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# 2017-2018 Graceland University Undergraduate Catalog

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[Lamoni Campus Map](#)

[Lamoni Campus](#) | 1 University Place | Lamoni, IA 50140 |

[641.784.5000](#) | [866.GRACELAND](#)

[Independence Campus](#) | 1401 W. Truman Road | Independence,

MO 64050-3434 | [816.833.0524](#)

[Online Programs](#) | [distancelearning@graceland.edu](mailto:distancelearning@graceland.edu) |

[800.833.0524](#)

[Graceland University is an equal opportunity provider and employer.](#)

# About the University

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## Accreditation

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

Graceland University's undergraduate teacher education programs are accredited by the Council for Accreditation of Teacher Preparation (CAEP), [www.caepnet.org](http://www.caepnet.org).

The nursing programs are accredited by the Commission on Collegiate Nursing Education (CCNE), [www.aacn.nche.edu](http://www.aacn.nche.edu), One Dupont Circle, NW, Suite 530, Washington, DC 20035, (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 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 has been approved by Iowa 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.

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## 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.

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## 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. Graceland's sponsoring church changed its name to Community of Christ in 2000. Graceland is a nonsectarian institution of higher education open to students of all faiths.

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 43 states and 26 countries and can choose from more than 27 academic majors and programs, and 19 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 when we began offering a variety of master-level degrees.

Graceland granted its first bachelor's degree in nursing in 1969. Our internationally-known School of Nursing (SON) is located on Graceland's Independence, Missouri campus (founded in 1969) where we offer a wide array of degree programs, including master's degrees and a new Doctor of Nursing Practice degree program. The Graceland SON was among the first in the nation, in 1987, to offer nationally-accredited distance education programs – these programs revolutionized how nurses are educated and mentored.

The University's teacher education programs date back to Graceland's early days. Today, the Edmund J. Gleazer School of Education provides a diverse offering of innovative undergraduate and graduate degrees, on-site and online, on both the Lamoni and Independence campuses, which lead to nationally accredited teacher licensure in the state where the student plans to teach.

The C.H. Sandage School of Business is home to The Sandage Center for the Study of Free Enterprise and Entrepreneurship and our national-champion Enactus team. The School of Business offers exciting degree programs like Sport Management and Agricultural Business.

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.

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.

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## 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.

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## **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.

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# Institutional Learning Outcomes

Graceland's Essential Education Curriculum is designed to prepare students for a life of inquiry, analysis, discovery, problem solving, effective communication and innovation. It is designed for students and faculty to engage the "Big Questions" and far-reaching Issues—contemporary and enduring—in science and society, cultures and values, global interdependence, the changing economy, and human dignity and freedom. This curriculum seeks to connect knowledge with choices and action and to prepare students for citizenship and work through engaged and guided learning on real-world problems. The curriculum is also designed to foster civic, intercultural, and ethical learning emphasizing personal and social responsibility and a commitment to transformational justice.

1. Communication
2. Critical Thinking
3. Ethical Thinking and Action
4. Global Learning
5. Knowledge of Human Cultures
6. Knowledge of the Physical and Natural World

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## Organization of the Academic Program, Lamoni Campus

### **College of Liberal Arts and Sciences**

Dr. Brian J. White, Dean

### **Division of Health and Movement Sciences**

Bryan Gatzke, Chair

[Athletic Training](#)

[Health](#)

[Health and Movement Science](#)

[Physical Education](#)

[Recreation](#)

### **Division of Humanities**

Isaac Pressnell, Chair

[Communication](#)

[English](#)

[Philosophy](#)

[Religion](#)

[Spanish](#)

### **Division of Science and Mathematics**

Dr. Daniel V. Pratt, Chair

[Biology](#)

[Chemistry](#)

[Computer Science & Information Technology](#)

[Mathematics](#)

[Physics](#)

[Science](#)

### **Division of Social Science**

Dr. Brian C. Smith, Chair

[Criminal Justice](#)

[Geography](#)  
[History](#)  
[Political Science](#)  
[Psychology](#)  
[Sociology](#)

### **Division of Visual and Performing Arts**

Dr. Erin Bodnar, Chair

[Art](#)  
[Music](#)  
[Theatre](#)

### **The Edmund J. Gleazer School of Education**

Dr. Lee Bash, Dean

[Education \(Undergraduate\)](#)  
[Education \(Graduate\)](#)

### **C.H. Sandage School of Business**

Dr. Robert A. Poulton, Dean

[Accounting](#)  
[Agricultural Business](#)  
[Business Administration](#)  
[Economics](#)  
[Organizational Leadership](#)  
[Sport Management](#)

## Organization of the Academic Program, Independence Campus

### **The Edmund J. Gleazer School of Education**

Dr. Lee Bash, Dean

[Education \(Undergraduate\)](#)  
[Education \(Graduate\)](#)

### **School of Nursing**

Dr. Claudia D. Horton, Dean, School of Nursing

Dr. Jan Rice, Associate Dean

Dr. Sharon Little-Stoetzel, Associate Dean, Undergraduate Programs

[Nursing \(Undergraduate\)](#)  
[Nursing \(Graduate\)](#)

### **Community of Christ Seminary**

Dr. Matthew Frizzell, Dean

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## Graceland University Educational Sites

Graceland University offers a quality educational program at multiple locations using various course delivery methods to provide opportunities for many students. Students may take Graceland University courses at the following locations 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 27 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 or Bachelor of Arts in Healthcare Management, a Bachelor of Arts in Business, a Master of Science in Nursing, a Master of Education degree 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.



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**September**

---

Mon. 4 Labor Day - No Classes

---

**October**

---

Fri. 6 Midterm/End of Quarter, Semester Programs

---

Mon. 9 Second Quarter Begins, Semester Programs

---

Fri.-Sun. 13-15 Homecoming

---

Fri. 20 (5:00 p.m.) Fall Break Begins, Semester Programs

---

Sat. 21 Classes End, 8 Week Fall Subsession A (Trimester)

---

Mon. 23 Classes Begin, 8 Week Fall Subsession B (Trimester)

---

Wed. 25 (8:00 a.m.) Classes Resume, Semester Programs

---

**November**

---

Tues. 21 (9:00 p.m.) Thanksgiving Recess Begins

---

Mon. 27 (8:00 a.m.) Classes Resume

---

**December**

---

Fri. 1 Classes End, Semester Programs

---

Mon.-Thurs. 4-7 Semester Examinations

---

Sat. 16 Nursing Recognition Ceremony - Independence, Missouri

---

Sat. 16 Commencement - Independence, Missouri

---

Sat. 16 Classes End, 8 Week Fall Subsession B (Trimester)

---

Sat. 16 Classes End, 16 Week Fall Session (Trimester)

---

## Spring 2018 Academic Calendar

**January**

---

Tues. 2 Classes Begin, 16 Week Spring Session (Trimester)

---

Tues. 2 Classes Begin, 8 Week Spring Subsession A (Trimester)

---

Mon. 8	Classes Begin, Semester Programs
Mon. 15	Martin Luther King, Jr. Day (No Classes)
<b>February</b>	
Fri. 23	Spring Recess Begins, Trimester Face-2-Face Programs
Fri. 23	Midterm/End of Quarter, Semester Programs
Sat. 24	Classes End, 8 Week Spring Subsession A (Trimester)
Mon. 26	Classes Begin, 8 Week Spring Subsession B (Trimester)
Mon. 26	Second Quarter Begins, Semester Programs
<b>March</b>	
Mon. 5 (8:00 a.m.)	Classes Resume, Trimester Face-2-Face Programs
Fri. 9 (5:00 p.m.)	Spring Recess Begins, Semester Programs
Mon. 19 (8:00 a.m.)	Classes Resume, Semester Programs
<b>April</b>	
Thurs. 12	Scholars Showcase, Semester Programs (No Classes 8-5)
Fri. 20	Classes End, Semester Programs
Sat. 21	Classes End, Trimester Programs
Mon.-Thurs. 23-26	Semester Examinations, Semester Programs
Sat. 28	Baccalaureate - Lamoni, Iowa
Sun. 29	Commencement - Lamoni, Iowa

## Summer 2018 Academic Calendar

### April

Mon. 30	Spring Faculty Conference
Mon. 30	Summer Session Begins, Trimester Programs

### May

Tues. 1 Spring Faculty Conference

---

Wed. 2 Summer Session Begins, Semester Programs

---

**June**

---

Sat. 23 Classes End, 8 Week Summer Subsession A (Trimester)

---

Mon. 25 Classes Begin, 8 Week Summer Subsession B (Trimester)

---

**August**

---

Fri. 17 Classes End, Semester Programs

---

Sat. 18 Classes End, Trimester Programs

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## Fall 2018 Academic Announcements\*\*

**August**

---

Wed. Thurs. 15, 16 Fall Faculty Conference

---

Sat. 18 New Students Arrive

---

Sun. 19 Returning Students Arrive

---

Mon. 20 Classes Begin, Semester Programs

---

Mon. 27 Classes Begin, Trimester Programs

---

**September**

---

Mon. 3 Labor Day - No Classes

---

**October**

---

Fri. 5 Midterm/End of Quarter, Semester Programs

---

Mon. 8 Second Quarter Begins, Semester Programs

---

Fri.-Sun. 12-14 Homecoming

---

Fri. 19 (5:00 p.m.) Fall Break Begins, Semester Programs

---

Sat. 20 Classes End, 8 Week Fall Subsession A (Trimester)

---

Mon. 22 Classes Begin, 8 Week Fall Subsession B (Trimester)

---

Wed. 24 (8:00 a.m.)                      Classes Resume, Semester Programs

---

**November**

---

Tues. 20 (9:00 p.m.)                      Thanksgiving Recess Begins

---

Mon. 26 (8:00 a.m.)                      Classes Resume

---

Fri. 30    Classes End, Semester Programs

---

**December**

---

Mon.-Thurs. 3-6                              Semester Examinations

---

Sat. 15    Nursing Recognition Ceremony - Independence, Missouri

---

Sat. 15    Commencement - Independence, Missouri

---

Sat. 15    Classes End, 8 Week Fall Subsession B (Trimester)

---

Sat. 15    Classes End, 16 Week Fall Session (Trimester)

---

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

## Spring 2019 Academic Announcements\*\*

**January**

---

Wed. 2    Classes Begin, 16 Week Spring Session (Trimester)

---

Wed. 2    Classes Begin, 8 Week Spring Subsession A (Trimester)

---

Mon. 7    Classes Begin, Semester Programs

---

Mon. 21    Martin Luther King, Jr. Day (No Classes)

---

**February**

---

Fri. 22    Spring Recess Begins, Trimester Face-2-Face Programs

---

Fri. 22    Midterm/End of Quarter, Semester Programs

---

Sat. 23    Classes End, 8 Week Spring Subsession A (Trimester)

---

Mon. 25    Classes Begin, 8 Week Spring Subsession B (Trimester)

---

Mon. 25    Second Quarter Begins, Semester Programs

---

**March**

Mon. 4 (8:00 a.m.)	Classes Resume, Trimester Face-2-Face Programs
Fri. 8 (5:00 p.m.)	Spring Recess Begins, Semester Programs
Mon. 18 (8:00 a.m.)	Classes Resume, Semester Programs
<b>April</b>	
Thurs. 11	Scholars Showcase, Semester Programs (No Classes 8-5)
Fri. 19	Classes End, Semester Programs
Sat. 20	Classes End, Trimester Programs
Mon.-Thurs. 22-25	Semester Examinations, Semester Programs
Sat. 27	Baccalaureate - Lamoni, Iowa
Sun. 28	Commencement - Lamoni, Iowa

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

## Summer 2019 Academic Announcements\*\*

<b>April</b>	
Mon. 29	Spring Faculty Conference
Mon. 29	Summer Session Begins, Trimester Programs
Tues. 30	Spring Faculty Conference
<b>May</b>	
Wed. 1	Summer Session Begins, Semester Programs
<b>June</b>	
Sat. 22	Classes End, 8 Week Summer Subsession A (Trimester)
Mon. 24	Classes Begin, 8 Week Summer Subsession B (Trimester)
<b>August</b>	
Fri. 16	Classes End, Semester Programs
Sat. 17	Classes End, Trimester Programs

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



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# 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](#) form, and submitted to InfoCentral or 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.
  - A. Do not alter or falsify or misrepresent an academic document.
  - B. Do not help someone alter or falsify an academic document.
  - C. Do not communicate false information whether oral, written, electronic or nonverbal.
  - D. 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.
  - A. 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.
  - B. 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.
  - C. Cite the source of paraphrased material and avoid excessive paraphrasing. Too much paraphrasing minimizes your contribution.
  - D. 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.
  - A. 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.
  - B. Do not falsify research results or violate codes for the treatment of human or animal subjects.
  - C. Do not violate the policies of proctors, preceptors or supervisors.
  - D. Do not use an electronic copy of another person's work as the starting point of your own work without the instructor's permission.
  - E. 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 dean of faculty. Violation of the academic integrity policy may have additional consequences including sanctions or dismissal from a program or from Graceland University.

