Southern College; MBA, Florida Metropolitan University; Ed. S, PhD, Nova Southeastern University

Jeffrey Lynn Whitehall (2020), Adjunct Faculty, Physical Education
BA, Graceland University; MEd, Prairie View A & M University

Jennifer Wickersheim (2008), Faculty Associate, Accounting, Business Administration, Health Care Administration
BA, Graceland University; MS, Central Missouri State University

Carol Widner (2008), Clinical Adjunct, Nursing
BSN, Graceland University; MSN, University of Phoenix

Kathy Wilson (2014), Adjunct Faculty, Education
BS, Graceland University; MA, Lesly University

Kevin Poul Wilson (2020), Adjunct Faculty, Social Science
MS, Avila University

Tom Woldt (2018), Adjunct Faculty, Theatre
BS, South Dakota State University; MFA, Minnesota State University; PhD, University of Nebraska-Lincoln

Constance A. Wright (2008), Adjunct Faculty, Business Administration
BS, University of Kansas; MA, Webster University

Lauren A. Wright (2020), Adjunct Faculty, Psychology
BA, Graceland University; MS, Drake University

Jeremy R. Yenger (2014), Adjunct Faculty, Social Science
BS, Drake University; MA, University of Northern Iowa; EdD, Drake University

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Faculty Emeriti

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

Alma R. Blair (1955-1994)/History
BA, MA, University of Iowa

Howard J. Booth (1969-2000)/Religion
BA, Graceland College; MA, University of Missouri-Kansas City; PhD, University of Iowa

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

Paul M. Edwards (1960-1982)/Religion
BA, Washburn University; MA, University of South Dakota; PhD, University of St. Andrews

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

Arthur L. Gardner (1973-1996)/History
BA, MA, PhD, University of Hawaii

Bruce M. Graybill (1961-1994)/Chemistry
BS, Iowa State University; PhD, Florida State University

Carolyn J. Green (2006-2017/18)/Nursing
BSN, MN, PhD, University of Kansas

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

Nicholas L. Hartwig (1965;1967-2000)/Biology
BS, MS, University of Washington; PhD, University of Iowa

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

Mary Jean Jeanae (1975-2004)/Education
BA, Graceland College; MEd, University of Missouri-Columbia; EdD, University of Northern Colorado

Robert L. Johnson (1965-1991)/Education
BS, MS, Central Missouri State University; PhD, University of Oregon

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

Richard K. Lindgren (1980-1985, 2002-2008)/Business
BBA, MBA, University of Michigan; MAT, Xavier 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

Barbara Hiles Mesle (1987-2016)/English
BA, Graceland College; MA, University of Chicago; PhD, University of Kansas

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

Bob N. Ramsey (1960; 1968-2003)/Chemistry
BS, MS, Pittsburg State University

Jan Rice (2007-2017/18)/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

Patricia K. Trachsel (1992-2012)/Nursing
BSN, Mid-America Nazarene College; MSN, University of Kansas; PhD, Walden University

Glen E. Trullinger (1971-1990)/Business Education
BA, Graceland College; MSEd, Northwest Missouri State University; EdS, Central Missouri State University

Betty L. Welch (1959-1985)/Physical Education
BS, University of Kansas; MS, University of Colorado

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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

ACCT3240 Global Issues in Accounting

ACCT3310 Tax Accounting

ACCT3360 Intermediate Accounting I

ACCT3400 Cost Accounting for Managerial Control and Strategic Planning

ACCT3460 Intermediate Accounting II

ACCT3900 Topics in Accounting

ACCT4000 Individual Study

ACCT4100 Auditing Concepts and Applications – A Risk Analysis Approach

ACCT4120 Internship in Accounting

ACCT4200 Seminar 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.

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 and either BUAD1420 or MATH1510.

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.

ACCT3240 Global Issues in Accounting - 3 s.h.

Addresses the professional challenges, the social contexts of the accounting discipline, and specific discipline based global issues. This course also introduces the impact of Artificial intelligence, Blockchain, Cloud computing and Data analytics on global accounting. Prerequisites: ACCT2310 and ACCT2320.

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

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.

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).

ACCT4200 Seminar in Accounting - 3 s.h.

An analysis of the problem of business and the functions of management in the determination of business policy in the various functional areas of the enterprise with extensive analysis of Financial Statements (Balance Sheets, Income Statements, and Cash Flow Statements). Prerequisites: ACCT3460, BUAD3320, BUAD3330, BUAD3380, and MATH1370.

Agricultural Business

Courses Offered

AGRI1200 Sustainable International Agriculture

AGRI1300 Global Innovation in Crop Production and Soil Management

AGRI2100 Agricultural Management and Markets

AGRI3100 Agricultural Finance and Resource Allocation

AGRI3700 Internship in Agricultural Business

AGRI3900 Topics in Agricultural Business

AGRI4700 Agricultural Business Practicum

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

AGRI1300 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.

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.

AGRI3700 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.

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.

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

ARTS2220 Advanced Drawing

ARTS2240 Art for Social Change

ARTS2240 Art for Social Change

ARTS2250 Painting

ARTS2330 Art History: Innovation and Politics

ARTS2600 Professional Practices

ARTS2900 Topics in Art

ARTS3000 Individual Study

ARTS3110 Art History: Activism, Empathy and Justice

ARTS3200 Printmaking

ARTS3220 Photography

ARTS3240 Eco Art & Ceramics

ARTS3260 Experimental Media and Processes

ARTS3280 Sculpture and New Genres

ARTS3300 Art for the Elementary Schools

ARTS3620 Illustration and Imaging

ARTS3630 Graphic Design 3

ARTS3640 Interactive Design

ARTS3820 Portfolio Development

ARTS3840 Interdisciplinary Studio

ARTS3900 Topics in Art

ARTS4100 Systems Development Project (also CSIT4100)

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. Additional fee required. 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 Graphics for Art & Design.

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. Goal 2A

ARTS2000 Individual Study - 1-3 s.h.

Goal 2A

ARTS2220 Advanced Drawing - 3 s.h.

This course reinforces, refines and further develops the skills of direct observation established in Drawing while exploring and analyzing conceptual strategies in dialogue with contemporary art through the use of color, thematic development and experimental approaches that push the boundaries of what we define as drawing. Additional fee required. +This course is only offered every other year.

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.

ARTS2600 Professional Practices - 3 s.h.

This course focuses on career preparation and opportunities for visual artists and designers. Focus is on equipping students with professional tools and business skills including goal setting, professional ethics, contracts, and portfolio basics including cover letters, statements, resumes and documentation of artwork. Exhibitions in galleries, museums, alternative spaces, networking and public relations, arts advocacy, applying for grants and residencies, internships, jobs and graduate school will be covered. +This course is only offered every other year.

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. Goal 2A

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

ARTS3260 Experimental Media and Processes - 3 s.h.

Exploration of experimental materials, processes and technologies to create hybrid art forms. Emphasis on innovative visual problem-solving through inquiry and research. Additional fee required. Prerequisite: ARTS1220. +This course is only offered every other year.

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 Illustration and Imaging - 3 s.h.

Exploration into image making and visual story telling with an emphasis in illustration, 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 Interactive Design - 3 s.h.
Introduction into the principles of interactivity through interface, web, and information design. Additional fee required. Prerequisite: ARTS1210, ARTS1680 and ARTS1710.

ARTS3820 Portfolio Development - 3 s.h.
An advanced study of multi-level design such as packaging and branding, to create a resume and portfolio focused on a career in visual communications graphic design. Focus on presentation skills and exhibit display appropriate for the medium (matting, layout, mounting, mock-up, etc.). Additional fee required. Prerequisite: ARTS3630. +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.

ARTS4100 Systems Development Project (also CSIT4100) - 1-3 s.h.

(Also CSIT4100) 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. Additional fee required. Prerequisite: Instructor's consent.

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. Goal 2A +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.

ATHT3100 Prevention and Care of Athletic Injuries - 3 s.h.
Techniques of injury prevention and caring for athletic injuries.

Biololgy

Courses Offered

BIOL1100 Introduction to Sustainability (also SUST1100)

BIOL1500 Biology I with Lab

BIOL1520 Biology II with Lab

BIOL2000 Individual Study (Goal 1A)

BIOL2100 Cell Biology and Genetics with Lab

BIOL2300 Anatomy and Physiology I (2-2)

BIOL2310 Anatomy and Physiology II (2-2)

BIOL2350 Introduction to Microbiology

BIOL2360 Microbiology with Lab

BIOL2400 Frontiers in Neuroscience (also PSYC2400)

BIOL2430 Animal Biology with Lab

BIOL2440 Plant Biology with Lab

BIOL2580 Drug Development and Society with Lab

BIOL2900 Special Topics

BIOL3000 Individual Study (Goal 1A)

BIOL3120 Internship in Biological Sciences

BIOL3310 Molecular Genetics with Lab

BIOL3400 Ecology and Conservation Biology with Lab

BIOL3420 Human Anatomy with Lab

BIOL3440 Human Physiology with Lab

BIOL3900 Special Topics – Goal 1A

BIOL4111 Capstone Research I (also CHEM4111)

BIOL4120 Capstone Research II (also CHEM4120)

BIOL4130 Capstone Research III (also CHEM4130)

BIOL4310 Biochemistry with Lab (also CHEM4310)

BIOL4400 Immunology

BIOL4460 Cell and Cancer Biology

BIOL4900 Special Topics

Course Descriptions

BIOL1100 Introduction to Sustainability (also SUST1100) - 3 s.h.

An introduction to the fundamentals of sustainability and its impact on biological systems. Explores how sustainability relates to population, ecosystems, global change, energy, agriculture, water, environmental economics and policy, ethics, and cultural history. Practical approaches to this course will be tied closely to small-scale agriculture and water use with hands-on fieldwork at the campus EcoPlot. Goal 1A, ELO6 Science - Sustainability

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 (Goal 1A) - 1-3 s.h.

BIOL2100 Cell Biology and Genetics with Lab - 4 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). Goal 1A

BIOL2300 Anatomy and Physiology I (2-2) - 3 s.h.
The study of structure and function of the human body on the cellular, tissue, organ, and organ-system level. All organ systems are discussed. Emphasis is on the anatomy of the musculoskeletal, cardiovascular, and digestive systems. Laboratory includes both gross and microscopic structure and function. (One year each of high school biology and chemistry or the equivalent strongly recommended.) Additional fee required. Goal 1A

BIOL2310 Anatomy and Physiology II (2-2) - 3 s.h.
The focus is on the physiology of the organ systems, specifically the endocrine and reproductive systems. Fluid-electrolyte balance, acid-base balance, and metabolism are also emphasized. Online only. Prerequisite: BIOL2300. Goal 1A

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. Goal 1A

BIOL2400 Frontiers in Neuroscience (also PSYC2400) - 1 s.h.
This course will explore historical and recent exploration in the field of neuroscience. Specifically, research will be presented related to cellular mechanisms of action in neuroscience, the use of animals in neuroscience, disease states related to neuroscience, drug discovery in neuroscience, and psychological medications in neuroscience.

BIOL2430 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. Additional fee required. Prerequisite: BIOL1500, BIOL1520 or instructor's consent. +This course is only offered every other year.

BIOL2440 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. Additional fee required. Prerequisite: BIOL1500, BIOL1520 or instructor's consent. +This course is only offered every other year.

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, GE3D Liberal Learning-Natural Sciences.

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. Goal 1A

BIOL3000 Individual Study (Goal 1A) - 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. Goal 1A

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. Includes a lab. 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.

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.

BIOL3900 Special Topics – Goal 1A - 1-3 s.h.

BIOL4111 Capstone Research I (also CHEM4111) - 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 senior 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 with Lab (also CHEM4310) - 4 s.h.
An introduction to biologically important molecules and metabolic pathways and the laboratory techniques used to study and characterize them. Additional fee required. 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). Goal 1A +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.

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. Goal 1A

Business Administration

Courses Offered

BUAD1100 Introduction to Business

BUAD1400 Personal Finance

BUAD1420 Math for Decision Making

BUAD2000 Individual Study

BUAD2350 Free Market Practicum

BUAD3000 Individual Study

BUAD3200 Business Ethics

BUAD3210 Social Media Marketing

BUAD3240 Marketing Analytics

BUAD3250 Entrepreneurship and Free Enterprise (also ECON3250)

BUAD3310 Principles of Sales

BUAD3320 Principles of Management

BUAD3330 Principles of Marketing

BUAD3340 Business Law

BUAD3350 Free Market Practicum

BUAD3360 Entrepreneurial Leadership

BUAD3380 Principles of Business Finance

BUAD3400 Small Business Ventures and Entrepreneurship

BUAD3450 Organizational Behavior

BUAD3460 Operations Management

BUAD3490 Human Resource Management

BUAD3600 Electronic Commerce (also CSIT3600)

BUAD3650 Business Connections

BUAD3800 Methods of Teaching Business

BUAD4000 Individual Study

BUAD4100 Investment Analysis (also ECON4100)

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

BUAD4200 Seminar in Business Policy

BUAD4210 Seminar in Social Media Marketing

BUAD4430 Marketing Strategies

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.

BUAD1420 Math for Decision Making - 3 s.h.

A beginning course in finite mathematics and calculus for students in business, economics, management, and the social and life sciences. Prerequisites: Two years of high school algebra.

BUAD2000 Individual Study - 1-3 s.h.

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.

BUAD3000 Individual Study - 1-3 s.h.

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. Goal 3E

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. Prerequisite: BUAD3330 Principles of Marketing or ARTS1680 Computer Graphics for Art & Design or COMM1250 Introduction to Communication Theory.

BUAD3240 Marketing 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.

BUAD3250 Entrepreneurship and Free Enterprise (also ECON3250) - 3 s.h.

To study and hear from the cast of entrepreneurs who have been, or are involved, in the drama of U.S. business. To help each student evaluate their own spirit and personality to see if they have entrepreneurial skills and talents. Prerequisite: ECON1320. +This course is only offered every other year.

BUAD3310 Principles of Sales - 3 s.h.

Principles of Sales is designed to expose students to the many functions of modern sales and sales management including topics such as the selling process, the buying process, creating value in buyer-seller relationships, prospecting, sales call planning, communicating the message, negotiating for win-win solutions, promoting trust, closing the sale, as well as how to motivate, compensate and train sales people.

BUAD3320 Principles of Management - 3 s.h.

Fundamentals of planning, organizing, directing, coordinating, and controlling business activity. Prerequisites: Junior standing. Goal 6

BUAD3330 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 and junior standing.

BUAD3340 Business Law - 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.

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.

BUAD3380 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: ACCT2320, ECON1320, MATH1360 and junior standing.

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.

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.

BUAD3460 Operations 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.

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.

BUAD3600 Electronic Commerce (also CSIT3600) - 3 s.h.

Exploration of the technologies and business environment surrounding the emergence of electronic commerce. There will be both a technical and non-technical track option for students, however, all students will be introduced to technical skills for implementing an electronic commerce website. Offered Spring even years. +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.

BUAD4100 Investment Analysis (also ECON4100) - 3 s.h.
A study of the fundamental principles underlying the analysis of investments. Prerequisites: ACCT2320, BUAD3380, and ECON1320. +This course is only offered every other year.

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.

BUAD4200 Seminar in Business Policy - 3 s.h.
An analysis of the problem of business and the functions of management in the determination of business policy in the various functional areas of the enterprise. Prerequisites: BUAD3320, BUAD3330, BUAD3380, and MATH1360.

BUAD4210 Seminar in Social Media Marketing - 3 s.h.
A comprehensive overview, with hands-on experience, of Social Media Marketing. There will be an emphasis on strategic use of online tools, effective design, and contemporary marketing techniques, combined with practical application. Students will build and maintain real world marketing campaigns. Restricted to Social Media Marketing Majors. Additional fee required.

BUAD4430 Marketing Strategies - 3 s.h.
A focus on the development of decision-making skills in marketing. Concepts and tools are applied to frame and solve real-world problems facing marketing managers engaged in developing optimal marketing strategies. Prerequisite: BUAD3330.

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

BIOL1200 Environmental Science with Lab (also CHEM1200)

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 (Goal 1A)

CHEM3000 Individual Study (Goal 1A)

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 (Goal 1A)

CHEM4111 Capstone Research I (also BIOL4111)

CHEM4120 Capstone Research II (also BIOL4120)

CHEM4130 Capstone Research III (also BIOL4130)

CHEM4310 Biochemistry with Lab (also BIOL4310)

CHEM4330 Instrumental Analysis (3-3)

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

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: MATH1280 and CHEM1310 or one year of high school chemistry. 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 and instructor consent.

CHEM2000 Individual Study (Goal 1A) - 1-3 s.h.

CHEM3000 Individual Study (Goal 1A) - 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. Goal 1A

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: CHEM1440/1441 with a . grade of C or better is strongly recommended. Offered odd years Spring. +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: CHEM1440/1441 with a grade of C or better. is strongly recommended. Corequisite: CHEM3411 Organic Chemistry I Lab. Goal 1A

CHEM3411 Organic Chemistry I Lab (0-3) - 1 s.h.
Additional fee required. Corequisite: CHEM3410 Organic Chemistry I. Goal 1A

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. Goal 1A

CHEM3421 Organic Chemistry II Lab (0-3) - 1 s.h.
Additional fee required. Corequisite: CHEM3420 Organic Chemistry II. Goal 1A

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: CHEM1440/1441 with a grade of C or better is strongly recommended, 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. Goal 1A

CHEM4000 Individual Study (Goal 1A) - 1-3 s.h.

CHEM4111 Capstone Research I (also BIOL4111) - 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 senior 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 with Lab (also BIOL4310) - 4 s.h.
An introduction to biologically important molecules and metabolic pathways and the laboratory techniques used to study and characterize them. Additional fee required. Prerequisite: CHEM3420/3421 and BIOL2100. +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. Goal 1A. Offered even years Fall. +This course is only offered every other year.

Communications

Courses Offered

COMM1100 Foundations of Public Speaking

COMM1130 Argumentation and Debate

COMM1200 Speech Communication: An Introduction

COMM1250 Introduction to Communication Theory

COMM2000 Individual Study

COMM2100 Introduction to Organizational Communication

COMM2110 Intercultural Communication

COMM2220 Communication and Advocacy

COMM2300 Introduction to Media Technologies

COMM2500 Introduction to Mass Media

COMM2600 Interpersonal Communication

COMM3000 Individual Study

COMM3130 Advanced Argumentation and Debate

COMM3140 Rhetorical Criticism and Persuasion

COMM3200 Health Communication

COMM3210 Conflict Management and Dialogue (Also SOCI/PEAC3210)

COMM3220 Gender and Communication

COMM3230 Small Group 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

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. In order for students to complete the foundation skills sequence, they must earn a grade of C or higher in this class. Prerequisite C or better in ENGL1100. 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.

COMM1200 Speech Communication: An Introduction - 3 s.h.

Introductory course in speech communication exploring the principles of communication theory and techniques of interpersonal communication, group discussion, and public speaking. Goal 3B +This course is only offered every other year.

COMM1250 Introduction to Communication Theory - 3 s.h.

Survey of the major theories that support research and study of communication, such as interpersonal communication, organizational communication, rhetoric, media, culture, and ethics. The course gives students a foundation in communication vocabulary, basic knowledge of key theories, and an introduction to practical application of theory to human communication. Offered every Fall. ELO5 Humanities - Innovation, GE3C Liberal Learning-Humanities.

COMM2000 Individual Study - 1-3 s.h.

COMM2100 Introduction to Organizational Communication - 3 s.h.

Introduction to the basic concepts in the study of organizational communication. The course considers approaches to the practice and study of communication within organizational setting, including classical approach, human relations, human resources approaches, systems approaches, cultural approaches, and critical approaches. It also introduces specific issues within the study of organizational communication, including assimilation, decision-making, conflict, change, emotion, organizational ethics, cultural diversity, and communication technologies. +This course is only offered every other year.

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.

COMM2300 Introduction to Media Technologies - 3 s.h.
Introduction to the primary mass media forms - newspapers, books, magazines, radio, television, sound recording, movies, and the Internet - to gain an understanding of the ways they operate. Included are industries based on mass media, journalism, advertising, and public relations?as well mass media theory, law, and ethics. Emphasis on critical thinking about the mass media. +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.

COMM2600 Interpersonal Communication - 3 s.h.
A focus on the study of communication within dyads with a specific focus on friendships, romantic relationships, and family relationships. The course seeks to draw from experience, interaction, and theory to encourage a behavioral and conceptual understanding of communication within interpersonal relationships. Goal 3B. +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.

COMM3200 Health Communication - 3 s.h.

Examines theory and research relevant to health communication, including interpersonal, organizational, and mass media approaches. Topics include the role of communication in general, models of health and illness, the relationship between patients and healthcare providers, social support, and the ethics involved within the health context. +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. Goal 3B +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.

COMM3230 Small Group Communication - 3 s.h.