# 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](#) 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.

Students are placed on Probation when their cumulative grade point average falls below the following, expressed in terms of semesters 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

Students placed on Probation after a given session will be placed on Continued Probation after their next semester of enrollment if they do not achieve the required cumulative GPA. Students on Continued Probation must earn either the appropriate cumulative GPA or at least a 2.25 GPA for the current semester/trimester in order to continue enrollment. Those who do not achieve the required cumulative GPA but do achieve a 2.25 GPA for the current semester/trimester will be allowed to continue their enrollment on Continued Probation. Students who fail to achieve the required GPA to be removed from probation and do not earn at least the 2.25 GPA for the semester/trimester will be academically dismissed.

Lamoni Campus students placed on Probation will be strongly encouraged to take advantage of free tutoring services provided by the Academic Divisions/Schools or the Academic Skills Center.

Full- and part-time students who are not classified as first-time freshmen (FF) and are enrolled for at least 8 semester hours **during the current semester** will be academically dismissed when they:

1. fail to satisfactorily complete 6 semester hours in a given semester/trimester and are not making [satisfactory academic progress](#), or
2. earn less than a 1.50 grade point average for a given semester/trimester and are not making [satisfactory academic progress](#), or
3. are on Continued Probation and fail to achieve the required cumulative GPA or at least a 2.25 GPA for the current semester/trimester.

Full- and part-time students who are classified as first-time freshmen (FF) and enrolled for at least 8 s.h. during the current semester/trimester will be academically dismissed if they fail to earn at least a 1.00 GPA.

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

Winter terms and summer sessions may affect probationary status, but cannot cause dismissal.

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](#) here now. The form is also available at InfoCentral or the Registrar's Office in Patroness Hall.

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

# Advising & Registration

Each student is assigned an academic advisor who is available for help in planning an academic program. Entering freshmen and students who have not declared a major will be advised by an advising specialist in the Career, Academic and Personal Counseling (CAP) Center; sophomores, juniors, and seniors who have declared a major will be advised by a faculty member in the appropriate discipline. **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". 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 and academic requirements. Students may make changes to their schedules online up until the first day of classes using "My Graceland". Beginning the first day of classes, a [Change of Registration \(Add/Drop\) Form](#) with the course instructor and advisor's signatures must be processed. Refunds in courses for which special tuition is charged will be based on the date of the change of registration.

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 as long as the experience has not started at the time it is approved.

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 Patroness Hall on the Lamoni, IA, campus for this information.

**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.**



# 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](#).)
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](#) 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.

# Center for Graduate & Continuing Studies

## Online Courses

Lamoni and Independence Campus students who wish to supplement their program of study with Center for Graduate and Continuing Studies (CGCS) online courses may do so by receiving approval from their advisor, and their division chair or dean of the school. 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. Student is advised to enroll in an online course to meet program requirements, or the student expresses an interest in enrolling in an online course.
2. Student and Advisor complete the [Application for Enrollment in Arranged or CGCS Online Course](#).
3. Division Chair or Dean of the School approves the application form.
4. The form is routed to the Registrar's Office to complete the registration process. Book orders are placed and charges are applied to the student's account.
5. The student is then subject to CGCS policies for completion of the course ([withdrawal policy](#), participation policy).

# 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.

\* See Administrative Withdrawal Policy listed below.

# Course Withdrawal by Instructor

Instructors may drop students from a course when students have not validated their enrollment in the course. To validate enrollment in a seated course, students must attend at least one class session during the first week. Students, who miss the first week of a course without obtaining prior approval from the instructor, may be dropped from the course by the instructor. The instructor will notify the registrar and student of the drop prior to the eighth day of the semester/trimester.

# Administrative Withdrawal from 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 penalty.

1. Unless special arrangements have been made between the student and instructor, a student enrolled in an online course who does not begin completion of course assignments during the first week of the course, will be referred to the Program Consultant or Registrar for administrative withdrawal.
2. 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 (unless special arrangements have been made between student and instructor), that student may be referred by the instructor to Program Consultant or Registrar for counseling and withdrawal.

# 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

# Courses by Arrangement

Permission may be granted for arranged courses when irresolvable scheduling conflicts exist that 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 Course](#) is submitted by the student to the Division Chair or Dean of the School responsible for the proposed course. The completed form must clearly include the rationale for the arranged course, the student's desired grading basis, and signatures from the student's academic adviser, and instructor.
2. The Division Chair or Dean of the School notes the appropriate action and forwards the application to the Registrar.

# Credit for Extracurricular Learning

Extracurricular learning related to subject areas, courses, and programs of study is evaluated for students registered at Graceland University. Extracurricular 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 extracurricular learning credit should be directed to the Registrar in Patroness Hall.

## Types of Extracurricular Credit

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[Advanced Placement Tests](#)

[College Level Examination Program \(CLEP\)](#)

[Excelsior](#)

[Experiential Learning Credit](#)

[International Baccalaureate Diploma](#)

[Language Placement Examination](#)

[Proficiency Exams](#)

## Advanced Placement Tests

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

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

The Advanced Placement credit listing can be found in PDF format [here](#).

## 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 Patroness Hall or you may view the Credit Allowed List in PDF format [here](#).

If you are interested in earning credit through CLEP and want to learn more about it, the Registrar suggests the following website: <http://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 Patroness Hall.

## 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](#) 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](#), 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.”



# 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 & 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](#) 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 and Alpha Mu Gamma recognize outstanding achievement in history and the modern foreign languages, respectively. 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.

Each year during commencement exercises, special honors are conferred upon graduates who have maintained distinguished academic records throughout their years at Graceland. 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 and will be completing all requirements for graduation with their current enrollment.

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 to the graduate(s) with the highest 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.

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](#) form to the [Honors Program](#) 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](#), 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.

# 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's policy for disclosure of, and access to, educational records.

### **POLICY AND PROCEDURE:**

#### **Definitions:**

**Student:** A student is any person who attends or has attended Graceland University.

**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, 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 items without prior consent, unless notified in writing to the contrary prior to the start of classes each period of enrollment. Requests not related to office duties and functions are to be directed to the record custodian and/or the designated office for release of information.

**Education records:** any record (in handwriting, print, film, tapes, video, or other medium) maintained by Graceland or an agent of the University, 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 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 for the maker of the record;
- An employment record of an individual 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 individual'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.

**Compliance:** 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.

### **Access Of Education Records**

**Student's inspection of education records:** Students may inspect and review their education records upon



request to the appropriate record custodian. 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. We 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.

**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 University 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 the University
- 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.

### Designated Record Custodians

The following positions are the designated record custodians for purposes of this policy:

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 Independence Campus
Admissions Records following enrollment for all programs administered by the Lamoni Campus	Vice President for Enrollment Management
Credential and Placement Records	Director of CAP Center
Cumulative Academic Records	Registrar
Discipline Records	Dean of Students
Employment Records for Students	Director of Human Resources
Financial Records for Students	Director of Student Financial Services
Health Records for Student - Lamoni	Director of Health Services
Health Records for Students in programs administered by Independence	Dean, School of Nursing - Independence

Progress Records, for courses in progress	Course Instructor
Progress Records, for degree in progress	Registrar
Miscellaneous Records	The appropriate official will collect such records, direct the student to their location, or otherwise make them available for inspection and review

## Disclosure Of Education Records

No written consent required: 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. (See written consent required section below)

**Written consent required:** 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.
  - A Graceland official is:
    1. A person employed by the University in an administrative, supervisory, academic or research, support staff or student worker position.
    2. A person s/elected to the Board of Trustees.
    3. A person employed by or under contract to the University to perform a special task, such as an attorney or auditor.
    4. Employees or students appointed to official University committees.
- 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 the University.
- 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 of the results of any institutional disciplinary proceeding against the alleged perpetrator of that crime with respect to that crime.

Record of requests for disclosure: Graceland University 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. 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 the institution. 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 University discloses the contested portion of the record, it must also disclose the statement.

Approved: March 20, 2001

# Undergraduate Satisfactory Academic Progress Standards for Receiving Financial Aid

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](#))

## 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](#))

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 [Transfer Student](#)).

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 prior to the semester begin date. 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. A list of courses the student is planning to enroll in during the next semester. This should include written documentation of your educational plan from your academic advisor, the CAP Center, or your program consultant. See the [Satisfactory Academic Progress Appeal 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. There must only be one payment period of Financial Aid Probation per Appeal.

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.

# 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](#) 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](http://www.studiesabroad.com)), AIFS ([www.AIFS.com](http://www.AIFS.com)) and Central College Abroad ([www.central.edu/abroad/](http://www.central.edu/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](#) 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.

# 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](#)).

In-Progress, no grade points.

NR - Not Recorded, no grade points.

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

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## Auditing of Courses



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

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## Changing a Course Grade

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

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

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

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## Courses Repeated

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

Students are advised to carefully consider the impact on financial aid and athletic eligibility when repeating grades of "D" or higher. A course repeated counts once toward graduation. The Gold Seal for Scholarship, which is awarded at the May 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](#) form now or picking up a form for the change in InfoCentral or the Registrar's Office.
2. Having the appropriate instructor and academic adviser sign the form.
3. Returning it to InfoCentral or 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 from 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 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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# 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. No transcripts will be issued during the week following examinations or during the periods of registration. 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](#).

### 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](#) 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](#) link and follow an expedited transcript ordering process.

### Walk-In Transcript Requests

Walk-in requests for transcripts can be made at InfoCentral in the Memorial Student Center (MSC) or the Registrar's Office in Patroness Hall. 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.

# 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 in the Retention Office (MSC, room 26). 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**

- A. 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.
  - a. 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.
  - b. 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.

**B. 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**

- I. 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.
- II. The Vice President for Student Life/Dean of Students will assist the student in determining the best option for withdrawing or completion of coursework.
- III. 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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## Continuing Education

A program of continuing education designed to serve persons on and off campus in both credit and noncredit courses is available. Special workshops, institutes, conferences, etc., are scheduled throughout the year and Continuing Education Units can be earned for certain programs when an application is filed and appropriate processing fees are paid.

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## TRIO Student Support Services Program

The 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 the grant guidelines. TRIO participants must be low income and first generation, or low income and have a documented disability. The TRIO Program provides small group or one-on-one tutoring, personal counseling, academic advising, informational workshops, financial literacy training, peer mentoring, and advocacy. Eligibility does not insure program selection.

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## Institutional Support Services

Institutional Support Services provides free tutoring assistance. If a tutor is available, the student will be assigned to a tutoring group. Tutoring groups provide supplemental assistance and review throughout the semester. Institutional Support Services also provides developmental courses for freshman needing review or remediation in English or



math. Developmental courses may be a condition of enrollment for some entering students according to Graceland's Admission requirements.

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## Student Disabilities 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 in order to accommodate the needs of disabled students, the university will provide reasonable academic accommodations.

Students with documented disabilities 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.

The general definition of a student with a disability is any person who has "a physical or mental impairment which substantially limits one or more of such person's activities, and any person who has a history of, or is regarded as having, such an impairment."

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## Graceland University Writing Center

Located on the lower level of the Frederick Madison Smith Library (Rooms 18-19), the Graceland University Writing Center provides a supportive, welcoming environment where students enrolled in all academic programs can work, together with trained tutors, on improving both general writing skills and specific writing assignments. Supported by writing tutors—experienced readers trained to assist at any stage of the writing process—students can learn to become effective writers.

The Graceland University Writing Center offers both face-to-face tutoring (for on-campus students) and online tutoring (for distance learners). Students are encouraged to schedule appointments by calling (641-784-5077), by visiting (lower level, FMS Library, Rooms 18 and 19), by emailing ([writingcenter@graceland.edu](mailto:writingcenter@graceland.edu)) or by clicking (My Graceland>Resources>Writing Center).

For additional information, student writers are invited to visit the Writing Center on [My Graceland](#).

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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 800 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 four year 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.

Students, Faculty, and Staff also have unlimited access to online resources and publications like the New York Times. The library provides access to a number of scholarly research databases serving a variety of programs of study and areas of research.

If library users are unable to find the resources they need either online or at the library, 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.

During the school year complimentary hot cocoa and coffee are available most evenings.

Technology available in the library: 4 Apple iMacs (top floor), 12 Dell Desktops (main floor), 20 Dell Desktops (PCLab 2), and 43 Dell Desktops (PCLab 3), 1 multi-function black and white printer/scanner/copier (main floor), 1 multi-function color printer/scanner/copier (ground floor).

For more information regarding library services and partnerships, please visit <http://library.graceland.edu>.

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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 45 hours per week with additional hours available as requested by students. It is staffed by one professional librarian.

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 CINAHL with full text, Health

Source Nursing Academic, 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.

Twenty-two computers are available to students in the library and learning resource area. 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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## Creative Media Center

The Creative Media Center (CMC), located in the lower level of Zimmermann Hall, is a center for the design and production of printed materials as well as electronic media used by the university community. Services include graphics, web design, publication design, photography and printing.

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## Information Technology Services

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

- Wireless access (see [coverage map](#)) and internet access
- Student email account with OneDrive and other Office 365 features and free Office
- Both black and white and color printing including a \$20 print credit each semester
- Network logon for access to university systems
- Access to My Graceland website
- Access to public computer labs located in the Memorial Student Center, F.M. Smith Library, The Helene Center for the Visual Arts, Resch Science & Technology Hall and the Nursing Arts Building on the Independence Campus.
- Access to online library services
- Campus security including cameras and card access locks

In addition, students staying in residence halls receive the following information services:

- Cable TV connection
- Data network connection for personal computers, which includes access to the Internet. (Peer-to-peer (p2p) sharing software not allowed access to the Internet.)