An examination of the communication processes within small group situations. Specifically, the class will consider theory, principles, and the practical application of small group problem-

solving and decision-making process. Students will participate in group discussion, group projects, and will develop skills in analyzing group performance. Goal 3B +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) - 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.

Computer Science and Information Technology

Courses Offered

CSIT1010 Microcomputer Business Applications

CSIT1060 Introduction to Web Programming

CSIT1080 Technology in a Changing World

CSIT1100 Principles of Computing

CSIT1200 Data Structures

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)

CSIT2240 Computer Hardware and Operating Systems

CSIT2300 Linux Operating Systems

CSIT3000 Individual Study

CSIT3100 Operating Systems and Networks

CSIT3120 Computer Networks and Network Security

CSIT3200 Systems Analysis and Design

CSIT3300 Database Concepts and SQL

CSIT3400 Programming Languages

CSIT3500 Management of Information Systems

CSIT3600 Electronic Commerce (also BUAD3600)

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 Systems Development Project (also ARTS4100)

CSIT4200 Machine Learning

CSIT4360 Numerical Analysis (also MATH4360)

CSIT4370 Mathematical Modeling (also MATH4370)

Course Descriptions

CSIT1010 Microcomputer Business Applications - 3 s.h.

A proficiency-based course to develop intermediate level skills in Microsoft's Windows® and Office Suite®. Does not count towards the CSIT major.

CSIT1060 Introduction to Web Programming - 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.

CSIT1080 Technology in a Changing World - 3 s.h.

A study of technology and its effects on the world. The world is connected by technology and how its connecting us is critical to how we live today. Knowing how to handle technology and make it work effectively will be increasingly important for the future. Exploration will include how technology impacts our world in both a positive and negative sense. The ethical use of technology will be explored. Students will understand how to solve simple programming problems. ELO4 Global Learning - Innovation

CSIT1100 Principles of Computing - 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

control structures, functions, and objects will be covered. LLO+ Global Learning - Innovation

CSIT1200 Data Structures - 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.

CSIT2240 Computer Hardware and Operating Systems - 3 s.h.

A study of the modern computer organization of computer systems at the discrete and operating system levels. Topics include the core components of hardware and operating systems such as processor organization, digital logic and circuitry, instruction processing mechanisms, process management, memory management, and virtualization. Prerequisite: CSIT1200.

CSIT2300 Linux Operating Systems - 3 s.h.

A study of various utility tools and script programming as well as system programming available in Linux systems. Students learn C programming language for system level programming and Unix/Linux shell script for system administration and maintenance. Course will require significant programming. Prerequisite: CSIT1200.

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.

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.

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. Prerequisite: CSIT1100.

CSIT3400 Programming Languages - 3 s.h.

A study of programming language concepts across a wide variety of computer languages such as scripting languages, object-oriented languages, functional languages, and web-programming languages. A survey of specific languages will be studied and programming projects in several of them will be done. Prerequisite: CSIT1200 +This course is only offered every

other year.

CSIT3500 Management of Information Systems - 3 s.h.

Study of the fundamentals of information technology and how they support and interact with business organizations. Emphasis is on building a broad, basic technology framework.

CSIT3600 Electronic Commerce (also BUAD3600) - 3 s.h.

Exploration of the technologies and business environment surrounding the emergence of electronic commerce. There will be both a technical and non-technical track option for students, however, all students will be introduced to technical skills for implementing an electronic commerce website. Offered Spring even years. +This course is only offered every other year.

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 Systems Development Project (also ARTS4100) - 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.

CSIT4200 Machine Learning - 3 s.h.

A study of regression, kernels, support vector machines, clustering, Neural networks. Prerequisites: MATH3340, MATH2520, MATH4350, CSIT1200 .(This course may be taken for graduate credit and is equivalent to DSCI5370. Students must also sign up for DSCI4371 and complete all graduate level assignments.)

CSIT4360 Numerical Analysis (also MATH4360) - 3 s.h.

Analysis of numerical methods for computers covering iterative methods for finding roots of equations, numerical integration, interpolation and differentiation, and solution of ordinary differential equations. Error analysis and convergence of algorithms. Prerequisite: MATH2510 and a computer programming course. Goal 3A +This course is only offered every other year.

CSIT4370 Mathematical Modeling (also MATH4370) - 3 s.h.

Selected topics to demonstrate the interaction of mathematical thinking with real-world problems. Prerequisites: MATH1350 and MATH1520. Goal 3A +This course is only offered every other year.

Criminal Justice

Courses Offered

CRMJ1200 Introduction to Criminal Justice

CRMJ3100 Law and the Justice System

CRMJ3340 Penology (also SOCI3340)

CRMJ3350 Community-based Corrections

CRMJ3520 Juvenile Delinquency and Juvenile Justice (also

SOCI3520)

CRMJ3900 Advanced Topics in Criminal Justice

CRMJ4100 Correctional Case Management

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

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.

CRMJ3340 Penology (also SOCI3340) - 3 s.h.

Examines various theories of social control, as well as correctional practices, reforms, and their consequences. Research on various punishment and correctional strategies will be discussed. +This course is only offered every other year.

CRMJ3350 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.

CRMJ3520 Juvenile Delinquency and Juvenile Justice (also SOCI3520) - 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

CRMJ4100 Correctional Case Management - 3 s.h.
This course examines the role and techniques of casework in corrections with emphasis on integrating casework and counseling responsibilities and procedures. The course includes examining of therapy techniques and processes in various correctional settings and studying of service delivery programs tailored to the specific needs of correctional clients. Prerequisite: CRMJ/SOCI3340 Penology or CRMJ3350 Community-based Corrections. +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.

Data Science

Courses Offered

DSCI1500 Beginning Data Science and Data Analytics

DSCI4300 Introduction to Data Science

DSCI4320 Practical Applications of Data Science

DSCI4330 Extracting and Transforming Data

Course Descriptions

DSCI1500 Beginning Data Science and Data 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

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 programing. This course accompanies the DSCI5300 course for students who have been admitted to the 4+1 program. Students in the 4+1 program must also sign up for DSCI4301 and complete all graduate level assignments.

DSCI4320 Practical Applications of Data Science - 3 s.h.
Exploratory data analysis is introduced along with fundamental considerations for data analysis on real data sets. Classical models and techniques for classification are included. Methods of data visualization are introduced. Prerequisites: CSIT4200 (This course may be taken for graduate credit and is equivalent to DSCI5320. Students must also sign up for DSCI4321 and complete all graduate level assignments.)

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. This course accompanies the DSCI5330 course for students who have been admitted to the 4+1 program. Students in the 4+1 program must also sign up for DSCI4331 and complete all graduate level assignments.

Economics

Courses Offered

ECON1300 Principles of Macroeconomics

ECON1320 Principles of Microeconomics

ECON2000 Individual Study (Goal 1C)

ECON2100 Introductory Economic Data Analysis

ECON3000 Individual Study (Goal 1C)

ECON3200 Public Finance

ECON3220 Economics of Sports

ECON3220 Economics of Sports

ECON3250 Entrepreneurship and Free Enterprise (Also BUAD3250)

ECON3280 Economic Development (also GEOG3280)

ECON3320 Money and Banking

ECON3350 Intermediate Microeconomic Theory

ECON3360 Intermediate Macroeconomic Theory

ECON3430 Managerial Economics

ECON3440 International Economics

ECON3900 Topics in Economics

ECON4000 Individual Study (Goal 1C)

ECON4100 Investment Analysis (also BUAD4100)

ECON4110 Internship in Economics

ECON4300 Research Seminar

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. Goal 1C, 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. Goal 1C, ELO5 Social Science - Sustainability

ECON2000 Individual Study (Goal 1C) - 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 (Goal 1C) - 1-3 s.h.

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. Goal 1C, 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.

ECON3250 Entrepreneurship and Free Enterprise (Also BUAD3250) - 3 s.h.

To study and hear from the cast of entrepreneurs who have been, or are involved, in the drama of U.S. business. To help each student evaluate their own spirit and personality to see if they have entrepreneurial skills and talents. Prerequisite: ECON1320. +This course is only offered every other year.

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. Goal 4, 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. Goal 1C +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. Goal 1C

ECON3360 Intermediate Macroeconomic Theory - 3

s.h.
A study of national income determination theory and stabilization policies. Prerequisite: ECON1320. Goal 1C

ECON3430 Managerial Economics - 3 s.h.
Considers the business enterprise as an economic and social institution. Particular attention is given to the theory of the firm and the application of the theory in problem-solving. Prerequisites: MATH1360 and ECON3350. +This course is only offered every other year.

ECON3440 International Economics - 3 s.h.
Theories of international trade, foreign exchange markets, resource movements and international economic policies. Prerequisite: ECON1300. Goal 1C, 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. Goal 1C

ECON4000 Individual Study (Goal 1C) - 1-3 s.h.

ECON4100 Investment Analysis (also BUAD4100) - 3 s.h.
A study of the fundamental principles underlying the analysis of investments. Prerequisites: ACCT2320, BUAD3380, and ECON1320. +This course is only offered every other year.

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. Goal 1C

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

EDUC2450 Pre-service Teacher Education Seminar

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)

EDUC3330 K-6 Reading Practicum

EDUC3340 7-12 Reading Practicum

EDUC3350 Behavior Management for Mild/Moderate Disabilities

EDUC3390 Analysis and Correction of Reading Disabilities

EDUC3400 Elementary Reading in the Content Areas

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

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

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.

EDUC2450 Pre-service Teacher Education Seminar

Acquire the requisite knowledge and skills that will promote successful utilization of common educational resources in the classroom. Prerequisite: EDUC2420. (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

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

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.)

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

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.

EDUC3400 Elementary Reading in the Content Areas - 3 s.h.

Examine text structure and the dimensions of content area vocabulary and comprehension (e.g. literal, interpretive, critical, and evaluative). Focus on content area instruction in reading and writing that effectively uses a variety of research-based strategies and practices. Integrate curricular standards with student interests, motivation, and background knowledge. 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.

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. Co-requisite: EDUC3540.

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, 3481.

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, PSYC1300.

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

class of 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.)

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

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

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.)

Education (Graduate)

see Graduate Catalog (https://www.graceland.edu/academics/academic-catalogs/graduate-catalog-home/)

English

Courses Offered

ENGL1100 Composition I: Introduction to Writing

ENGL1110 Discourse I Lab

ENGL2000 Individual Study

ENGL2110 Composition II: Research Writing and Argumentation

ENGL2270 Literature by Women

ENGL2310 British Borders: British Literature to 1800

ENGL2320 Britain, Empire, and Modernity: 19th and 20th Century British and Irish Literature

ENGL2330 Our Bondage and Our Freedom: Literatures of the Americas, 1491-1865

ENGL2340 The Stories That Made Us: American Literature, 1900 to Present

ENGL2350 American Ethnic Literature

ENGL2360 African American Literature

ENGL2370 World Literature

ENGL2410 Creative Writing: Poetry

ENGL2420 Creative Writing: Fiction

ENGL2510 Introduction to Film

ENGL2530 Film Topics

ENGL2540 Global Eco-Cinema

ENGL2600 Gender and Sexuality

ENGL2610 Whiteness and the Working Class

ENGL2900 Topics in English

ENGL2903 Topics in Literature

ENGL3000 Individual Study

ENGL3100 Discourse III (Advanced Writing and Speaking)

ENGL3110 Critical Theory

ENGL3150 Film, Theatre, and the American Dream

ENGL3240 Poetry and Social Justice

ENGL3260 American Environmental Literature

ENGL3320 Creative Writing: Nonfiction

ENGL3350 Shakespeare and Social Justice (also THTR3350)

ENGL3370 The Methods of Teaching English

ENGL3420 Structures in Modern English

ENGL3430 Major Authors

ENGL3480 Cultural Studies

ENGL3530 Digital Filmmaking

ENGL3550 Film Studies

ENGL3570 Documentary Film

ENGL3900 Topics in English

ENGL4000 Individual Study

ENGL4150 Thesis Hours I: Planning and Research

ENGL4160 Thesis Hours II: Composition and Presentation

ENGL4300 Internship in English

ENGL4400 Practicum in Information Services (also COMM4400)

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. In order for students to complete the foundation skills sequence, they must earn a grade of C or higher in this class. In order to move on to COMM1100, students must earn the grade of a "C" or higher. Corequisite for students with ACT English score of 15 and below, or an SAT English score of 480 and below: ENGL1110 unless they have taken two high school English courses, one of which must be or prominently require composition (not creative writing), with a grade of "C" or better in both. ELO1A Communication, GE1A Foundational Skills-Writing and Communication. Corequisite for students with ACT English score of 15 and below, or an SAT English score of 480 and below: ENGL1110 unless they have taken two high school English courses, one of which must be or

prominently require composition (not creative writing), with a grade of "C" or better in both. ELO1A Communication, GE1A Foundational Skills-Writing and Communication

ENGL1110 Discourse I Lab - 1 s.h.

Teaches foundational writing skills to prepare students for college-level writing. Emphasizes control of writing mechanics, organization, brainstorming, and added reflection. Also covers key academic and study skills such as time management, planning, and relevant aspects of a student's individual writing process. Must be taken concurrently with Discourse I. Required for students with ACT English scores 15 and below or SAT English scores 480 and below.

ENGL2000 Individual Study - 1-3 s.h.

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. In order for students to complete the foundational skills sequence, they must earn a grade of C or higher in this class. Prerequisite C or better in ENGL1100 and COMM1100. ELO1B Communication, GE1C Foundational Skills-Writing and Communication.

ENGL2270 Literature by Women - 3 s.h.

This interdisciplinary class offers close, careful readings of a range of literary works by women writers from the English-speaking world. These texts describe their authors' sometimes

problematic, sometimes triumphant relationships to culture and society. The material is arranged chronologically from the middle ages to the present in order to suggest a general historical overview of women's experiences in western culture. Also this structure should help readers see that there is an important female literary tradition that, for several centuries, has coexisted with, revised, and influenced male literary models. We will explore both the diversity and commonality of women's experiences, as expressed in issues like culture, race, class, sexual orientation, education, geography, and religion. Goal 2B

ENGL2310 British Borders: British Literature to 1800 - 3 s.h.

Survey of significant works originating from the British Isles through the eighteenth century, with an emphasis on poetry and

drama. Examines the fluctuating concept of "Britishness" in literature in relation to the national borders of England, Wales, Scotland, and Ireland as they were shaped throughout this period. Goal 2B, ELO5 Humanities - World Citizenship, ELO5 Humanities - Innovation.

ENGL2320 Britain, Empire, and Modernity: 19th and 20th Century British and Irish Literature - 3 s.h.

Survey of significant works by "British" and Irish writers from the beginning of the nineteenth century through the end of the twentieth century. Emphasizes literary visions of peace and conflict amidst major political and social upheavals. Goal 2B, ELO5 Humanities - Peace, ELO5 Humanities - Equality and Peace.

ENGL2330 Our Bondage and Our Freedom: Literatures of the Americas, 1491-1865 - 3 s.h.

Survey of writers from North and South America stretching from the advent of European colonization in the Western Hemisphere to the conclusion of the U.S. Civil War. The course will pay special attention to the legacies of colonialism and slavery, and the ways that literature and language, as oral storytelling and print culture, both underwrote systems of enslavement and created social movements for freedom and equality. Goal 2B, ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace

ENGL2340 The Stories That Made Us: American Literature, 1900 to Present - 3 s.h.

Survey of U.S. Literature in the 20th and 21st centuries. Special attention given to the making (and unmaking) of U.S. national mythologies, the major formal transformations that have taken place in U.S. Literature since 1900, and the function of literature as an innovative and adaptive technology that expands human capacities. Goal 2B, ELO5 Humanities - World Citizenship, ELO5 Humanities - Innovation.

ENGL2350 American Ethnic Literature - 3 s.h.

A survey of multi-ethnic U.S. literature, including 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. Goal 2B, ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace. ++ This course is on a four-year cycle.

ENGL2360 African American Literature - 3 s.h.

A survey of African American literature from the eighteenth century to the present. An array of discursive modes, including songs, folklore, speeches, poetry, fiction and drama, will be analyzed across various African-American artistic and social movements, from sorrow songs, abolitionist tracts, and the Harlem Renaissance to civil rights speeches, the Black Arts avant-

garde, and spoken word performance. As a complement to literary texts, students will also examine a range of introductory theoretical texts in the interdisciplinary field of African-American studies. Goal 2B, ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace. ++ Denotes a course 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, emphasizing literature in translation. Designed to offer students an introduction to literature as a point of access into global communities. Goal 2B, ELO5 Humanities - World Citizenship, ELO5 Humanities - Sustainability, GE3C Liberal Learning-Humanities. +This course is only offered every other year.

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. Goal 2B, ELO5 Humanities - Sustainability +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. Goal 2B, ELO5 Humanities - Sustainability. +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. Goal 2B, ELO5 Humanities - Innovation.

ENGL2530 Film Topics - 3 s.h.
An introduction to contemporary and historical film topics as they relate to film form and cultural practice. Topics will vary, but may include Politics in Cinema; Resisting Hollywood; Race, Class and Gender in Film; International Film; Representing Nature. May

be repeated for credit when topic changes. Goal 2B.

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. Goal 2B, ELO5 Humanities - Sustainability +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. Goal 2B, ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace ++ This course is on a four-year cycle.

ENGL2610 Whiteness and the Working Class - 3 s.h.
An exploration of the racial category of whiteness and its historical relationship to social class and power in the United States. Representations of the white working class in literature, music, film, and television will be analyzed alongside cultural histories of multiracial, antiracist labor movements in the United States. As a complement to cultural texts, students will also examine a range of introductory theoretical texts in the multidisciplinary fields of Critical Whiteness Studies and working class studies. Goal 2B, ELO5 Humanities - Equality, ELO5 Humanities - Equality and Peace ++ This course is on a four-year cycle.

ENGL2900 Topics in English - 3 s.h.
Special studies in English 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.

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.

ENGL3100 Discourse III (Advanced Writing and

Speaking) - 3 s.h.

Teaches students to put the knowledge and skills learned in Discourse I and II into sustained, practical use by preparing them for substantial, interdisciplinary research projects. In this course, students will explore issues of civic, public, or community concern using rhetorical analysis, engage in deliberation over those issues, and ultimately propose solutions based on well-developed arguments. Students are expected to use strategies of critical discourse analysis and production to target the appropriate audience/recipients and to develop innovative and rhetorically effective texts (written, oral, visual and/or multimedia). Prerequisites: ENGL2100 or HONR2010 and Junior standing. Goal 3D, ELO1C Communication

ENGL3110 Critical Theory - 3 s.h.

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

ENGL3150 Film, Theatre, and the American Dream - 3 s.h.

Explores a fundamental component of American mythology referred to as "The American Dream." Examines some of the ways in which the American Dream has been defined, promulgated, and evaluated in films and plays. Implications of gender, ethnicity, income, geography, and historical period on perceptions of the American Dream also will be investigated. Goal 2B.

ENGL3240 Poetry and Social Justice - 3 s.h.

An investigation of the role of poetry as a vehicle for social change. With a focus on the poetry of emancipatory social movements, this global survey course includes a range of modern poets who merged the personal with the political, including William Blake, Walt Whitman, Muriel Rukeyser, Pablo

Neruda, Amiri Baraka, Adrienne Rich, June Jordan, Dennis Brutus, and Mahmoud Darwish. Students examine how poetry and poetic form 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. Goal 2B, 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. Goal 2B, 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.

ENGL3350 Shakespeare and Social Justice (also THTR3350) - 3 s.h.

Examines plays and poems authored or co-authored by Shakespeare, emphasizing the plays as historical performance texts, specifically looking at the plays through lenses of social justice, including those informed by critical studies of race, gender, sexuality, class, and disability. No prior knowledge of or comfort with Shakespeare is required for success in the course. ELO5 Humanities - Peace, ELO5 Humanities - Equality and Peace

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 Structures in Modern English - 3 s.h.

An introduction to 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. Encourages active participation in, rather than passive observance of, language's evolutionary processes and social functions. ELO5 Humanities - Innovation.

ENGL3430 Major Authors - 3 s.h.

An intensive study of the work of multiple authors, with attention given to their literary, historical, and social milieu. May be repeated for credit when subject changes. Goal 2B. +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. +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. Goal 2B. +This course is only offered every other year.

ENGL3550 Film Studies - 3 s.h.
A detailed study of significant film practices and themes. Themes will focus on film genres, directors, and historical trends. Topics will vary, but may include, Documentary Film; Independent Film; Queer Cinema; Film Theory; Experimental Film; Kubrick; Hitchcock. May be repeated for credit when topic changes. Prerequisite: ENGL2510 or Instructor Consent. Goal 2B.

ENGL3570 Documentary Film - 3 s.h.
Explores the history, economics, and formal qualities of the "documentary tradition" in filmmaking, with a special focus on documentary films that engage issues of sustainability, broadly defined (environmental, social, and economic). Goal 2B, ELO5 Humanities - Sustainability.

ENGL3900 Topics in English - 1-3 s.h.

Study of selected topics of interest in English, to be announced prior to the semester when the course is offered. May be repeated for credit as topics change.