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## Instructional Technology Services

Instructional Technology Services provides the following services for students:

- Software questions answered on individual or group basis (workshops can be arranged) via InfoCentral.
- Audio/Visual support for hooking up presentation equipment for class presentations.
- Audio/Visual equipment to loan for class projects (Data Projectors, digital camcorders, VHS and DVD players, cassette tape recorders, Portable PA System, etc.)
- Audio/Visual work including video and audio recording, editing, producing and copying.
- For questions please email [infocentral@graceland.edu](mailto:infocentral@graceland.edu) or call ext 5400 or ext 5467.
- More information is available on the [InfoCentral Ninja resources page](#) on My Graceland.

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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 & Procedures](#) section provides information about credit by examination accepted at Graceland.

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# Admissions

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 <http://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.**

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## High School Students

A student seeking admission to Graceland from high school must submit an application ([www.graceland.edu/apply](http://www.graceland.edu/apply)), a high school transcript with at least six semesters of work, and ACT or SAT results. Documents should be sent to the Admissions Office, Graceland University, 1 University Place, Lamoni, Iowa 50140.

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

In order to be considered for acceptance to Graceland, an applicant must be a high school graduate or have a GED high school equivalency certificate/diploma and qualify in two of the following three criteria:

1. Rank in upper 50% of the class.
2. Have a grade point average of 2.50 or above based on a 4.00 system.
3. Have either a minimum composite ACT score of 21 or a minimum combined SAT score of 1060.

Meeting two of the three criteria does not guarantee admission to Graceland University and applicants may be asked to provide additional information to support their application for admission.

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 Basics of English (DEVL1250)
  - 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 both Beginning Algebra (DEVL0900) and Intermediate Algebra (DEVL1200).
  - Exception: student completed 2 years of high school math, one of which was Algebra, receiving a grade of "C" or better.

Developmental courses are designed to ensure students have a good foundation for academic success. Students taking Beginning Algebra, Intermediate Algebra, and Basics of English as a condition of their acceptance are required to achieve a minimum grade of "C". If a student fails to achieve the minimum grade in any of these courses, that course must be repeated until the minimum grade is achieved.

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.

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## Home School Policy

Graceland welcomes applications from home-schooled students. We acknowledge the important contributions that home-schoolers make, both in the classroom and as part of student life. Graceland makes a deliberate effort to accommodate the special circumstances of home-schooled 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 home-schooler 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 home-school 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](#) 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 home-schooled 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.

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## International Students

Applicants from countries outside the United States are considered by the Admissions Office on an individual basis. In order to gain entrance, an applicant must show academic proficiency, financial support, and competency in the English language. A TOEFL score of 550 (paper-based), 213 (computer-based) or 80 (internet-based) is required for applicants whose primary language is not English. 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.

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## Transfer Students

A student seeking admission to Graceland after enrollment at another college must submit to Admissions an application form, a high school transcript, and transcripts from all colleges previously attended. Transcripts must be mailed directly from the school and have the official school seal affixed, or transmitted electronically through any certified vendor. Withholding information concerning previous schools attended could result in termination of enrollment.

Acceptance is based on college/university work rather than high school if a student has attended college/university full time and has accumulated at least 24 semester hours of college-level credit (excluding college preparatory courses). Students with less than 24 hours will be required to meet freshmen requirements and submit official transcripts documenting all college coursework attempted, an official high school transcript, which includes class rank (if available), and ACT/SAT scores. A minimum 2.00 cumulative grade point average on all transfer credit is required for admission to Graceland University.

Applicants who do not meet the required 2.00 cumulative GPA will be considered individually and if accepted will enter Graceland on academic probation.

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 C- or better. However, coursework in which the student has earned a passing grade of less than a C- (D+, D or D-) will be accepted for transfer if the work was included as part of an earned Associates or Bachelor's Degree.

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](#).

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## Articulation Agreements



Graceland's articulation agreements facilitate credit transfer. To view equivalency listings go to the [Transfer Evaluation System \(TES\)](#) 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  
Wentworth Military Academy & College, Lexington, MO  
Western Iowa Tech Community College

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## 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](http://www.graceland.edu/ace)),
- 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. Each term, an Application for Admission/ Tuition Grant for Retired Persons and a \$50.00 administration fee must be submitted.

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.

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## 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](#).

**Admission Requirements for undergraduate nursing programs** can be found at <http://www.graceland.edu/catalog/nursing-undergraduate>.

**Admission Requirements for graduate nursing programs** can be found at <http://www.graceland.edu/grad-catalog/school-of-nursing#MSN>.

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 B.A. degree in Health Care Management and 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.

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## 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 Patroness Hall 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 servicemembers;
- Publicizes alternative admissions procedures available to servicemembers 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 servicemembers; and
- Completes a degree completion plan for all degree-seeking servicemembers.

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

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# Undergraduate Educational Program: Degree Requirements, Majors and Programs

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

## Bachelor of Arts

Accounting

Agricultural Business

Art (Studio or Graphic Design)

Business Administration<sup>2</sup>

Communication

Criminal Justice

Economics

Elementary Education<sup>1</sup>

English

Graphic Design (see Art: Graphic Design)

Health Care Management<sup>2</sup>

Health and Movement Science

History

International Studies

Liberal Studies<sup>1</sup>

Mathematics

Music

Organizational Leadership<sup>2</sup>

Psychology

Social Media Marketing

Sociology

Sport Management

Theatre

Web Design

## Bachelor of Science

Allied Health

Biology

Chemistry

Computer Science and Information Technology

## Bachelor of Science in Nursing

Nursing<sup>1,2</sup>

<sup>1</sup>Independence, Missouri

<sup>2</sup>Online

# Requirements for Baccalaureate 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](#) 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<sup>1</sup>
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<sup>2</sup>
5. A recognized major or equivalent
6. Completion of the prescribed Essential Education Curriculum or, for eligible transfer students, the alternative essential education program<sup>3</sup>.

## **Prescribed Essential Education Curriculum**

**NOTE: No course may meet more than one learning outcome. Any learning outcome may be met through demonstrated competence rather than coursework.**

Demonstrated competence: Other than coursework, there are many ways in which students may demonstrate that they have satisfied the intent of a learning outcome. Common options include internships, portfolios, proficiency exams, work experience, independent studies, performance, and excellent achievement in the area. For more information about demonstrated competence, students should see their advisor.

### **Learning Outcome One: Communication**

Students will be able to communicate effectively, both orally and in writing, demonstrating the information literacy necessary to participate thoughtfully in complex dialogues.

- **(9 s.h.):**
- [ENGL1100](#) Discourse I or [ENGL1120](#) Honors Discourse I 3 s.h.
- [ENGL2100](#) Discourse II or [ENGL2120](#) Honors Discourse II 3 s.h.
- [ENGL3100](#) Discourse III 3 s.h.

### **Learning Outcome Two: Critical Thinking**

Students will be able to make decisions, draw conclusions, and advocate positions through open-minded inquiry. Students will incorporate a process that includes examining diverse and appropriate information from multiple sources, evaluating alternative arguments, and identifying and assessing assumptions that may frame the student's thinking.

- [INTD1100](#) Critical Thinking in the Liberal Arts and Science (3 s.h.)
- This outcome also will be fulfilled by an emphasis on critical thinking across the curriculum with course-embedded assessments.

### **Learning Outcome Three: Ethical Thinking and Action**

Students can articulate their own ethical beliefs and identify ethical issues. Considering diverse ethical perspectives and/or frameworks, students can consider the social dimensions of an issue and outcomes of ethical action, assessing ethical decision-making and action in light of the worth of persons, and/or values of community, justice, and/or the common good.

- 3 s.h. from [list of courses](#) approved for this outcome by the Essential Education Committee

#### **Learning Outcome Four: Global Learning**

Students will be able to use a disciplinary perspective and tools of analysis to articulate an understanding of the interconnections (such as social, economic, political, religious, and environmental) of the world community, along with the global conditions and systems that affect the well-being of human communities and ecosystems. Students will be able to demonstrate the ability to constantly question the source of their cultural assumptions and ethical judgments, leading to the habit of seeing things through the eyes of others.

- 3 s.h. from [list of courses](#) approved for this outcome by the Essential Education Committee

#### **Learning Outcome Five: Knowledge of Human Cultures**

Students will be able to apply knowledge and methodologies from diverse fields (arts, humanities, social science, and histories) to explain, analyze and reflect upon human experiences. This involves the ability to identify patterns in human behaviors and cultures, noting commonalities and differences and the ability to creatively produce works that synthesize these concepts.

- 3 s.h. Arts from [list of courses](#) approved for this outcome by the Essential Education Committee
- 3 s.h. Humanities from [list of courses](#) approved for this outcome by the Essential Education Committee
- 3 s.h. Social Science from [list of courses](#) approved for this outcome by the Essential Education Committee
- 3 s.h. Histories from [list of courses](#) approved for this outcome by the Essential Education Committee

#### **Learning Outcome Six: Knowledge of the Physical and Natural World**

Students will be able to express quantitative ideas using language and appropriate notation in mathematics and natural sciences. Students should demonstrate literacy in both mathematics and natural sciences, by defining terms, by recognizing and by applying concepts, in order to understand the relevance of mathematics and natural sciences to contemporary life.

- 3 s.h. Science from [list of courses](#) approved for this outcome by the Essential Education Committee
- 6 s.h. Math--Two 3 s.h. courses from [list of courses](#) approved for this outcome by the Essential Education Committee

Students may choose to complete all designated coursework in one of the Essential Education themes approved by the Essential Education Committee. The themes are:

- [Sustainability](#)
- [Equality](#)
- [World Citizenship](#)
- [Peace](#)
- [Innovation](#)

A student who completes all course work for one of the Essential Education themes with no substitutions will also receive the following notation on their transcript: "Concentration: Essential Education Curriculum (Name of Theme, e.g. Sustainability) Theme."

#### **Alternative essential education program**

A student transferring to Graceland University, with at least 48 s.h. applicable for transfer, from a regionally accredited 2-year or 4-year college or university with at least a 2.00 cumulative GPA in transferable coursework, must satisfy Graceland University's essential education requirements by successfully completing 8 s.h. in each of the following areas: college composition/speech courses (to include at least 3 s.h. of composition and 3 s.h. of speech), humanities (literature, philosophy, religion, art, music, theatre, and foreign language courses), social sciences, and science/mathematics (to include at least 3 s.h. of college-level mathematics and 3 s.h. of natural science). The transfer student must also meet the following requirement:

1. Discourse III (ENGL3100) or two lower division composition courses with a grade of "B" or better in each course - The Registrar's Office will review transfer work to determine which option a student uses. If it is determined that the two course option satisfies the requirement, a waiver of the upper division course will be

indicated on the student's academic record. Courses used to waive this requirement may also be used toward the 8 s.h. of college composition/speech courses.

### **Essential Education Requirements for B.S.N. Degrees**

Students must complete 8 s.h. in each of the following areas: college composition/speech courses (to include at least 3 s.h. of composition and 3 s.h. of speech, humanities (literature, philosophy, religion, art, music, theatre, and foreign language courses), social sciences, and science/mathematics (to include at least 3 s.h. of college-level mathematics and 3 s.h. of natural science). The student must also meet the following requirement:

1. Discourse III (ENGL3100) or two lower division composition courses with a grade of "B" or better in each course - The Registrar's Office will review transfer work to determine which option a student uses. If it is determined that the two course option satisfies the requirement, a waiver of the upper division course will be indicated on the student's academic record. Courses used to waive this requirement may also be used toward the 8 s.h. of college composition/speech courses.

<sup>1</sup>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 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.

<sup>2</sup>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.

<sup>3</sup>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 essential education program by completion of the earlier degree. Such a candidate would be required to meet the major course and residence requirements only.

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.

# 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.

# Preparing for Graduation

In order to be considered for graduation or to participate in the May commencement convocation without meeting all graduation requirements, an [Application for Graduation](#) must be submitted by May 1 of the planned graduation year. Students who apply after May 1 may not be listed in the commencement program.

Upon receipt of the application, a graduation fee is assessed to the student's account and an official graduation audit is sent to the student and his/her academic advisor.



# 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
  - a. The only ceremony for those earning graduate degrees during the academic year – MEd, MAR, 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.
  - b. 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.
  - c. An optional ceremony for all other baccalaureate graduates during the academic year. [Petitions](#) are required for graduates who anticipate completion of requirements by the end of the spring trimester/semester. [Petitions](#) are considered by the Curricular Adjustment Committee (CAC).
2. Spring Commencement Ceremony - Lamoni, IA
  - a. The ceremony for those earning baccalaureate degrees during the academic year, excluding School of Nursing BA, BAH, BSN and BSNH. [Petitions](#) are required for graduates who want to participate in the ceremony and are not registered for all required courses, but anticipate completion of requirements by the end of the calendar year. [Petitions](#) 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.

# Minors

[Accounting](#)

[Agricultural Business](#)

[Art Studio](#)

[Art: Graphic Design](#)

[Biology](#)

[Business Administration](#)

[Chemistry](#)

[Cinema Studies](#)

[Communication](#)

[Computer Science and Information Technology](#)

[Economics](#)

[English](#)

[History](#)

[International Studies](#)

[Mathematics](#)

[Music](#)

[Political Science](#)

[Psychology](#)

[Religion and Philosophy](#)

[Sociology](#)

[Spanish](#)

[Sport Management](#)

[Theatre](#)

[Web Design](#)

# Certificates

[Business Scholars' Certificate](#)

# 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	<a href="#">Accounting</a>
AGRI	79	<a href="#">Agricultural Business</a>
BUAD	40	<a href="#">Business Administration</a>
BUED	42	Business Education
ECON	41	<a href="#">Economics</a>
ITEC	75	<a href="#">Information Technology</a>
LEAD		Leadership
ORGL		<a href="#">Organizational Leadership</a>
SPMT		<a href="#">Sport Management</a>

## Visual and Performing Arts Division

ARTS	10	<a href="#">Art</a>
	11	Fine Arts - General
MUSC	14	<a href="#">Music</a>
THTR	12	<a href="#">Theatre</a>

## Health and Movement Science Division

ATHT		<a href="#">Athletic Training</a>
HLTH	51	<a href="#">Health</a>

HMSC		Health/Movement Science
HPER	58	Health, PE & Recreation
PHED	54	<a href="#">Physical Education</a>
RECR	55	<a href="#">Recreation</a>
<b>Humanities Division</b>		
COMM		<a href="#">Communication</a>
ENGL	30	<a href="#">English</a>
ENSL	30	<a href="#">English as a Second Language</a>
FREN	32	French
GRMN	33	German
HUMN	70	Humanities
INTC		Interdisciplinary Cluster
JAPN	35	Japanese
MFLG	31	Modern Foreign Language
PHIL	48	<a href="#">Philosophy</a>
RELG	49	<a href="#">Religion</a>
SPAN	34	<a href="#">Spanish</a>
SPCM	38	Speech Communication
<b>Science and Mathematics Division</b>		
BIOL	20	<a href="#">Biology</a>
CHEM	22	<a href="#">Chemistry</a>
CPSC	23	<a href="#">Computer Science</a>
CSIT		<a href="#">Computer Science &amp; Information Technology</a>
MATH	28	<a href="#">Mathematics</a>
PHYS	24	<a href="#">Physics</a>
SCIE	21	<a href="#">Science</a>

**Social Science Division**

ARCH		Archeology
CRMJ	74	<a href="#">Criminal Justice</a>
GEOG	43	<a href="#">Geography</a>
HMSV		Human Services
HIST	47	<a href="#">History</a>
INTD	70	<a href="#">Interdisciplinary</a>
INTL	71	<a href="#">International Studies</a>
PEAC	73	<a href="#">Peace Studies</a>
POLS	44	<a href="#">Political Science</a>
PSYC	52	<a href="#">Psychology</a>
SOCI	45	<a href="#">Sociology</a>
SOCW	46	Social Welfare
SOSC	78	<a href="#">Social Science/Social Studies</a>

**School of Education**

CEED		Continuing Education - Education
EDUC	50	<a href="#">Education</a>

**School of Nursing**

ADST	62	Addiction Studies
HCAD	61	<a href="#">Health Care Administration</a>
NURS	60/NU	<a href="#">Nursing</a>

**General**

CRPL		<a href="#">Career Planning</a>
CTED	81	Continuing Education
DEVL	90	<a href="#">Developmental</a>
GNRL	80	<a href="#">General Elective</a>

GOAL		General Education Goal
LBST	72	<a href="#">Liberal Studies</a>
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

## BA Degree - Accounting Major

In addition to the essential education requirements, majors in Accounting must complete a concentration of 37 semester hours in Accounting, Business, Economics, and Information Technology, including:

- [ACCT2310](#) Financial Accounting 3 s.h.
- [ACCT2320](#) Managerial 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.
- [BUAD3340](#) Business Law 3 s.h.
- [BUAD3380](#) Principles of Business Finance 3 s.h.
- [ECON1300](#) Principles of Macroeconomics 3 s.h.
- [ECON1320](#) Principles of Microeconomics 3 s.h.
- [CSIT3500](#) Management of Information Systems 3 s.h.

One of the following: [ACCT3320](#) or [ACCT4120](#), or faculty approved employment in an accounting-related position. 1 s.h.

An Accounting major must also complete:

- [BUAD1420](#) Math for Decision Making **or**  
[MATH1510](#) Calculus I 3 s.h.
- [MATH1380](#) Introduction to Statistics 3 s.h.

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

## Accounting Minor

A minor in Accounting consists of 18 semester hours or more in Accounting including: [ACCT2310](#), [ACCT2320](#), and [ACCT3360](#).

## Courses in Accounting

**[ACCT2000](#) Individual Study 1-3 s.h.**

**[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.**

**+ ACCT3200 Governmental and Nonprofit Accounting 3 s.h.**

A study of accounting and financial reporting principles for state and local governments, hospitals, colleges and universities, and other nonprofit entities. Prerequisite: ACCT2310 Financial Accounting.

**ACCT3310 Tax Accounting 3 s.h.**

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

**ACCT3320 VITA: Volunteer Income Tax Assistance 1 s.h.**

Students will be trained to provide free tax assistance to non-resident alien students who may desire assistance with their U.S. tax forms. Tax preparation workshops are held. May be repeated once for credit. Prerequisite: ACCT3310

**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 firm's strategic plan. Prerequisite: ACCT2320 and MATH1380.

**+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.**

**ACCT4100 Auditing 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).

**+ACCT4360 Advanced Accounting 3 s.h.**

A study of topics including partnership, corporate liquidation, foreign currency transactions, business combinations and stock investments. Prerequisite: ACCT3360.

+ Denotes an alternate year course.

Support Courses for Accounting Major

**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.

**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, and MATH1380.

**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. Prerequisite: CSIT1010 or CSIT1040 or CSIT1100.

**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

**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

**MATH1380 Introduction to Statistics 3 s.h.**

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. Elementary ANOVA. Introduction to nonparametric techniques. Prerequisite: 1 year high school algebra. Goal 3A, ELO6 Math

**MATH1510 Calculus I 3 s.h.**

Limits, continuity, derivative, mean-value theorem, simple integration, fundamental theorem of calculus. Prerequisite: 2 years high school algebra. Goal 3A, ELO6 Math

# Agricultural Business

## BA Degree - Agricultural Business Major

In addition to the essential education requirements, majors in Agricultural Business must complete a concentration of 42 semester hours in Accounting, Agriculture, Business, Economics, and Mathematics including:

- [AGRI1200](#) Sustainable International Agriculture 3 s.h.
- [AGRI2100](#) Agricultural Management and Markets 3 s.h.
- [AGRI3100](#) Agricultural Finance and Resource Allocation 3 s.h.
- [AGRI3200](#) Agricultural Accounting and Taxation 3 s.h.
- [AGRI4700](#) Agricultural Business Practicum 3 s.h.
- [ACCT2310](#) Financial Accounting 3 s.h.
- [BUAD3330](#) Principles of Marketing 3 s.h.
- [BUAD3340](#) Business Law 3 s.h.
- [ECON1300](#) Principles of Macroeconomics 3 s.h.
- [ECON1320](#) Principles of Microeconomics 3 s.h.

Electives in Accounting, Agriculture, Business, or Economics 6 s.h.

- An Agricultural Business major must also complete:
- [BUAD1420](#) Math for Decision Making **or**  
[MATH1510](#) Calculus I 3 s.h.
- [MATH1380](#) Introduction to Statistics 3 s.h.

## Agricultural Business Minor

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

- [AGRI1200](#) Sustainable International Agriculture 3 s.h.
- [AGRI2100](#) Agricultural Management and Markets 3 s.h.
- [AGRI3100](#) Agricultural Finance and Resource Allocation 3 s.h.
- [AGRI3200](#) Agricultural Accounting and Taxation 3 s.h.
- [ECON1320](#) Principles of Microeconomics 3 s.h.
- [ACCT2310](#) Financial Accounting 3 s.h.

## Courses in Agricultural Business

### **[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.

**AGRI3200 Agricultural Accounting and Taxation 3 s.h.**

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

**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.

Support Courses for Agricultural Business Major or Minor

**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.

**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.

**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.

**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.

**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

**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

**MATH1380 Introduction to Statistics 3 s.h.**

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. Elementary ANOVA. Introduction to nonparametric techniques.

Prerequisite: 1 year high school algebra. Goal 3A, ELO6 Math

**MATH1510 Calculus I 3 s.h.**

Limits, continuity, derivative, mean-value theorem, simple integration, fundamental theorem of calculus. Prerequisite:

2 years high school algebra. Goal 3A, ELO6 Math

# Allied Health

## BS Degree - Allied Health Major

In addition to the essential education requirements, majors in Allied Health must complete the following requirements:

- [ATHT3100](#) Prevention and Care of Athletic Injuries 3 s.h.
- [BIOL2100](#) Fundamentals of Cell Biology and Genetics 4 s.h.
- [BIOL2560](#) Nutrition 3 s.h.
- [BIOL3420](#) Human Anatomy 4 s.h. and [BIOL3440](#) Human Physiology 4 s.h.
- [CHEM1330](#) Intro to General, Organic, and Biochemistry 3 s.h.
- [HMSC4900](#) Research I 2 s.h.
- [HMSC4910](#) Research II 1 s.h.
- [PHED1200](#) Motor Learning 2 s.h.
- [PHED1240](#) Introduction to Movement Science 2 s.h.
- [PHED1260](#) Movement Science II 2 s.h.
- [PHED2260](#) Introduction to Performance Training 2 s.h.
- [PHED2720](#) Physical Training Practicum I 1 s.h.
- [PHED3340](#) Biomechanics 3 s.h.
- [PHED3720](#) Physical Training Practicum II 1 s.h.
- [PHED4360](#) Physiology of Exercise 3 s.h.
- [PHED4500](#) Performance Enhancement Programming 3 s.h.
- [PHED4800](#) Fitness and Wellness Internship 3 s.h.
- [PHYS1410](#) Elements of Physics I 4 s.h.
- [PSYC1300](#) Introductory Psychology 3 s.h.
- [PSYC3310](#) Social Psychology 3 s.h.

Recommended courses:

- [PHED3120](#) Speed, Agility, and Endurance 2 s.h.
- [PHED/PSYC3130](#) Sports Psychology 3 s.h.
- [PHED3410](#) Theory of Coaching 1 s.h.
- [PHED3420](#) Practicum of Coaching 2 s.h.
- [PHED4720](#) Physical Training Practicum III 1 s.h.
- [PHED4730](#) Advanced Topics in Strength and Conditioning 2 s.h.
- [PHYS1420](#) Elements of Physics II 4 s.h.
- [PSYC2250](#) Developmental Psychology 3 s.h.
- [PSYC3390](#) Cognitive Psychology 3 s.h.
- [RECR3400](#) The Program Process: Principle and Application 3 s.h.

Courses for Allied Health Major

### **[ATHT3100](#) Prevention and Care of Athletic Injuries 3 s.h.**

Techniques of injury prevention and caring for athletic injuries.

### **[BIOL2100](#) Fundamentals of Cell Biology and Genetics (3-2) 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 or CHEM3410 (C or better strongly recommended). Goal 1A

**BIOL2560 Nutrition 3 s.h.**

Study of the principles upon which the science of nutrition is based and the analysis of the principles of nutrition as related to health and disease. Goal 1A

**BIOL3420 Human Anatomy (3-2) 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: BIOL1400 or BIOL2100. Goal 1A

**BIOL3440 Human Physiology (3-2) 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. Goal 1A

**CHEM1330 Introduction to General, Organic, and Biochemistry 3 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 fundamentals of cell biology and genetics course. Course will not count for credit in the Chemistry and/or Biology majors or minors. Prerequisite: MATH1280 or one year of high school algebra (C or better strongly recommended). Goal 1A

**HMSC4900 Research I 2 s.h.**

The development of a research project with current issues and trends in health and movement science. Research methods will be presented. Students will be required to select a topic and a review of related literature. Prerequisite: Health and Movement Science majors with junior standing.

**HMSC4910 Research II 1 s.h.**

The design, implementation, analysis and presentation of results of the research project developed in HMSC4900 Senior Seminar I. Prerequisite: HMSC4900.

**PHED1200 Motor Learning 2 s.h.**

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

**PHED1240 Introduction to Movement Science 2 s.h.**

The emphasis will be on the development of ideal fundamental movement patterns primarily focused on the upper body and core developed through the principles of progression, variety and precision. We will emphasize the understanding and application of efficient progressions to simultaneously assess, reverse, and reduce injury by improving tissue health. We will accomplish this by asking why through the use of a comprehensive self assessment of proper mobility, ideal muscle balances, and functional movement patterns, and through the use of these assessments we will become skilled at preventative protocols, to arrest, reduce and eliminate unhealthy environments in our soft tissue with the ultimate goal to develop ideal fundamental movement patterns.