ENGL4000 Individual Study - 1-3 s.h.

ENGL4150 Thesis Hours I: Planning and Research - 1 s.h.
Planning a senior project in the student's area of concentration.

ENGL4160 Thesis Hours II: Composition and Presentation - 1-2 s.h.
Preparing and presenting a senior project in the student's area of concentration. Repeatable for credit up to 2 semester hours.

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.

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.

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. Goal 4, 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 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

HLTH2410 Children's Health and Development – K-12 Health and Physical Education Lab

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 First Aid - 1 s.h.

HLTH1100 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. 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.

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. Goal 3F

HLTH2400 Children's Health and Development - 3 s.h.

Course will focus on the life-long development of the human

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.

HLTH2410 Children's Health and Development – K-12 Health and Physical Education Lab - 1 s.h.

Development of teaching competence for prospective K-12 teachers in the health education classroom and physical education classroom and early childhood classroom. Intended for early childhood and education majors (including Health Education and Physical Education). To be taken concurrently with HLTH2400 Children's Health and Development for Teachers track.

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. Goal 1A

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.

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. 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. Prerequisite: HLTH2560.

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

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

Course Descriptions

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.

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.

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.

Health Care Administration

Courses Offered

HCAD3330 Healthcare Finance and Economics

HCAD3420 Human Resources and Organizational Behavior for Healthcare

HCAD4100 Internship in Health Care Management

HCAD4300 Introduction to Healthcare Informatics

HCAD4310 Healthcare Electronic Database Systems

HCAD4320 Electronic Data Management

HCAD4400 Quality Assurance in Operation Management

HCAD4500 Leadership in Health Care

INTD3720 Legal Aspects of Health Care Management

Course Descriptions

HCAD3330 Healthcare Finance and Economics - 3 s.h.

Focuses on the study of healthcare delivery systems from an economic perspective. Provides an introduction to the most commonly used financial concepts, principles, and techniques of healthcare financial management of both for-profit and not-for-profit healthcare organizations.

HCAD3420 Human Resources and Organizational Behavior for Healthcare - 3 s.h.

Explores the impact of individual behavior, group behavior, and structure on organizational effectiveness. Focuses on topics such as motivation, leadership, decision-making, power and politics, interpersonal communication, group structure and processes, human resource needs, change processes, conflict, organizational culture, organizational change, work design, appraisal of job performance, training and development, and technological advances.

HCAD4100 Internship in Health Care Management - 3 s.h.

Internship that allows students to work with professionals in a health care management setting. The student will play an active role in identifying potential field sponsors.

HCAD4300 Introduction to Healthcare Informatics - 3 s.h.

Focuses on the components of the informatics field, the impact of information systems and emerging information technology roles on the dynamic field of healthcare. Emphasis is placed on the functions of the informatics specialists, the licensing, accrediting, and regulatory compliance aspects, as well as the potential of electronic management records to improve the quality of patient care.

HCAD4310 Healthcare Electronic Database Systems - 3 s.h.

Focuses on the theories and concepts of file and database structures; how data is captured, stored, structured, processed, and retrieved as well as the most common tools and techniques used. Emphasis is based on comparing various database systems regarding strengths and weaknesses.

HCAD4320 Electronic Data Management - 3 s.h.

Focuses on specific knowledge management techniques including data structures and models, manipulation of data using queuing language, data mining, and database security methods. Emphasis is based on application of decision making steps: identification, acquisition, analysis, interpretation, and application of data to a specific knowledge management system.

HCAD4400 Quality Assurance in Operation Management - 3 s.h.
Examination of voluntary and governmental efforts to address quality in the U.S. Health Care System. Includes a study of historical methods and current quality assurance, quality improvement and performance improvement models used in a variety of health care settings.

HCAD4500 Leadership in Health Care - 3 s.h.
Examination of leadership, management, and change theories. Emphasis on integrating the knowledge, skills, and abilities required to collaborate in creating, mobilizing, and motivating

multidisciplinary health care teams to achieve excellence and high quality outcomes.

INTD3720 Legal Aspects of Health Care Management - 3 s.h.
Overview of the doctrines and principles of law which are foundational to legally sound health care. Current legal dilemmas faced in the health care professions will be explored.

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 (Goal 1B)

HIST2100 History of Terrorism

HIST2200 Survey of Latin American History I

HIST2210 Survey of Latin American History II

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 (Goal 1B)

HIST3000 Individual Study (Goal 1B)

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)

HIST3470 British Foreign Relations (also POLS3470)

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

HIST3900A Advanced Topics in History-Twentieth Century Mexico

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. Goal 4, 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. Goal 4, 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. Goal 4, ELO5 Histories - World Citizenship, ELO5 Histories - Innovation, 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. Goal 1B, ELO5 Histories - Sustainability.

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 (Goal 1B) - 1-3 s.h.

HIST2100 History of Terrorism - 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. Goal 1B, 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. Goal 1B, ELO5 Histories - World Citizenship, ELO5 Histories - Equality and Peace

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. Goal 1B, 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. Goal 1B, 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. Goal 1B, 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. Goal 1B, ELO5 Histories - Innovation, GE3B Liberal Learning-Histories.

HIST2900 Topics in History (Goal 1B) - 1-3 s.h.

HIST3000 Individual Study (Goal 1B) - 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. Goal 1B, 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. Goal 1B. +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. Goal 1B, ELO5 Social Science - World Citizenship, ELO5 Social Science - Equality and Peace. +This course is only offered every other year.

HIST3470 British Foreign Relations (also POLS3470)

Survey of Britain's relations with governments and peoples in Europe, Asia, Africa, and the Americas in the period 1815-1970. Topics include Britain's role in shaping the post-Napoleonic order, development of imperial policy in the 19th century, Britain and the pre-World War I alliance system, the policy of appeasement, and the transition to a diminished world role after World War II. Goal 1B. +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. Goal 1B

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. Goal 1B.

HIST3550 Contemporary United States History - 3 s.h.

The history of the United States since 1960 emphasizing social

and cultural trends. Goal 1B +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. Goal 1B. +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. Goal 1B. +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. Goal 1B +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. Goal 1B

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. Goal 1B.

HIST3900A Advanced Topics in History-Twentieth Century Mexico - 3 s.h.

A history of Mexico from the end of the Porfiriato through the 2000 presidential election. Emphasis will be placed on the Mexican Revolution and the rise and dominance of the Institutional Revolutionary Party (PRI).

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 Discourse I. 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 Discourse II. 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

INTD1100 Critical Thinking in the Liberal Arts and Sciences

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

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.

INTD1100 Critical Thinking in the Liberal Arts and Sciences - 3 s.h.

An interdisciplinary course that introduces students to college-level critical thinking and a thematic approach to Essential Education. Applies the critical-thinking model to big questions, both contemporary and enduring, and serves as the entry point for the Essential Education program. NOTE: Withdrawal from this course is only allowed through student petition. ELO2 Critical Thinking.

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. Goal 4, 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. Goal 2B.

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.
A guided capstone where students will write a research paper or

create a project that demonstrates an appropriate level of mastery of the learning outcomes identified by student and faculty advisor at the time the application for the major was submitted. (Note: This is a graded course, does not count for essential education, and may not be repeated for credit.)

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

LEAD1100 Self-Leadership I

LEAD1200 Self-Leadership II

LEAD2100 Group Leadership I

LEAD2200 Group Leadership II

LEAD3100 Organizational Leadership I

LEAD3200 Organizational Leadership II

LEAD4100 Life and Leadership Practicum I

LEAD4200 Life and Leadership Practicum II

Course Descriptions

LEAD1100 Self-Leadership I - 2 s.h.
Self-Leadership I introduces students to college life and foundational life and leadership skills with the orientation of the student as the person of interest. Students will complete Orientation to College Life, recognize inside-and-outside-the-classroom opportunities, assess personal talents, define

leadership orientations, identify personal strengths/weaknesses, and recognize areas for personal growth and improvement. Students will be introduced to Graceland's five Learning Outcomes: Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship.

LEAD1200 Self-Leadership II - 2 s.h.

Self-Leadership II builds upon concepts from Orientation to College Life, continues to develop students' foundational life and leadership skills, and challenges students to expand/reflect upon inside-and-outside-the-classroom involvement. Students will expand on Orientation to College Life including themes centering around communication, organization, collaboration, listening, and self-awareness. Students will grow co-curricular circles, develop inside-and-outside-the-classroom identity, recognize leadership styles, and continue reflection of self-growth and leadership development. Students will identify how

Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship are integrated into learning at Graceland.

LEAD2100 Group Leadership I - 2 s.h.

Group Leadership I translates personal life and leadership skills into the group setting while introducing additional complementary topics such as: extrinsic/intrinsic motivation, emotional intelligence, inclusivity, trust, group dynamics, and group roles. Students will enroll in, complete, and reflect upon one of the SkillPath Leadership Academy courses. Students will understand the roles of Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship in group leadership.

LEAD2200 Group Leadership II - 2 s.h.

Group Leadership II continues to translate personal life and leadership skills into additional group settings while further developing skills such as: extrinsic/intrinsic motivation, emotional intelligence, inclusivity, trust, group dynamics, and group roles. Students will enroll in, complete, and reflect upon one of the SkillPath Leadership Academy courses. Students will discuss applications of Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship in group leadership.

LEAD3100 Organizational Leadership I - 2 s.h.

Organizational Leadership I 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 one of the SkillPath Leadership Academy courses. Students will

one of the SkillPath Leadership Academy courses. Students will apply Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship in organizational leadership.

LEAD3200 Organizational Leadership II - 2 s.h.
Organizational Leadership II further expands leadership skills beyond individuals and groups in the organizational level. Students will further develop social intelligence, conflict management and resolution, bias assessment, information collection, and evidence assessment. Students will enroll in, complete, and reflect upon one of the SkillPath Leadership Academy courses. Students will apply Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship in organizational leadership.

LEAD4100 Life and Leadership Practicum I - 2 s.h.

Life and Leadership Practicum I is a transition course for seniors. Students will conclude and reflect upon skills/tools from leadership of self, groups, and organizations while introducing skills necessary for success and meaning beyond Graceland University. Students will explore change management, psychological resiliency, and financial education. Students will enroll in, complete, and reflect upon one of the SkillPath Leadership Academy courses. Students will evaluate their own ability to apply Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship in a leadership role at Graceland.

LEAD4200 Life and Leadership Practicum II - 2 s.h.
Life and Leadership Practicum II is the capstone to the LEAD series at Graceland 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. Students will enroll in, complete, and reflect upon one of the SkillPath Leadership Academy courses. Students will evaluate their own ability to apply Higher-order Thinking, Character, Social Responsibility, Holistic Well-Being, and Digital Citizenship in current and future leadership roles.