**PHED1260 Movement Science II I 2 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: PHED1240 Introduction to Movement Science.

**PHED2260 Introduction to Performance Training 2 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: PHED1260 Movement Science II.

### **PHED2720 Physical Training Practicum I 1 s.h.**

This practicum is designed to allow students to apply appropriate postural and functional movement screening to various populations. In addition, students will continue to incorporate and master skills learned in previous core coursework. Practical experience outside the scheduled classroom will be required. Additional fee required. Prerequisites: CEPE Major, PHED1200, 1230, 1250 with a "C" or better, and sophomore standing. Must pass with "C" or better.

### **PHED3120 Speed, Agility and Endurance 2 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.

### **PHED3340 Biomechanics 3 s.h.**

A systematic study of the bones, joints, and muscles of the human body as well as internal external forces initiating and modifying movement. Prerequisite: BIOL2300 must show grade of "C" or higher. Goal 10 (Goal 10 Catalog 0809+)

### **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.

### **PHED3410 Theory of Coaching 1 s.h.**

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

### **PHED3420 Practicum in Coaching 2 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.

### **PHED3720 Physical Training Practicum II 1 s.h.**

This practicum is designed to allow students to apply appropriate corrective exercises to various populations. In addition, students will continue to incorporate and master skills learned in previous core coursework. Practical experience outside the scheduled classroom will be required. Prerequisites: CEPE Major, PHED2720, 2250 with a "C" or better, and junior standing. Must pass with "C" or better.

### **PHED4360 Physiology of Exercise 3 s.h.**

The principles and practices of energizing the human body for physical exercise. Prerequisite: BIOL2300 must show grade of "C" or better.

### **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: PHED1240 and PHED2260 and PHED3120, or ATHT4260 with a "C" or better. Goal 4ab

### **PHED4720 Physical Training Practicum III 1 s.h.**

This capstone practicum is designed to allow students to design 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. Practical experience outside the scheduled classroom will be required. Additional fee required. Prerequisites: CEPE Major, PHED3120, 3720 with a "C" or better. Pre- or Corequisite: PHED4500. Must pass with "C" or better.

### **PHED4730 Advanced Topics in Strength and Conditioning 2 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.



**PHED4800 Fitness and Wellness Internship 3 s.h.**

Student will acquire experience with qualified personnel in a selected agency. Six weeks of involvement preferably taken consecutively. Repeatable to a maximum of six hours.

**PHYS1410 Elements of Physics I (3-2) 4 s.h.**

An elementary physics course emphasizing the fundamental concepts associated with the physical universe. Topics include Newtonian mechanics, fluids, heat thermodynamics, wavemotion, 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 (3-2) 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

**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. Prerequisite: PSYC1300. Goal 1C

**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

**+ 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

**+ RECR3400 The Program Process: Principle and Application 3 s.h.**

Explores the purpose and functions of programs, planning, principles, objectives, organizational behavior, and evaluation. Translation of program theory into practical situations. Opportunity to explore and experiment with programs through 25-hour laboratory exercise.



# Art

## BA Degree — Art: Studio Major

In addition to the essential education requirements, majors in Studio Art must complete 51 semester hours as prescribed below:

- [ARTS1210](#) 2-D Design 3 s.h.
- [ARTS1220](#) 3-D Design 3 s.h.
- [ARTS1230](#) Drawing 3 s.h.
- [ARTS1680](#) Computer Graphics for Art & Design 3 s.h.
- [ARTS2220](#) Advanced Drawing 3 s.h.
- [ARTS2240](#) Art and Social Practice 3 s.h.
- [ARTS2250](#) Painting 3 s.h.
- [ARTS2300](#) Art History Survey: Ancient to Medieval 3 s.h.
- [ARTS2310](#) Art History Survey: Renaissance to Modern 3 s.h.
- [ARTS2600](#) Professional Practices 3 s.h.
- [ARTS3100](#) Modern to Contemporary Art History 3 s.h.
- [ARTS3200](#) The Printed Image 3 s.h.
- [ARTS3240](#) Eco Art & Ceramics 3 s.h.
- [ARTS3260](#) Experimental Media and Processes 3 s.h.
- [ARTS3280](#) Sculpture 3 s.h.
- [ARTS3840](#) Interdisciplinary Studio 3 s.h.
- [ARTS4700](#) Senior Exhibition 3 s.h.

## BA Degree — Art: Graphic Design Major

In addition to the essential education requirements, majors in Art: Graphic Design must complete 51 semester hours as prescribed below:

- [ARTS1210](#) 2-D Design 3 s.h.
- [ARTS1230](#) Drawing 3 s.h.
- [ARTS1680](#) Computer Graphics for Art & Design 3 s.h.
- [ARTS1710](#) Introduction to Graphic Design 3 s.h.
- [ARTS2250](#) Painting **or**  
    [ARTS3200](#) The Printed Image 3 s.h.
- [ARTS2390](#) History of Graphic Design 3 s.h.
- [ARTS2600](#) Professional Practices 3 s.h.
- [ARTS3100](#) Modern to Contemporary Art History 3 s.h.
- [ARTS3620](#) Illustration and Imaging 3 s.h.
- [ARTS3630](#) Systems in Design 3 s.h.
- [ARTS3640](#) Interactive Design 3 s.h.
- [ARTS3820](#) Portfolio Development 3 s.h.
- [ARTS4450](#) Graphic Design Internship 3 s.h.
- [ARTS4700](#) Senior Exhibition 3 s.h.
- [COMM2300](#) Introduction to Media Technologies **or**  
    [COMM2500](#) Introduction to Mass Media 3 s.h.
- [COMM3140](#) Campaigns and Theories of Persuasion 3 s.h.

- [CSIT1060](#) Introduction to Web Programming 3 s.h.

## Art: Studio Minor

In addition to the essential education requirements, minors in Art: Studio must complete 21 semester hours as prescribed below:

- [ARTS1210](#) 2-D Design 3 s.h.
  - [ARTS1220](#) 3-D Design 3 s.h.
  - [ARTS1230](#) Drawing 3 s.h.
  - [ARTS2240](#) Art and Social Practice 3 s.h.
  - [ARTS2300](#) Art History: Ancient to Medieval 3 s.h.
  - [ARTS2310](#) Art History: Renaissance to Modern 3 s.h.
  - Studio Course 3 s.h.
- \*Choose from [ARTS2250](#) Painting, [ARTS3200](#) Printed Image, [ARTS3240](#) Eco Art & Ceramics, [ARTS3260](#) Experimental Media and Process, or [ARTS3280](#) Sculpture.

## Art: Graphic Design Minor

In addition to the essential education requirements, minors in Art: Graphic Design must complete 21 semester hours as prescribed below:

- [ARTS1210](#) 2-D Design 3 s.h.
- [ARTS1680](#) Computer Graphics for Art & Design 3 s.h.
- [ARTS1710](#) Introduction to Graphic Design 3 s.h.
- [ARTS2390](#) History of Graphic Design 3 s.h.
- [ARTS3630](#) Systems in Design 3 s.h.
- [COMM2300](#) Introduction to Media Technologies **or**  
[COMM2500](#) Introduction to Mass Media 3 s.h.
- [COMM3140](#) Campaigns and Theories of Persuasion 3 s.h.

## 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](#) 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](#) 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](#) (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 with ARTS4350 Art for the Secondary School as the appropriate methods course, and the following courses:

[ARTS1210](#) 2-D Design 3 s.h.

[ARTS1220](#) 3-D Design 3 s.h.

[ARTS1230](#) Drawing 3 s.h.

[ARTS2300](#) Art History Survey: Ancient to Medieval **or**

[ARTS2310](#) Art History Survey: Renaissance to Modern 3 s.h.

[ARTS3100](#) Modern to Contemporary Art History 3 s.h.

Studio Courses 9 s.h.

\*Choose from [ARTS2250](#) Painting, [ARTS2900](#) Topics in Art, [ARTS3200](#) Printed Image, [ARTS3240](#) Eco Art & Ceramics, [ARTS3260](#) Experimental Media and Processes, or [ARTS3280](#) Sculpture.

## Courses in Art

### **[ARTS1210](#) 2-D Design 3 s.h.**

Introduction to the visual arts which explores the elements of art and principles of 2-D design while focusing on creativity, idea development, formal criticism, and the understanding of visual language. Through the use of various media, tools, materials, and processes, emphasis will be placed on comprehending contemporary art, non-literal visual problem solving and presentation. Additional fee required. Goal 2A, ELO5 Arts - Innovation

### **[ARTS1220](#) 3-D Design**

Introduction to the principles of composition in three-dimensional space. Coordinated sequence of studio projects investigates the problems of spatial organization and focuses on creativity, idea development, formal criticism, and the understanding of visual language. Through the use of various media, tools, materials, and processes, emphasis will be placed on comprehending contemporary art, visual problem solving and presentation. Additional fee required. Goal 2A

### **[ARTS1230](#) Drawing 3 s.h.**

This introductory course considers drawing as a form of communication and a sustaining practice. Through the use of 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. Additional fee required. Goal 2A, ELO5 Arts - Sustainability

### **[ARTS1250](#) Creativity, Innovation & Change 3 s.h.**

In a playground of creative thinking and discovery, students will learn and apply the process of design thinking – ideation, visualization, production and refinement to solve problems. Through hands-on exercises and interactive discussions and experiences, students will develop an understanding of the language of the visual arts, the development and function of art and innovation, and the creative process. Goal 2A, ELO5 Arts - Innovation

### **[ARTS1680](#) Computer Graphics for Art & Design 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. Additional fee required. Goal 2A

### **[ARTS1710](#) Introduction to Graphic Design 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. Goal 2A

### **[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 Goal 2A 1-3 s.h.**

#### **+ 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.

#### **ARTS2240 Art and Social Practice 3 s.h.**

Introduces an interdisciplinary approach to understand and produce social practice art projects with an emphasis on engaging community in social and public spaces. Focus is on being able to use creative acts as a force for social change. Goal 2A, ELO5 Arts - World Citizenship

#### **+ ARTS2250 Painting 3 s.h.**

A studio experience which presents the fundamental principles and techniques of painting and color theory. Additional fee required. Prerequisites: ARTS1210 and ARTS1230.

#### **ARTS2300 Art History Survey: Ancient to Medieval 3 s.h.**

Chronological, cultural and historical study of the visual arts from Paleolithic through Gothic periods in major Western and non-western civilizations. Focus is on the development and sustaining of cultural identity, preservation and cultivation of sustaining culture through storytelling and the birth of Land Art. Goal 4, ELO5 Arts - Sustainability

#### **ARTS2310 Art History Survey: Renaissance to Modern 3 s.h.**

Chronological, cultural and historical study of the visual arts, technology and innovations from Renaissance through Modern periods in major Western and non-western civilizations. Goal 4, ELO5 Arts - Innovation

#### **+ ARTS2390 History of Graphic Design 3 s.h.**

A study of the major developments, movements and styles, and artists associated with the history of Graphic Design. ELO5 Arts - Equality

#### **+ ARTS2400 Ethics, Politics, and Controversy in Art 3 s.h.**

An introduction to ethical concerns and considerations inherent in the arts. The course examines relevant issues involved with funding for the arts, economy of global art markets, censorship, the environment, ownership, and preservation. The course fosters deeper understanding of the ways in which art profoundly affects the individual, the society, and the culture. Goal 3E, ELO5 Arts - Peace

#### **+ 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.

#### **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.**

#### **ARTS3100 Modern to Contemporary Art History 3 s.h.**

Cultural, social and historical study of the visual arts from the late 19th century to the present. Examines influences of privilege and inequality on the development of major artists, styles and movements from a global perspective. ELO5 Arts - Equality

#### **+ ARTS3200 The Printed Image 3 s.h.**

This introductory printmaking/image making studio course is steeped in the tradition of innovation through

technology, and the power it has through its use of media, information sharing and protest. Students are introduced to non-toxic relief, intaglio-type, monotype, silkscreen, and multiple image making through contemporary applications of print media. Additional 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. Additional fee required.

**+ 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.

**+ ARTS3280 Sculpture 3 s.h.**

Investigation of traditional and non-traditional 3-D media, processes and techniques which may include modeling, casting, carving, assemblage, construction, and installation. Addresses sculptural concepts of three-dimensional form and content, and safe tool usage. Additional fee required. Prerequisite: ARTS1220.

**+ 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.

**+ 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 Systems in Design 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.

**+ ARTS3840 Interdisciplinary Studio 3.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. Additional fee required. Prerequisite: ARTS1210 and ARTS1220.

**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. Prerequisites may apply. Goal 2A

**ARTS4000 Individual Study 1-3 s.h.**

**ARTS4100 Systems Development Project 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

**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.**

Senior capstone experience that focuses on the planning and completion of pieces for a public exhibition. The exhibit presentation must be appropriate for the medium and include publicity and a launch. All students will give a professional presentation, assemble a portfolio and personal website, and complete an exit interview. Prerequisite: Approval of instructor.

+ Denotes an alternate year course.

Support Courses for Art Majors or Minors

**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.

**COMM2500 Introduction to Mass Media (Also ENGL2500) 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.

**COMM3140 Campaigns and Theories of 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.

**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.

**\*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.)

# Athletic Training

## Courses in Athletic Training

Lecture hours - lab hours are noted following the titles of courses that have labs.

### **Athletic Training Clinical Experience 1 s.h.**

Field experience providing practical application of knowledge and skills in a professional setting. Students will function under the supervision of a NATABOC certified athletic trainer or other health care provider. Up to 12 s.h. of clinical experience allowed toward total hours for graduation. Prerequisite: Accepted to the Professional Portion of the Athletic Training majors. Specific courses for each level noted:

- **ATHT2710 Prevention and Health Promotion**  
Prerequisite: ATHT1400, HLTH/PHED1300.
- **ATHT2720 Protective Equipment**  
Prerequisite: ATHT1400, ATHT3100.
- **ATHT2730 Emergency Care and Management**  
Prerequisite: ATHT1500, ATHT3100.
- **ATHT3710 General Medical Conditions**  
Prerequisite: ATHT3200/3210.
- **ATHT3720 Psychosocial Conditions**  
Prerequisite: ATHT3200/3210.
- **ATHT4710 Clinical Assessment and Care**  
Prerequisite: ATHT4200/4210, ATHT4220/4230, ATHT4240/4250, ATHT4260/4270.
- **ATHT4720 Healthcare Administration**  
Prerequisite: ATHT1400, ATHT1500. Corequisite: HMSC4330.
- **ATHT4730 Capstone**  
Prerequisite: ATHT4200/4210, ATHT4220/4230, ATHT4240/4250, ATHT4260/4270. Corequisite: ATHT2710/2720/2730/3710/3720/4710/4720. Additional fee required.

### **ATHT1400 Introduction to Athletic Training 3 s.h.**

Focuses on the profession of athletic training. Includes study of basic skills and expectations as well as professional organizations and education requirements. Additional fee required.

### **ATHT2100 Acute Care and Management 3 s.h.**

Knowledge and skills associated with the recognition, evaluation, and immediate management of acute

injuries and illnesses. Includes emergency cardiac care (ECC) training. Additional fee required.

**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.

**ATHT3110 KinesioTaping® 1 s.h.**

Instruction in KinesioTaping theory and techniques along with guided practice in applying the modality.

Successful completion of the course will serve as eligibility to take the KTA exam. Additional fee required.

Prerequisites: Anatomy and physiology (BIOL2300 or BIOL3420 and BIOL3440) and athletic training major accepted to the professional phase of the major.

**ATHT3200 Medical Aspects of Athletic Training 3 s.h.**

Focuses on the recognition and appropriate care and referral of general medical conditions, illnesses, and disabilities of the physically active, related pharmacological applications, including regulations, and appropriate medical documentation. Prerequisites: Accepted to the Professional Portion of the Athletic Training major, ATHT3100, BIOL1400; CO: ATHT3210.

**ATHT3210 Medical Aspects of Athletic Training Lab (0-2) 1 s.h.**

A closely supervised laboratory class providing an opportunity for practice and mastery of the psychomotor skills and integration of the cognitive concepts associated with general medical concepts, pharmacology, and related documentation. Prerequisites: Accepted to the Professional Portion of the Athletic Training major, CO: ATHT3200.

**ATHT4200 Evaluation of Lower Body 2 s.h.**

Focuses on the assessment and evaluation of injuries to the lower extremity, determination of appropriate care and referral to other health care providers. Includes review of musculoskeletal anatomy, an organized system of evaluation, special testing, and associated medical documentation. Prerequisites: Accepted to Professional Portion of Athletic Training major, ATHT3100, BIOL3420; CO: ATHT4210.

**ATHT4210 Evaluation of Lower Body Lab (0-2) 1 s.h.**

A closely supervised laboratory class providing an opportunity for practice and mastery of the psychomotor skills and integration of the cognitive concepts associated with evaluating injuries and conditions of the lower body. Prerequisites: Accepted to the Professional Portion of the Athletic Training major, CO: ATHT4200.

**ATHT4220 Evaluation of Upper Body 2 s.h.**

Focuses on the assessment and evaluation of injuries to the trunk and upper extremity, determination of appropriate care and referral to other health care providers. Includes review of musculoskeletal anatomy, an organized system of evaluation, special testing, and associated medical documentation. Prerequisites: Accepted to Professional Portion of the Athletic Training major, ATHT3100, BIOL3420; CO: ATHT4230.

**ATHT4230 Evaluation of Upper Body Lab (0-2) 1 s.h.**

A closely supervised laboratory class providing an opportunity for practice and mastery of the psychomotor



skills and integration of the cognitive concepts associated with evaluating injuries and conditions of the trunk and upper extremity. Prerequisites: Accepted to the Professional Portion of the Athletic Training major, CO: ATHT4220.

**ATHT4240 Therapeutic Modalities 2 s.h.**

Focuses on planning, implementing, documenting, and evaluating treatment plans involving therapeutic modalities. Prerequisites: Accepted to the Professional Portion of the Athletic Training major, CO: ATHT4240.

**ATHT4250 Therapeutic Modalities Lab (0-2) 1 s.h.**

A closely supervised laboratory class providing an opportunity for practice and mastery of the psychomotor skills and integration of the cognitive concepts associated with planning, implementing, documenting, and evaluating treatment plans involving therapeutic modalities. Prerequisites: Accepted to the Professional Portion of the Athletic Training major, CO: ATHT4240.

**ATHT4260 Therapeutic Exercise and Rehabilitation 2 s.h.**

Focuses on mechanical principles and physiological responses to the application of therapeutic exercises to humans. Includes tissue healing and response, common surgical techniques, setting therapeutic goals, and principles for the application of contemporary therapeutic exercises and equipment. Prerequisites: Accepted to Professional Portion of the Athletic Training major, ATHT3100, CO: ATHT4270.

**ATHT4270 Therapeutic Exercise and Rehabilitation Lab (0-2) 1 s.h.**

A closely supervised laboratory class providing an opportunity for practice and mastery of the psychomotor skills and integration of the cognitive concepts associated with planning, implementing, documenting, and evaluating therapeutic exercise programs. Prerequisites: Accepted to the Professional Portion of the Athletic Training major, CO: ATHT4260.

**ATHT4300 Graston Module I: Instrument Assisted Soft Tissue Mobilization 1 s.h.**

This course is designed for students wishing to pursue Graston Technique certification. Students will undergo no less than 12 hours of hands-on Module One GT training including, but not limited to, the introduction of instrument assisted soft tissue mobilization, GT theory, and basic GT instrumentation on the upper and lower extremities. Upon completion of this course students will receive a GT certificate of completion. Official certification can then be obtained through GT upon verification of BOC certification. Additional fee required. Prerequisites: Senior standing in the Athletic Training major and in final semester of undergraduate education.

# Biology

## BS Degree - Biology Major

In addition to the essential education requirements, students majoring in Biology must complete 51-54 semester hours in Biology and related sciences.

### Core Courses - 14 s.h.

- [BIOL1500](#) Fundamentals of Ecology and Evolution 3 s.h.
- [BIOL1520](#) Fundamentals of Organismal Biology 4 s.h.
- [BIOL2100](#) Fundamentals of Cell Biology and Genetics 4 s.h.
- [BIOL4110](#) Biology Seminar 1 s.h.
- [BIOL/CHEM4120](#) Research I 1 s.h.
- [BIOL/CHEM4130](#) Research II 1 s.h.

### Choose four of the following courses in at least two areas - 13-16 s.h.

#### Area 1:

- [BIOL2360](#) Microbiology 4 s.h.
- [BIOL2430](#) Animal Biology 4 s.h.
- [BIOL2440](#) Plant Biology 4 s.h.
- [BIOL3400](#) Ecology and Conservation Biology 3 s.h. and [BIOL3401](#) Ecology and Conservation Biology Lab 1 s.h.

#### Area 2:

- [BIOL3310](#) Fundamentals of Molecular Genetics 4 s.h.
- [BIOL3500](#) Applied Pharmacology 3 s.h.
- [BIOL/CHEM4310](#) Biochemistry 4 s.h.
- [BIOL4450](#) Cell Biology 4 s.h.
- [BIOL4460](#) Cancer Biology 3 s.h.

#### Area 3:

- [BIOL3420](#) Human Anatomy 4 s.h.
- [BIOL3440](#) Human Physiology 4 s.h.
- [BIOL4400](#) Immunology 3 s.h.

### Other Required Courses - 24 s.h.

- [CHEM1430/1431](#) Principles of Chemistry I with lab 4 s.h.
- [CHEM1440/1441](#) Principles of Chemistry II with lab 4 s.h.
- [CHEM3410/3411](#) Organic Chemistry I with lab 4 s.h.
- [CHEM3420/3421](#) Organic Chemistry II 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.

**The following courses are strongly recommended for any student planning to attend professional school (medical, dental, pharmacy, veterinary, etc.)**

- [ATHT2500](#) Medical Terminology 2 s.h.
- [BIOL2360](#) Microbiology 4 s.h.
- [BIOL3120](#) Internship in Biological Sciences 1-3 s.h.

- [BIOL3310](#) Fundamentals of Molecular Genetics 4 s.h.
- [BIOL3420](#) Human Anatomy 4 s.h.
- [BIOL3440](#) Human Physiology 4 s.h.
- [BIOL3500](#) Applied Pharmacology 3 s.h.
- [BIOL/CHEM4310](#) Biochemistry 4 s.h.
- [BIOL4450](#) Cell Biology 4 s.h.
- [MATH1380](#) Introduction to Statistics 3 s.h.
- [MATH1510](#) Calculus I 3 s.h.

**The following courses are strongly recommended for any student planning to attend graduate school in biology (or any related field).**

- [BIOL3120](#) Internship in Biological Sciences 1-3 s.h.
- 3 BIOL electives 9-12 s.h. (depending on field of interest)
- [MATH1380](#) Introduction to Statistics 3 s.h.
- [MATH1510](#) Calculus I 3 s.h.

## Biology Minor

A minor in Biology consists of 18 semester hours or more, including [BIOL1500](#), [BIOL1520](#), [BIOL2100](#) and BIOL electives.

## Neuroscience Concentration

- [BIOL2100](#) Fundamentals of Cell Biology and Genetics 4 s.h.
- [BIOL3440](#) Human Physiology\* 4 s.h.
- [BIOL3500](#) Applied Pharmacology 3 s.h. **or**  
[BIOL4450](#) Cell Biology 4 s.h.
- [CHEM1330](#) Introduction to General, Organic, and Biochemistry 3 s.h. **or**  
[CHEM3410](#) Organic Chemistry I 3 s.h.
- [PSYC1300](#) Introductory Psychology 3 s.h.
- [PSYC3330](#) Biopsychology 3 s.h.
- [PSYC3390](#) Cognitive Psychology 3 s.h.
- [PSYC3500](#) Principles of Learning 3 s.h. **or**  
[PSYC3900C](#) Topics: Animal Models in Psychopathology 3 s.h.
- [BIOL/PSYC2400](#) Frontiers in Neuroscience 1 s.h.
- Capstone Research 2-3 s.h.  
[BIOL/CHEM4120](#) Research I 1 s.h. and [BIOL/CHEM4130](#) Research II 1 s.h. **or**  
[PSYC3520](#) Research Methods Two 3 s.h.

\*For Psychology majors the prerequisite of [BIOL3420](#) Human Anatomy will be waived in lieu of [BIOL2300](#) Anatomy and Physiology I.

## 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](#) (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](#) (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](#) Fundamentals of Microbiology 4 s.h.  
[BIOL2430](#) Animal Biology 4 s.h.  
[BIOL2440](#) Plant Biology 4 s.h.  
[BIOL3400](#) Ecology and Conservation Biology 3 s.h. and [BIOL3401](#) Ecology and Conservation Biology Lab 1 s.h.  
[BIOL3420](#) Human Anatomy 4 s.h.  
[BIOL3440](#) Human Physiology 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](#) (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](#) Fundamentals of Ecology and Evolution 3 s.h.  
[BIOL1520](#) Fundamentals of Organismal Biology 4 s.h.  
[BIOL2100](#) Fundamentals of Cell Biology and Genetics 4 s.h.  
 Choose one of the following BIOL courses:  
[BIOL2360](#) Microbiology 4 s.h.  
[BIOL2430](#) Animal Biology 4 s.h.  
[BIOL2440](#) Plant Biology 4 s.h.  
[BIOL3400](#) Ecology and Conservation Biology 3 s.h. and [BIOL3401](#) Ecology and Conservation Biology Lab 1 s.h.

## Courses in Biological Sciences

Lecture hours-lab hours are noted following the titles of courses that have labs.

### **[BIOL1100](#) Introduction to Sustainability 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

### **[BIOL1260](#) Environmental Biology (3-0) 3 s.h.**

An exploration of the environment, including the normal structure and functioning of ecosystems and the human impact on these ecosystems. Current environmental issues, such as human population growth, air and water pollution, climate change, loss of biodiversity, and ecosystem degradation, will be considered. Goal 1A, ELO6 Science - Peace

### **[BIOL1400](#) Unity of Life (3-0) 3 s.h.**

A study of the key characteristics of life that unite all living organisms, including humans. Emphasis will be placed on comparing how humans and other organisms fulfill basic life needs. Will not count for credit in the Biology major or minor. Goal 1A, ELO6 Science - Equality

### **[BIOL1500](#) Fundamentals of Ecology and Evolution 3 s.h.**

A study of the diversity of life, focusing on the evolutionary processes that shape life and the ecological interactions among organisms and their physical environments. Goal 1A

**BIOL1520 Fundamentals of Organismal Biology (3-2) 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. Additional fee required. Goal 1A

**BIOL2000 Individual Study Goal 1A 1-3 s.h.**

**BIOL2100 Fundamentals of Cell Biology and Genetics (3-2) 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 or CHEM3410 (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 instructor's consent.