Mathematics

Courses Offered

MATH1110 Mathematics I

MATH1110 Mathematics Lab

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 (Goal 3A)

MATH2350 Discrete Mathematics

MATH2510 Calculus III

MATH3000 Individual Study (Goal 3A)

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 (Goal 3A)

MATH4350 Probability and Advanced Statistics

MATH4360 Numerical Analysis (also CSIT4360)

MATH4370 Mathematical Modeling (also CSIT4370)

MATH4900 Advanced Topics in Mathematics

Course Descriptions

MATH1110 Mathematics Lab - 1 s.h.

Teaches foundational mathematical skills to prepare students for college-level mathematics. Emphasizes arithmetic, beginning algebra, problem solving, and a more guided introduction to mathematics. Must be taken concurrently with Introduction to Statistics during spring semester and College Algebra during fall semester. Required for students with ACT mathematics scores 15 and below or SAT mathematics scores 480 and below.

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, GE2B Foundational Skills-Mathematics/Quantitative.

MATH1280 College Algebra - 3 s.h.

Solutions of polynomial, rational and radical equations, systems of equations, matrices, sequences, series, functions, exponentials. Prerequisite: 2 years high school algebra. 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. Prerequisite: 1 year high school algebra; geometry recommended. 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. Prerequisite: 1 year high school algebra. 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. Prerequisite: 1 year high school algebra. 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. Prerequisite: 2 years high school

algebra. 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. Goal 3A

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. Goal 3A.

MATH2000 Individual Study (Goal 3A) - 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. Goal 3A

MATH3000 Individual Study (Goal 3A) - 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: MATH2520. Goal 3A. +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. Goal 3A. +This course is only offered every other year.

MATH3330 Abstract Algebra - 3 s.h.

Axiomatic algebra, groups, rings, fields. Prerequisite: MATH1510 and MATH2350. Goal 3A. +This course is only offered every other year.

MATH3340 Linear Algebra - 3 s.h.

Matrices, vector spaces, linear transformations. Prerequisite: MATH1510 and MATH2350. Goal 3A. +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. Goal 1A.

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. Goal 3A. +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. Goal 3A.

MATH4000 MATH4000 Individual Study (Goal 3A) - 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. Prerequisite: MATH1520 and MATH2350. +This course is only offered every other year. (This course may be taken for graduate credit and is equivalent to DSCI5340. Students must also sign up for DSCI4341 and complete all graduate level assignments.)

MATH4360 Numerical Analysis (also CSIT4360) - 3 s.h.

Analysis of numerical methods for computers covering iterative

methods for finding roots of equations, numerical integration, interpolation and differentiation, and solution of ordinary differential equations. Error analysis and convergence of

algorithms. Prerequisite: MATH2510 and a computer programming course. Goal 3A +This course is only offered every other year.

MATH4370 Mathematical Modeling (also CSIT4370) - 3 s.h.
Selected topics to demonstrate the interaction of mathematical thinking with real-world problems. Prerequisites: MATH1350 and MATH1520. Goal 3A +This course is only offered every other year.

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. Goal 3A.

Music

Courses Offered

MUSC1000 Performance Attendance

MUSC1120 Introduction to Music Technology

MUSC1140 Chamber Singers

MUSC1150 Music Theory I

MUSC1160 Music Theory II

MUSC1230 Aural Skills I

MUSC1260 Music History I: Antiquity, Renaissance, and Baroque

MUSC1270 Music and the Environment

MUSC1300 Concert Choir

MUSC1310 Graceland Harmonium

MUSC1400 The Graceland Orchestra

MUSC1430 Diction in Foreign Languages

MUSC1510 Applied Keyboard: Organ

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

MUSC1730 Graceland Yellowjacket Marching Band

MUSC1750 Applied Voice

MUSC1800 Chamber Ensemble Performance

MUSC2000 Individual Study (Goal 2A)

MUSC2100 MUSC2100 Form and Analysis

MUSC2120 Piano Class for Proficiency

MUSC2140 Aural Skills II

MUSC2150 Music Theory III

MUSC2160 Music Theory IV

MUSC2310 Music in the Church

MUSC2340 Conducting I

MUSC2350 Musics of the World

MUSC2360 Jazz History

MUSC2400 Music History II: Classical and Romantic

MUSC3000 Individual Study (Goal 2A)

MUSC3110 Advanced Graceland Harmonium

MUSC3120 Advanced Graceland Yellowjacket Marching Band

MUSC3130 Advanced Chamber Ensemble Performance

MUSC3140 Advanced Chamber Singers

MUSC3150 Advanced Graceland Choir

MUSC3150 Advanced Graceland Choir

MUSC3160 Advanced Graceland Orchestra

MUSC3180 Advanced Jazz Ensemble

MUSC3190 Advanced Symphonic Band

MUSC3220 Post Tonal Theory/History

MUSC3240 Conducting II

MUSC3280 String Methods and Pedagogy

MUSC3290 Woodwind Methods and Pedagogy

MUSC3310 Brass Methods and Pedagogy

MUSC3320 Percussion Methods and Pedagogy

MUSC3330 Music History III: Twentieth Century and Beyond

MUSC3340 Musical Citizenship: Artistic Activism and Social Justice

MUSC3350 From Louis Armstrong to Lady Gaga: A History of American Popular Music

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 (Goal 2A)

MUSC4700 Senior Recital

Course Descriptions

MUSC1000 Performance Attendance

Required attendance at regularly scheduled recitals, concerts, and special music programs. A corequisite of all applied music courses for Music majors and Music minors. Goal 2A.

MUSC1120 Introduction to Music Technology - 2 s.h.

Introduction to the use of computers in music production, music notation, and music education. Basic software and concepts in educational and music technology will be emphasized. Sources, selection, evaluation, creation, and implementation of electronic media for the musician and music educator will be covered. Prerequisite: Declared Music major. Goal 2A.

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. Goal 2A.

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. Goal 2A.

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. Goal 2A.

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.

MUSC1260 Music History I: Antiquity, Renaissance, and 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. Goal 2A. +This course is only offered every other year.

MUSC1270 Music and the Environment - 3 s.h.
Examines the relationship between music and the natural world, specifically ways in which the environmental movement has shaped musical composition throughout history. Covers a broad spectrum of popular and art music genres, ranging from Beethoven to Marvin Gaye to Radiohead. Identifies connections between music spanning multiple centuries and society's concern for enjoying and protecting the environment and the resources that it provides. ELO5 Arts - Sustainability.

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. Concert Choir performs both on and off campus. Goal 2A.

MUSC1310 Graceland Harmonium - 0-1 s.h.
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. Instructor consent required.

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. Goal 2A.

MUSC1430 Diction in Foreign Languages - 1 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. Goal 2A.

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.) Goal 2A.

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.) Goal 2A.

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. Goal 2A.

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.) Goal 2A

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.) Goal 2A

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.) Goal 2A

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.) Goal 2A.

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. Goal 2A.

MUSC1730 Graceland Yellowjacket Marching Band - 0-1 s.h.
The Graceland Yellowjacket Marching Band offers students from all majors the opportunity to perform in a dynamic ensemble that combines exciting musical selections with creative drill design. Repertoire is chosen from a wide variety of genres, ranging from symphonic literature to the most current popular music. The Graceland Yellowjacket Marching Band performs at selected athletic and recruitment events as determined by the course syllabus.

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.) Goal 2A.

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. Goal 2A

MUSC2000 Individual Study (Goal 2A) - 3 s.h.

MUSC2100 MUSC2100 Form and Analysis

Study of form in music, this course covers music literature drawn principally from, but not limited to, the baroque through classical eras. Analysis of phrases, periods, binary and ternary forms, rondo, sonata-allegro, and concerto forms. Prerequisite: Grade of C or better in MUSC2160 Fundamental Musicianship IV. Goal 2A. +This course is only offered every other year.

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. Goal 2A.

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 Fundamental Musicianship II with a grade of C or higher. Goal 2A.

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. Goal 2A.

MUSC2310 Music in the Church - 3 s.h.
Study of music in worship from antiquity through the Christian Reformers of Luther, Calvin into the Twenty-First Century of multiple genres of expression. A multi-denominational exploration including the song history of Community of Christ. Also explores hymn and praise song composition. Goal 2A.

MUSC2340 Conducting I - 1 s.h.
Study of conducting patterns and fundamental techniques including entrance, release, cue, dynamics, and tempo change. Prerequisite: MUSC1160 Fundamental Musicianship II with a grade of C or better. Goal 2A. +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. Goal 4, ELO5 Arts - World Citizenship, ELO5 Arts - Equality and Peace.

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. Goal 2A, ELO5 Arts - Innovation.

MUSC2400 Music History II: Classical and Romantic - 3 s.h.
Study of music from the Classical through the Romantic periods, with attention to the evolution of styles and forms during these eras. Emphasis is placed on listening to examples of the music studied. Goal 2A. +This course is only offered every other year.

MUSC3000 Individual Study (Goal 2A) - 1-3 s.h.

MUSC3110 Advanced Graceland Harmonium - 0-1 s.h.

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. Instructor consent required.

MUSC3120 Advanced Graceland Yellowjacket Marching Band - 0-1 s.h.

The Graceland Yellowjacket Marching Band offers students from all majors the opportunity to perform in a dynamic ensemble that combines exciting musical selections with creative drill design. Repertoire is chosen from a wide variety of genres, ranging from symphonic literature to the most current popular music. The Graceland Yellowjacket Marching Band performs at selected athletic and recruitment events as determined by the course syllabus.

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. Goal 2A.

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. Goal 2A.

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 on and off campus. Goal 2A.

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. Goal 2A.

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. Goal 2A.

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. Goal 2A.

MUSC3220 Post Tonal Theory/History - 3 s.h.
Study of the techniques of 20th-century compositions and investigation of composition practices, such as impressionism, atonality, serialism, aleatory or chance music, and electronic music all placed within their historical context. Prerequisite: Grade of C or better in MUSC2100 Form and Analysis and MUSC2410 Music History III. Goal 2A. +This course is only offered every other year.

MUSC3240 Conducting II - 1 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. Goal 2A +This course is only offered every other year.

MUSC3280 String Methods and Pedagogy - 2 s.h.
For music education students. Methods of teaching string instruments and development of a minimal playing proficiency on each. Survey of materials for both private and class instruction. Goal 2A +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. Goal 2A. +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. Goal 2A +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. Goal 2A. +This course is only offered every other year.

MUSC3330 Music History III: Twentieth Century and Beyond - 3 s.h.

This course examines major trends in twentieth- and twenty-first century Western Art Music and American vernacular music. There is a focus on the weakening tonality and functional harmony and the alternative methods introduced by composers during this time period. The impact of non-Western, pre-nineteenth-century music on global music, with a specific emphasis on popular American music, will be explored. Additionally, this course will explore the ways in which politics, nationalism, censorship, and technological advances have influenced and shaped music post 1900.

MUSC3340 Musical Citizenship: Artistic Activism and Social Justice - 3 s.h.

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? Music has long been used by movements seeking social change. People from around the world have used music as a platform to speak up and sing out about injustices. 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. From protest songs of the Civil Rights Movement, to music concerts for charity causes, to freedom songs of the African Americans, to the Singing Revolution of the country of Estonia, to songs of the LGBTQ movement, to the Sigauque Project in Mozambique, to the protest songs of the American union movement... and so on. Through readings, discussion, and in-depth analysis of these different songs and movements, students would gain knowledge of efforts to bring about both cultural and social change throughout the world. ELO5 Arts - Equality and Peace, GE3A Liberal Learning-Arts.

MUSC3350 From Louis Armstrong to Lady Gaga: A History of American Popular Music - 3 s.h.

This course examines the historical significance of popular music in the United States from the late nineteenth century to the present. This course will focus on learning how to describe and identify the musical characteristics that differentiate American popular music styles and how they have evolved to create new styles within the pop genre, by focusing on the historical, socio-

cultural, political, and economic forces. No formal musical training is necessary to enroll in the course. 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. Goal 2A. +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. Goal 2A. +This course is only offered every other year.

MUSC3400 Vocal Methods and Pedagogy - 2 s.h.

Basic principles and practical methods underlying the teaching of singing to individuals and/or groups. Prerequisite: MUSC1410 or MUSC1750. Goal 2A. +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.) Goal 2A

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.) Goal 2A

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.) Goal 2A.

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.) Goal 2A.

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.) Goal 2A.

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.) Goal 2A.

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.) Goal 2A.

MUSC4000 Individual Study (Goal 2A) - 1-3 s.h.

MUSC4700 Senior Recital - 1 s.h.
Required of all music majors. Students will present a solo recital on their major instrument/voice consisting of 40 minutes of music. Students must perform and "pass" a pre-recital jury before the music faculty one month prior to the scheduled senior recital. Student may pick up a recital syllabus/application from the Division of Visual and Performing Arts office in Shaw Center. Additional fee required. Prerequisite: Music majors must pass all components of the Piano Proficiency exam before registering for this course.

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

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

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 - 2-3 s.h.

NURS3100 Evidence Based Practice - 2-3 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: 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

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. Goal 3E, 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. Goal 3B +This course is only offered every other year.

Philosophy

Courses Offered

PHIL1100 The Philosophy of Death and Dying

PHIL1120 Basic Ethics (also RELG1120)

PHIL1200 Environmental Ethics

PHIL2260 The Ethics of Technology

PHIL2300 Basic Issues in Philosophy

PHIL2340 Finding Peace in Identity

PHIL2410 Reason and Religion

PHIL2420 World Philosophy

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. Goal 3E

PHIL1200 Environmental Ethics - 3 s.h.

An overview of environmental ethics, which analyzes the ethical responsibilities of human beings toward the natural world. Explores the diverse perspectives on and responses to environmental problems and analyzes the ethical underpinnings of these responses and perspectives. Goal 3E, ELO3 Ethical Thinking and Action - Sustainability

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. Goal 3E.

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. Goal 3E

PHIL2340 Finding Peace in Identity - 3 s.h.

A survey of personal identity, appealing to metaphysical and value theoretical issues as they relate to the self. Addresses the influence of memory, collective experience, and narrative on accounts of the nature of persons and assesses ethical implications of the accounts. Goal 3E, ELO3 Ethical Thinking and Action - Peace, ELO3 Ethical Thinking and Action - Equality and Peace

Peace.

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.

PHIL2420 World Philosophy - 3 s.h.
A survey of philosophical worldviews with origins in differing traditions, appealing to historical and contemporary Western and non-Western philosophy. Addresses fundamental philosophical issues from a variety of perspectives and evaluates points of convergence and divergence. Goal 3E, ELO3 Ethical Thinking and Action - World Citizenship, ELO3 Ethical Thinking - Innovation

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. Goal 3E, 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. Goal 3E

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. Goal 3E

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

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)

PHED1100 New Games

PHED1500 Introduction to Kinesiology

PHED1600 Corrective Exercise

PHED2000 Individual Study

PHED2120 Motor Learning

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)

PHED3280 The Foundations of Physical Education

PHED3333 Methods and Assessment of Teaching K-12 Health and Physical Education

PHED3340 Biomechanics with Lab

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

Course Descriptions

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.

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.

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.

PHED1600 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. Prerequisite: PHED1500 Introduction to Kinesiology

PHED2000 Individual Study - 1-3 s.h.

PHED2120 Motor Learning - 3 s.h.
Introduction to the principles involved in learning and teaching motor skills.

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: PHED1600. 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.

PHED3130 Sports Psychology (also PSYC3130) - 3 s.h.

Analysis and application of psychological and sociological data related to the participation of the coach and the athlete in competitive sports programs. Prerequisites: Junior standing or instructor's permission.

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 with Lab - 4 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. Includes a lab experience. 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. 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. Pre- or Corequisite: PHED4500. 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. Prerequisite: PHED4500.

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. Goal 1A

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. Goal 1A

Political Science

Courses Offered

POLS1200 Introduction to International Studies (also INTD1200)

POLS1300 United States Government

POLS2000 Individual Study (Goal 1B)

POLS2200 Introduction to Peace Studies (also PEAC2200)

POLS2360 The Politics of Immigration

POLS2370 Politics of Latin America: Beyond Borders

POLS3000 Individual Study (Goal 1B)

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

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. Goal 4, 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. Goal 1B, ELO5 Social Science - Innovation.

POLS2000 Individual Study (Goal 1B) - 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. Goal 3E, 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. Goal 1B, 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

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 (Goal 1B) - 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. Goal 1B, 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. Goal 1B. +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. Goal 1B. +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. Goal

1B, ELO5 Social Science - World Citizenship, ELO5 Social Science - Equality and Peace. +This course is only offered every other year.

POLS3500 Criminal Law - 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. Goal 1B.

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. Goal 1B.

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. Goal 1B.

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. Goal 1B.

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.)

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

PSYC2000 Individual Study (Goal 1C)

PSYC2250 Developmental Psychology

PSYC2320 Marriage and the Family (also SOCI2320)

PSYC3000 Individual Study (Goal 1C)

PSYC3130 Sports Psychology (also PHED3130)

PSYC3300 Sensation and Perception

PSYC3310 Social Psychology (also SOCI3310)

PSYC3330 Behavioral Neuroscience

PSYC3340 Personality

PSYC3360 Environmental Psychology

PSYC3370 Cross Cultural Psychology

PSYC3380 Abnormal Psychology

PSYC3390 Cognitive Psychology

PSYC3440 Psychology of the Workplace

PSYC3500 Principles of Learning

PSYC3510 Research Methods (also SOCI3510)

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. Goal 1C, ELO5 Social Science - Innovation

PSYC2000 Individual Study (Goal 1C) - 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

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 (Goal 1C) - 1-3 s.h.

PSYC3130 Sports Psychology (also PHED3130) - 3 s.h.

Analysis and application of psychological and sociological data related to the participation of the coach and the athlete in competitive sports programs. Prerequisites: Junior standing or instructor's permission.

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. Goal 1C. +This course is only offered every other year.

PSYC3310 Social Psychology (also SOCI3310) - 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: SOCI1300 or PSYC1300 (grade of C or better). Goal 1C.

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, and motivation and emotion. Prerequisites: PSYC1300 +This course is only 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. Goal 1C

PSYC3360 Environmental Psychology - 3 s.h.
Examination of the ways in which psychology impacts conservation, population, design, and sustainability issues in both natural and built environments. Interactive activity with ongoing campus sustainability programs is a feature of the course. Goal 1C, ELO5 Social Science - Sustainability. +This course is only offered every other year.

PSYC3370 Cross Cultural Psychology - 3 s.h.
Study of psychological theories and empirical findings relating to variations in cultures. Goal 4, 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: Five semester hours in Psychology. Goal 1C

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. Goal 1C +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. Goal 1C

PSYC3500 Principles of Learning - 3 s.h.
Explores a variety of theories of learning. Considers both conceptual and applied aspects of learning. Prerequisite: PSYC1300. Goal 1C +This course is only offered every other year.

PSYC3510 Research Methods (also SOCI3510) - 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: MATH1370.

PSYC3520 Research Methods Two - 3 s.h.
Development and implementation of an original research project. Prerequisite: PSYC3510, psychology major.

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. Goal 1C

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. Students will procure a professional internship in the field, which should be completed during the following semester. Prerequisite: Psychology major and junior standing.

PSYC4350 History and Systems - 3 s.h.
A historical analysis of systematic foundations in psychology. Includes Structuralism, Functionalism, Behaviorism, Gestalt psychology, and Psychoanalysis. Prerequisite: 5 semester hours in psychology.

PSYC4360 Senior Internship - 1-4 s.h.
Students will work with their professor in PSYC3520 to identify an internship where they can apply knowledge, theory, and skills from the major in a professional setting. Students should enroll in 1 credit for every 50 hours that will be volunteered in the sponsor organization (with a maximum of 4 credits). Prerequisite: psychology major, junior standing, instructor's consent.

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. Goal 1C

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 Ministries of the Church

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. Goal 3E

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. Goal 3E

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. Goal 2B, 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. Goal 2B

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. Goal 2B, 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. Goal 2B.

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. Goal 2B, 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. Goal 2B.

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. Goal 2B

RELG2380 Life and Writings of Rev. Dr. Martin Luther

RELG2300 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. Goal 2B

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. Goal 3E

RELG3200 Religions of the World - 3 s.h.

An introduction to the thought, practice, and history of the major religions of the world. Goal 4

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. Goal 2B.

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. Goal 2B

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. Goal 2B

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. Goal 3E +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

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. Goal 2B, ELO3 Ethical Thinking and Action - Peace, ELO3 Ethical Thinking and Action - Equality and Peace.

RELG3550 Ministries of the Church - 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 (Goal 1A)

SCIE3000 Individual Study (Goal 1A)

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 (Goal 1A) - 1-3 s.h.

SCIE3000 Individual Study (Goal 1A) - 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. Goal 1A.

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. Goal 1A

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. Goal 1A.