**BIOL2360 Microbiology (3-2) 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: CHEM1330 or 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 (3-2) 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: BIOL1400 or BIOL1520. Goal 1A

**BIOL2440 Plant Biology (3-2) 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: BIOL1400 or BIOL1520. Goal 1A

**BIOL2560 Nutrition 3 s.h.**

Study of the principles upon which the science of nutrition is based and the analysis of the principles of nutrition as related to health and disease. Goal 1A

**BIOL2580 Drug Development and Society 3 s.h.**

An exploration of drug discovery, development, and delivery from the medicinal herbs of the Middle Ages through the present day pharmaceutical industry. Drug safety for society is the underlying theme. Topics include

pharmacology of selected herbs, drug delivery systems, and federal regulation of drugs. ELO6 Science - Innovation

**BIOL2900 Special Topics 1-3 s.h.**

Study of selected topics of general interest in biology, to be announced prior to the semester when the course is offered. May be repeated for credit as topics change. 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 (3-3) 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). Goal 1A

**+ BIOL3400 Ecology and Conservation Biology (3-0) 3 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. Corequisite (for Biology majors): BIOL3401 Ecology and Conservation Biology Lab. Goal 6, ELO6 Science - World Citizenship

**+ BIOL3401 Ecology and Conservation Biology Lab (0-2) 3 s.h.**

Additional fee required. Corequisite (for Biology majors): BIOL3400 Ecology and Conservation Biology. Prerequisite: Instructor's consent.

**BIOL3420 Human Anatomy (3-2) 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: BIOL1400 or BIOL2100. Goal 1A

**BIOL3440 Human Physiology (3-2) 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. Goal 1A

**BIOL3500 Applied Pharmacology 3 s.h.**

A general study of the rationale for current drug therapy including classification of medication, mechanisms of action, main therapeutic effects, clinical indications, adverse reactions, and drug interactions. Does not substitute for NURS3450. Prerequisites: CHEM1330 or CHEM3410. Goal 1A

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

**BIOL4110 Biology Seminar 1 s.h.**

Presentation and discussion of current topics from the biological literature and biological world. Emphasis will be placed on finding, interpreting, and presenting primary journal articles. Prerequisite: Upper division status. Goal 1A

**BIOL4120 Research I (also CHEM4120) 1 s.h.**

Covers the basic elements of scientific research. Brief lectures on research methodologies and design will be provided. The student will develop a research schedule and write a research proposal in cooperation with a faculty mentor. The student will be expected to begin any initial research indicated in the research schedule. Prerequisite: BIOL2100, CHEM3410, and senior standing or consent of instructor. Goal 1A



**BIOL4130 Research II (also CHEM4130) 1 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. Goal 1A

**BIOL4310 Biochemistry (also CHEM4310) (3-3) 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. Goal 1A

**+ 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

**+ BIOL4450 Cell Biology (3-3) 4 s.h.**

Investigation of the fine structures and functions of the cell and its parts. Includes an in-depth study of: 1) the regulatory mechanisms involved in cellular processes, such as transport of material, cell division, metabolism, signal transduction and apoptosis and 2) the fine structures, such as the different eukaryotic organelles, cytoskeleton, and prokaryotic appendages. Additional fee required. Prerequisite: BIOL2100 (grade of C or better strongly recommended). Goal 1A

**+ BIOL4460 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: BIOL3310, BIOL4450, or [BIOL2100 and BIOL/CHEM 4310] (grade of C or better strongly recommended). Goal 1A

**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

**Support Courses for Biology Major**

**ATHT2500 Medical Terminology 2 s.h.**

A self-study, programmed-based opportunity to learn and understand medical terminology.

**CHEM1330 Introduction to General, Organic, and Biochemistry 3 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 fundamentals of cell biology and genetics course. Course will not count for credit in the Chemistry and/or Biology majors or minors. Prerequisite: MATH1280 or one year of high school algebra (C or better strongly recommended). Goal 1A

**CHEM1430 Principles of Chemistry I (3-0) 3 s.h.**

A study of the general principles, theories, and methods of chemistry. Emphasis is placed on the solving of mathematical problems. Intended for natural science majors and others who require a strong background in chemistry. Prerequisite: Two years of high school mathematics or MATH1280, and one year of high school chemistry or CHEM1330. Corequisite: CHEM1431 Principles of Chemistry I Lab. Goal 1A

**CHEM1431 Principles of Chemistry I Lab (0-3) 1 s.h.**

Additional fee required. Corequisite: CHEM1430 Principles of Chemistry I. Goal 1A

**CHEM1440 Principles of Chemistry II (3-0) 3 s.h.**

A continuation of CHEM1430. Includes semimicro methods of qualitative analysis and common gravimetric and volumetric methods of quantitative analysis. Prerequisite: CHEM1430/1431. Corequisite: CHEM1441 Principles of Chemistry II Lab. Goal 1A

**CHEM1441 Principles of Chemistry II Lab (0-3) 1 s.h.**

Additional fee required. Corequisite: CHEM1440 Principles of Chemistry II. Goal 1A

**CHEM3410 Organic Chemistry I (0-3) 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

**MATH1380 Introduction to Statistics 3 s.h.**

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. Elementary ANOVA. Introduction to nonparametric techniques. Prerequisite: 1 year high school algebra. Goal 3A, ELO6 Math

**MATH1510 Calculus I 3 s.h.**

Limits, continuity, derivative, mean-value theorem, simple integration, fundamental theorem of calculus. Prerequisite: 2 years high school algebra. Goal 3A, ELO6 Math

**PHYS1410 Elements of Physics I (3-2) 4 s.h.**

An elementary physics course emphasizing the fundamental concepts associated with the physical universe. Topics include Newtonian mechanics, fluids, heat thermodynamics, wavemotion, 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 (3-2) 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

**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

**+ PSYC3330 Biopsychology 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 and one of the following: BIOL1300, BIOL1400, BIOL2300. 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

**+ 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

**PSYC3520 Research Methods Two 3 s.h.**

Development and implementation of an original research project. Prerequisite: PSYC3320, psychology major. Goal 1C

**PSYC3900C Topic - Animal Models of Psychopathology 3 s.h.**

An exploration of the role of animals in the experimental study of mental illness. Course includes the psychology and neurobiology of human psychopathology, historical conceptions, assessment of animal model validity and specific animal models for human illnesses such as schizophrenia, anxiety, depression, aggression, and memory disorders due both to disease and aging. Prerequisite: PSYC1300 or instructor consent.

**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

# Business Administration

## BA Degree — Business Administration Major

In addition to the essential education requirements, majors in Business Administration must complete a concentration of 39 semester hours in Accounting, Business, Economics, and Computer Science Information Technology including:

- [ACCT2310](#) Financial Accounting 3 s.h.
- [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.
- [BUAD4200](#) Seminar in Business Policy 3 s.h.
- [ECON1300](#) Principles of Macroeconomics 3 s.h.
- [ECON1320](#) Principles of Microeconomics 3 s.h.
- [CSIT3500](#) Management of Information Systems 3 s.h.
- Electives in Business Administration 9 s.h.

A Business Administration major must also complete:

- [BUAD1420](#) Math for Decision Making **or**  
[MATH1510](#) Calculus I 3 s.h.
- [MATH1380](#) Introduction to Statistics 3 s.h.

## Business Administration Minor

A minor in Business Administration consists of 18 semester hours or more in Accounting, Business Administration, Economics, and Computer Science Information Technology including [ACCT2310](#) and three of the following five courses: [BUAD1440](#), [BUAD3320](#), [BUAD3330](#), [BUAD3380](#), [CSIT3500](#).

## 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

[BUAD3330](#) Principles of Marketing

[BUAD3480](#) International Marketing

[BUAD4430](#) Marketing Strategies

[SPMT3300](#) Sport Marketing

### **Management**

[BUAD3250](#) Entrepreneurship & Free Enterprise

[BUAD3320](#) Principles of Management

[BUAD3400](#) Small Business Ventures

[BUAD3450](#) Organizational Behavior

[BUAD3460](#) Operations Management

### **Entrepreneurship**

[ACCT2320](#) Managerial Accounting

[BUAD3220](#) Alternative Business Structures

[BUAD3250](#) Entrepreneurship & Free Enterprise

[BUAD3330](#) Principles of Marketing

[BUAD3400](#) Small Business Ventures

### **General Business**

[ACCT2320](#) Managerial Accounting

[BUAD3320](#) Principles of Management

[BUAD3330](#) Principles of Marketing

[BUAD3340](#) Business Law

[BUAD3380](#) Principles of Business Finance

\*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 in Business Administration**

### **[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.

**BUAD1440 International Business 3 s.h.**

An introduction to the study of business administration from the standpoint of the international environment, market forces, cultural influences, and local business practices.

**BUAD2000 Individual Study 1-3 s.h.**

**BUAD3000 Individual Study 1-3 s.h.**

**+BUAD3100 Risk Management and Insurance 3 s.h.**

A study of the concept of risk and how it is mitigated in the business environment with a particular focus on insurance as a vehicle for risk transfer. Includes an introductory study of most forms of commercial insurance policy.

**+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.

**+BUAD3220 Alternative Business Structures 3 s.h.**

A study of traditional and emerging options for legally structuring an enterprise. The course will explore four major units: traditional business forms, international options, nonprofits, and social entrepreneurship. Prerequisite: ACCT2310.

**+ 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.

**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.

**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.

**BUAD2350/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, and MATH1380.

### **+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.

### **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. Prerequisite: Junior standing or above.

### **+BUAD3460 Operations Management 3 s.h.**

The planning, organizing, staffing, directing and controlling of all the activities of production systems. Prerequisites: MATH1380.

### **BUAD3480 International Marketing 3 s.h.**

Introduction to the theory and practice of international marketing activities, striving for synergism in analysis, planning, implementation and control of marketing processes. Prerequisite: BUAD3330.

### **+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.

### **+BUAD3600 Electronic Commerce 3 s.h. (Also CSIT3600)**

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. Prerequisite: CSIT1010 or CSIT1040 or CSIT1060 or CSIT1100.

### **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.

### **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.

### **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 MATH1380.

**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.

**+ BUAD4420 International Finance 3 s.h.**

A study of the factors that make international finance unique and thus requiring special attention above and beyond traditional finance courses. Topics covered will include: international flow of funds, exchange rate behavior and risk management, and the international banking environment. Prerequisite: BUAD3380.

**+ 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.

+Denotes alternate year course.

Support Courses for Business Administration Major or Minor

**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.

**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

**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

**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. Prerequisite: CSIT1010 or CSIT1040 or CSIT1100.

**MATH1380 Introduction to Statistics 3 s.h.**

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. Elementary ANOVA. Introduction to nonparametric techniques. Prerequisite: 1 year high school algebra. Goal 3A, ELO6 Math

**MATH1510 Calculus I 3 s.h.**

Limits, continuity, derivative, mean-value theorem, simple integration, fundamental theorem of calculus. Prerequisite: 2 years high school algebra. Goal 3A, ELO6 Math

**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.



# Career Planning

## Courses in Career Planning

### **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 and 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 CAP Center Director. May be repeated once for credit. (Graded on a Pass/Fail basis.)

[Undergraduate Catalog](#)



# Chemistry

## BS Degree — Chemistry Major

In addition to the essential education requirements, majors in Chemistry must complete the following:

- [CHEM1430](#) Principles of Chemistry I 3 s.h.
- [CHEM1431](#) Principles of Chemistry I Lab 1 s.h.
- [CHEM1440](#) Principles of Chemistry II 3 s.h.
- [CHEM1441](#) Principles of Chemistry II Lab 1 s.h.
- [CHEM3110](#) Chemistry Seminar I 1 s.h.
- [CHEM3300](#) Analytical Chemistry 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 4 s.h.
- [CHEM3620](#) Physical Chemistry II 4 s.h.
- [CHEM4110](#) Chemistry Seminar II 1 s.h.
- [BIOL/CHEM4310](#) Biochemistry 4 s.h.
- [CHEM4330](#) Instrumental Analysis 4 s.h.
- [BIOL/CHEM4120](#) Research I 1 s.h.
- [BIOL/CHEM4130](#) Research II 1 s.h.

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

- [PHYS1410](#) Elements of Physics I 4 s.h.
- [PHYS1420](#) Elements of Physics II 4 s.h.
- [MATH1510](#) Calculus I 3 s.h.
- [MATH1520](#) Calculus II 3 s.h.