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

SOCI2500 Criminology

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

SOCI3310 Social Psychology (also PSYC3310)

SOCI3340 Penology (also CRMJ3340)

SOCI3350 Topics in Anthropology

SOCI3510 Research Methods (also PSYC3510)

SOCI3520 Juvenile Delinquency and Juvenile Justice (also CRMJ3520)

SOCI3540 Social Research

SOCI3900 Advanced Topics in Sociology

SOCI4000 Individual Study

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. Goal 1C, ELO5 Social Science - Equality, ELO5 Social Science - Equality and Peace

SOCI1350 Cultural Anthropology - 3 s.h.
Survey and analysis of diverse cultural patterns. Goal 4. +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.

SOCI2500 Criminology - 3 s.h.

Study of the nature, extent and causes of crime, and the analysis of various types of crimes. Prerequisite: SOCI1300 (grade of C or better) and Sophomore standing.

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. Goal 1C, 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. Goal 3B. +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.

SOCI3310 Social Psychology (also PSYC3310) - 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: SOCI1300 or PSYC1300 (grade of C or better). Goal 1C

SOCI3340 Penology (also CRMJ3340) - 3 s.h.

Examines various theories of social control, as well as correctional practices, reforms, and their consequences. Research on various punishment and correctional strategies will be discussed. +This

course is only offered every other year.

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).

SOCI3510 Research Methods (also PSYC3510) - 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: MATH1370.

SOCI3520 Juvenile Delinquency and Juvenile Justice (also CRMJ3520) - 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.

SOCI3540 Social Research - 3 s.h.

Designed to help the sociology majors professionalize their knowledge and experience through development and implementation of an original sociological research project. Prerequisite: Grade of C or better in SOCI3510 Research Methods, senior standing, and Sociology major.

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.

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 (Goal 4)

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. Goal 4.

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. Goal 4.

SPAN2000 Individual Study (Goal 4) - 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. Goal 4.

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. Goal 4.

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. Goal 4

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. Goal 4

SPAN3110 Hispanic Cinema - 3 s.h.

Designed to enhance students' knowledge of Hispanic culture through selected Spanish-speaking films. Prerequisite: SPAN2440. Goal 4, 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. Goal 4, 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. Goal 4, 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. Goal 4, 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. Goal 4

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

SOCI4100 Social Issues in Sport (also SPMT4100)

SPMT1210 Introduction to Sport Management

SPMT1220 So, You Want to Work in Sport

SPMT1230 Sports Career Game Plan

SPMT2300 Legal and Ethical Issues in Sports

SPMT2700 Sport Practicum

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

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.

SPMT1210 Introduction to Sport Management - 1 s.h.

An introduction to the field of sport management and areas of employment, including professional sports, intercollegiate athletics, campus recreation, municipal recreation, for-profit sport, non-profit sport, military recreation, and correctional recreation.

SPMT1220 So, You Want to Work in Sport - 1 s.h.

An introduction to the sport industry, including the various areas within sport, and what steps are necessary for students to best prepare themselves for a career in the field.

SPMT1230 Sports Career Game Plan - 1 s.h.

This course will work cooperatively with Work In Sports and through a series of online modules, students will gain industry specific knowledge to prepare them for employment in the sport industry. The four modules will include Gaining the Right Experience, Building and Maintaining a Professional Network, Mastering Your Résumé, Cover Letter & Personal Brand, and Excelling in Interviews.

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.

SPMT2700 Sport Practicum - 0-3 s.h.

The Sport Management Practicum exposes students to a practical learning environment through which they apply classroom theory to sport world reality. The practicum usually occurs on a part – time basis, during the student's sophomore or junior year, focusing on personal learning objectives. Students

complete additional coursework while completing the practicum, and therefore students are encouraged to pursue opportunities on - campus during the semester or off – campus during the summer. The practicum integrates coursework with planned and supervised sport experiences for a total of 120 hours. The practicum can be completed with the Graceland University Athletic Department or other agreed upon organization. Instructor's consent required for registration.

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. 3 credits Prerequisites: SPMT1210, SPMT1220, AND SPMT1230.

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

CSIT2110 Introduction to Geographic Information Sciences (also SUST2100)

SUST1100 Introduction to Sustainability (also BIOL1100)

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

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.

SUST1100 Introduction to Sustainability (also BIOL1100) - 3 s.h.

An introduction to the fundamentals of sustainability and its impact on biological systems. Explores how sustainability relates to population, ecosystems, global change, energy, agriculture, water, environmental economics and policy, ethics, and cultural history. Practical approaches to this course will be tied closely to small-scale agriculture and water use with hands-on fieldwork at the campus EcoPlot. Goal 1A, 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

THTR1220 Beginning Acting

THTR1230 Theatre and Society

THTR1310 Introduction to Stagecraft

THTR2000 Individual Study (Goal 2A)

THTR2240 Stagecrafts 2

THTR2260 Acting 2

THTR2350 Theatre Production Studies

THTR2900 Topics in Theatre

THTR3000 Individual Study (Goal 2A)

THTR3100 Dramatic Literature

THTR3140 Playwriting

THTR3260 Acting 3

THTR3350 Shakespeare and Social Justice (also ENGL3350)

THTR3370 Theatre History I

THTR3380 Theatre History II

THTR3950 Topics in Theatre

THTR4000 Individual Study (Goal 2A)

THTR4100 Directing I

THTR4120 Directing II

THTR4200 Senior Seminar I

THTR4210 Senior Seminar II

THTR4350 Advanced Theatre Production Studies

Course Descriptions

THTR1220 Beginning Acting - 3 s.h.

Study and practice of the fundamentals of acting through improvisation and exploratory exercises. Basic principles of stage performance designed to enhance the student's appreciation of the art form are emphasized. Goal 2A, ELO5 Arts - Innovation.

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.

THTR1310 Introduction to Stagecraft - 3 s.h.
Introduction to the elements and practices of theatrical construction and scene design. Concentration on the techniques of theatrical construction, costume construction, lighting technology, stage mechanics, alternative methods of staging and shifting stage scenery, backstage organization, and development through practical experience of essential woodworking and stagecraft skills. Laboratory session required. Additional fee required. Goal 2A, ELO4 Global Learning - Innovation

THTR2000 Individual Study (Goal 2A) - 1-3 s.h.

THTR2240 Stagecrafts 2 - 3 s.h.
Continued study of the elements and practices of theatrical construction and scene design, lighting design, and costume design. Laboratory session required. Additional fee required. Prerequisite: THTR1310. Goal 2A.

THTR2260 Acting 2 - 3 s.h.
Continued study of the basic principles of acting through scene work and monologues. In addition to realism, period styles such as Ibsen, Chekhov and Shaw will be studied. Continued voice and movement work will also be applied. Prerequisite: THTR1220. Goal 2A.

THTR2350 Theatre Production Studies - 0-3 s.h.
Participation in a theatrical production: acting, directing, technical production, design. (Total credits accumulated in this course plus THTR4350 may not exceed eight.) Students approved for credit work in this course by faculty-director must contribute a minimum of 35 clock hours of activity, which shall be exclusive of assignments, and activities pertaining to other courses. Goal 2A.

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. Goal 2A

THTR3000 Individual Study (Goal 2A) - 1-3 s.h.

THTR3100 Dramatic Literature - 3 s.h.
Exploration and analysis of an individual genre or topic in dramatic literature, with an emphasis on common themes and characteristics of texts that make up the categories. Subjects will

vary, but may include the following: feminist theatre, postcolonial drama, multi-cultural theatre, American Realism, global theatre, theatre of the absurd, avant-garde theatre, theatre of the Holocaust, LGBT theatre, and Irish drama. May be repeated for credit when course subject changes. Goal 2A.

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. Goal 2A.

THTR3260 Acting 3 - 3 s.h.

Continued study of the basic principles of acting through scene work and monologues. In addition to realism period styles such as Greek and Shakespeare will be studied. Continued voice and movement work will also be applied. The student will also have the opportunity to produce an audition package. Prerequisite: THTR2260. Goal 2A.

THTR3350 Shakespeare and Social Justice (also ENGL3350) - 3 s.h.

Examines plays and poems authored or co-authored by Shakespeare, emphasizing the plays as historical performance texts, specifically looking at the plays through lenses of social justice, including those informed by critical studies of race, gender, sexuality, class, and disability. No prior knowledge of or comfort with Shakespeare is required for success in the course. ELO5 Humanities - Peace, ELO5 Humanities - Equality and Peace

THTR3370 Theatre History I - 3 s.h.

Study of the development of theatre, drama, and stagecraft from their beginnings through the 17th century, with reading of representative plays. Prerequisite: ENGL1100 Discourse I. Goal 2A. +This course is only offered every other year.

THTR3380 Theatre History II - 3 s.h.

Study of the development of theatre, drama, and stagecraft from the 18th century to the present, with readings of representative plays. Prerequisite: THTR3370 Theatre History I, or ENGL1100 Discourse I and consent of instructor. Goal 2A. +This course is only offered every other year.

THTR3950 Topics in Theatre - 1-3 s.h.

Advanced study of a selected area in theatre: performance, design, technology, history, management, dramaturgy, trends. May be repeated for credit. Goal 2A.

THTR4000 Individual Study (Goal 2A) - 3 s.h.

THTR4100 Directing I - 3 s.h.
Study and application of stage direction, including conceptualization, staging, rehearsal techniques, issues of style, and communication with actors and designers. Prerequisites: Theatre Major/Minor or consent or instructor, THTR1220 Introduction to Acting. Goal 2A +This course is only offered every other year.

THTR4120 Directing II - 3 s.h.
Application of directing principles and techniques demonstrated by directing a one-act play. Prerequisite: THTR4100. Goal 2A.

THTR4200 Senior Seminar I - 1 s.h.
Reading, discussion, and analysis of modern critical theory pertaining to theatre and performance. Restricted to theatre or theatre and film majors with Senior standing. Additional fee required. Goal 2A.

THTR4210 Senior Seminar II - 2 s.h.
Student-designed project in acting, directing, playwriting, or technical theatre. Restricted to theatre or theatre and film majors with Senior standing who have taken THTR4200 Senior Seminar I. Additional fee required. Goal 2A.

THTR4350 Advanced Theatre Production Studies - 0-3 s.h.
Participation in a theatrical production: acting, directing, technical production, design. Students approved for credit work in this course by faculty-director must complete a minimum of 35 clock hours of activity which shall be exclusive of assignments and activities pertaining to other courses. Prerequisite: THTR2350 and junior or senior standing. (Total credits accumulated in this course plus THTR2350 may not exceed 8.) Goal 2A.

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.