It is strongly recommended that majors in Chemistry also take the following courses, which are required for acceptance into many graduate schools and professional programs:

- [BIOL1400](#) Unity of Life 3 s.h.
- [CSIT1010](#) Microcomputer Business Applications 3 s.h.
- or all of the following:
- [CSIT1020](#) Microsoft Word & Powerpoint 1 s.h.
- [CSIT1030](#) Microsoft Excel 1 s.h.
- [CSIT1040](#) Microsoft Access 1 s.h.

(A math minor is highly recommended.)

## Chemistry Minor

A minor in Chemistry consists of 17 semester hours or more of course work in Chemistry and includes the following courses:

- [CHEM1430](#) Principles of Chemistry I 3 s.h.
- [CHEM1431](#) Principles of Chemistry I Lab 1 s.h.
- [CHEM1440](#) Principles of Chemistry II 3 s.h.
- [CHEM1441](#) Principles of Chemistry II Lab 1 s.h.
- [CHEM3110](#) Chemistry Seminar I 1 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.

## 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](#) (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](#) (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:

- [CHEM1430](#) Principles of Chemistry I 3 s.h.
- [CHEM1431](#) Principles of Chemistry I Lab 1 s.h.
- [CHEM1440](#) Principles of Chemistry II 3 s.h.
- [CHEM1441](#) Principles of Chemistry II Lab 1 s.h.
- [CHEM3110](#) Chemistry Seminar I 1 s.h.
- [CHEM3300](#) Analytical Chemistry 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.

**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](#) (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:

- [CHEM1430](#) Principles of Chemistry I 3 s.h.
- [CHEM1431](#) Principles of Chemistry I Lab 1 s.h.
- [CHEM1440](#) Principles of Chemistry II 3 s.h.
- [CHEM1441](#) Principles of Chemistry II Lab 1 s.h.
- [CHEM3110](#) Chemistry Seminar I 1 s.h.
- [CHEM3300](#) Analytical Chemistry 4 s.h.
- [CHEM3410](#) Organic Chemistry I 3 s.h.
- [CHEM3411](#) Organic Chemistry I Lab 1 s.h.

## Courses in Chemistry

The number of lecture hours and lab hours are noted next to the titles of courses which have labs (lecture hours-lab hours).

**CHEM1310 Matter Matters: An Introduction to Chemistry 3 s.h.**

Surveys the basic principles of chemistry, ranging from atomic structure and chemical bonding to chemical and nuclear reactions. Covers key scientific discoveries—and the people behind those breakthroughs—that are responsible for our current understanding of chemistry and for today's emerging technologies. Does not apply toward the Chemistry major or minor. Prerequisite: One year of high school algebra or MATH1280. ELO6 Science - Innovation

**CHEM1330 Introduction to General, Organic, and Biochemistry 3 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 fundamentals of cell biology and genetics course. Course will not count for credit in the Chemistry and/or Biology majors or minors. Prerequisite: MATH1280 or one year of high school algebra (C or better strongly recommended). Goal 1A

**CHEM1340 Forensic Chemistry 3 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. Two 50-minute class sessions and a 75-minute laboratory per week. ELO6 Science - World Citizenship

**CHEM1430 Principles of Chemistry I (3-0) 3 s.h.**

A study of the general principles, theories, and methods of chemistry. Emphasis is placed on the solving of mathematical problems. Intended for natural science majors and others who require a strong background in chemistry. Prerequisite: Two years of high school mathematics or MATH1280, and one year of high school chemistry or CHEM1330. Corequisite: CHEM1431 Principles of Chemistry I Lab. Goal 1A

**CHEM1431 Principles of Chemistry I Lab (0-3) 1 s.h.**

Additional fee required. Corequisite: CHEM1430 Principles of Chemistry I. Goal 1A

**CHEM1440 Principles of Chemistry II (3-0) 3 s.h.**

A continuation of CHEM1430. Includes semimicro methods of qualitative analysis and common gravimetric and volumetric methods of quantitative analysis. Prerequisite: CHEM1430/1431. Corequisite: CHEM1441 Principles of Chemistry II Lab. Goal 1A

**CHEM1441 Principles of Chemistry II Lab (0-3) 1 s.h.**

Additional fee required. Corequisite: CHEM1440 Principles of Chemistry II. Goal 1A

**CHEM2000 Individual Study Goal 1A 1-3 s.h.**

**CHEM3000 Individual Study Goal 1A 1-3 s.h.**

**CHEM3110 Chemistry Seminar I 1 s.h.**

Presentation and discussion of current topics from the chemical literature and chemical world. Prerequisite: 16 s.h. of chemistry. Goal 1A

**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 (3-3) 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. Goal 1A

**CHEM3410 Organic Chemistry I (0-3) 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 (3-3) 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. Goal 1A

**+ CHEM3620 Physical Chemistry II (3-3) 4 s.h.**

Additional fee required. Continuation of CHEM3610, which is a prerequisite. Goal 1A

**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.**

**CHEM4110 Chemistry Seminar II 1 s.h.**

Continuation of CHEM3110. Prerequisite: 17 s.h. of chemistry including CHEM3110. Goal 1A

**CHEM4120 Research I (also BIOL4120) 1 s.h.**

Covers the basic elements of scientific research. Brief lectures on research methodologies and design will be provided. The student will develop a research schedule and write a research proposal in cooperation with a faculty mentor. The student will be expected to begin any initial research indicated in the research schedule. Prerequisite: BIOL2100, CHEM3410, and senior standing or consent of instructor. Goal 1A

**CHEM4130 Research II (also BIOL4130) 1 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. Goal 1A

**CHEM4310 Biochemistry (also BIOL4310) (3-3) 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. Goal 1A

**+ 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

+Denotes alternate year course.

Support Courses for Chemistry Major

**BIOL1400 Unity of Life (3-0) 3 s.h.**

A study of the key characteristics of life that unite all living organisms, including humans. Emphasis will be placed on comparing how humans and other organisms fulfill basic life needs. Will not count for credit in the Biology major or minor. Goal 1A, ELO6 Science - Equality

**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.

**CSIT1020 Microsoft Word® & PowerPoint® 1 s.h.**

A proficiency-based course to develop intermediate level word processing and presentation skills using Microsoft Word® and PowerPoint®. Not available to students who have taken CSIT1010. Does not count towards the CSIT major.

**CSIT1030 Microsoft Excel® 1 s.h.**

A proficiency-based course to develop intermediate level spreadsheet skills using Microsoft Excel®. Not available to students who have taken CSIT1010. Does not count towards the CSIT major.

**CSIT1040 Microsoft Access® 1 s.h.**

A proficiency-based course to develop intermediate level database skills using Microsoft Access®. Not available to students who have taken CSIT1010. Does not count towards the CSIT major.

**MATH1510 Calculus I 3 s.h.**

Limits, continuity, derivative, mean-value theorem, simple integration, fundamental theorem of calculus. Prerequisite: 2 years high school algebra. Goal 3A, ELO6 Math

**MATH1520 Calculus II 3 s.h.**

Calculus of exponential, logarithmic, trigonometric, hyperbolic and inverse functions; techniques of integration and applications. Prerequisite: MATH1510 and trigonometry. Goal 3A

**PHYS1410 Elements of Physics I (3-2) 4 s.h.**

An elementary physics course emphasizing the fundamental concepts associated with the physical universe. Topics include Newtonian mechanics, fluids, heat thermodynamics, wavemotion, 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 (3-2) 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

**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

# Communications

## BA Degree — Communication Major

In addition to the essential education requirements, majors in Communication must complete 42 semester hours as prescribed below:

**The following 18 semester hours of core courses are required:**

- [COMM1250](#) Introduction to Communication Theory 3 s.h.
- [COMM/ENGL2500](#) Introduction to Mass Media 3 s.h.
- [COMM2600](#) Interpersonal Communication 3 s.h.
- [COMM3100](#) Intercultural Communication 3 s.h.
- [COMM3230](#) Small Group Communication 3 s.h.
- [COMM4150](#) Senior Seminar 3 s.h.

**24 semester hours chosen from the list of elective courses below:**

- [ARTS1710](#) Introduction to Graphic Design 3 s.h.
- [COMM2100](#) Introduction Organizational Communication 3 s.h.
- [COMM2300](#) Introduction to Media Technologies 3 s.h.
- [COMM3140](#) Campaigns and Theories of Persuasion 3 s.h.
- [COMM3200](#) Health Communication 3 s.h.
- [COMM/PEAC/SOCI3210](#) Conflict Management and Dialogue 3 s.h.
- [COMM3220](#) Gender and Communication 3 s.h.
- [COMM3500](#) Emerging and Social Media 3 s.h.
- [COMM3600](#) Trends in Communication 3 s.h.
- [COMM4300](#) Internship in Communication 3 s.h.
- [SOCI3440](#) Research Methods 3 s.h.

## Minor in Communication\*

A minor in Communication requires 18 or more semester hours in Communication, including all of the COMM core courses listed above (except for COMM4150 Senior Seminar) and one Communication elective COMM prefix (3 s.h.).

\*This minor may require four sequential semesters to complete since it includes courses offered on an every-other-year basis.

## Courses in Communication

### **[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

### **[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.



### **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.

### **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.

### **COMM2500 Introduction to Mass Media (Also ENGL2500) 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.

### **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.

### **COMM3000 Individual Study 1-3 s.h.**

### **COMM3100 Intercultural Communication (Also INTD3100) 3 s.h.**

An examination of concepts that have application to communication across cultural boundaries, with emphasis on relating them to effective intercultural communication skills. Goal 4

### **COMM3140 Campaigns and Theories of 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.

### **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.

### **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

### **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.

### **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

**COMM3500 Emerging and Social 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.

**COMM3600 Trends in Communication 3 s.h.**

Advanced study in specific trends in communication, to be announced the semester before they are offered. May be repeated for credit as topics change.

**COMM3900 Topics in Speech Communication 1-3 s.h.**

Advanced study in specific topics in speech 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.

**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.

**COMM4390 Methods of Teaching Theatre and Speech (Also THTR4390) 3 s.h.**

Consideration of the theatre and speech classroom experience on the secondary level. Provides training in methods, unit preparation, media, evaluation, and directing extracurricular activities. Required of prospective theatre and speech teachers. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program.

**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.

Support Courses for Communication Major

**ARTS1710 Introduction to Graphic Design 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. Goal 2A

**SOCI3440 Research Methods 3 s.h.**

A survey of the principles and practices of social research, including data analysis, research ethics, and the design and implementation of surveys, in-depth interviews, content analysis, participant observation, experiments, and field studies. Prerequisite: MATH1380.



# Computer Science & Information Technology

## BS Degree — Computer Science and Information Technology Major

In addition to the essential education requirements, students majoring in Computer Science and Information Technology must complete a concentration of 39 semester hours of CSIT courses and 6 semester hours of MATH as prescribed below:

- [CSIT1100](#) Principles of Computing 3 s.h.
- [CSIT1200](#) Data Structures 3 s.h.
- [CSIT1300](#) Introduction to Operating Systems 3 s.h.
- [CSIT2010](#) Object-Oriented Programming 3 s.h.
- [CSIT2100](#) Intermediate Programming 2 s.h.
- [CSIT2200](#) Computer Hardware and Networks 3 s.h.
- [CSIT3140](#) Information Security 3 s.h.
- [CSIT3200](#) Systems Analysis and Design 3 s.h.
- [CSIT3300](#) Database Concepts and SQL 3 s.h.
- Internship, project, or research 1 s.h.
  - [CSIT3700](#) Internship in Computing and Information Technology **or**
  - [ARTS/CSIT4100](#) Systems Development Project **or**
  - [CSIT4000](#) Individual Study
- Upper division CSIT electives 12 s.h.
  - excluding CSIT3700, CSIT3000/4000, and CSIT4100
- A Computer Science and Information Technology major must also complete:
- [MATH1380](#) Statistics or MATH1510 Calculus I 3 s.h.
- [MATH2350](#) Discrete Mathematics 3 s.h.

We recommend that students interested in graduate study or a career as a computer scientist also minor in mathematics (with two semesters of calculus and linear algebra) and take lab science courses in physics, chemistry, or biology.

We recommend that students interested in a career in information technologies also minor in business administration and take statistics.

## Computer Science and Information Technology Minor

A minor in Computer Science and Information Technology requires 18 s.h. of CSIT courses that count toward the major, excluding internships. This excludes CSIT1010-1050, CSIT1900, CSIT2000, CSIT3000, and CSIT3700.

## Courses in Computer Science and Information Technology

### **[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.

**CSIT1020 Microsoft Word® & PowerPoint® 1 s.h.**

A proficiency-based course to develop intermediate level word processing and presentation skills using Microsoft Word® and PowerPoint®. Not available to students who have taken CSIT1010. Does not count towards the CSIT major.

**CSIT1030 Microsoft Excel® 1 s.h.**

A proficiency-based course to develop intermediate level spreadsheet skills using Microsoft Excel®. Not available to students who have taken CSIT1010. Does not count towards the CSIT major.

**CSIT1040 Microsoft Access® 1 s.h.**

A proficiency-based course to develop intermediate level database skills using Microsoft Access®. Not available to students who have taken CSIT1010. 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.

**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.

**CSIT1300 Introduction to Operating Systems 3 s.h.**

This course serves as an introduction to the concepts driving modern operating systems, as well as a hands-on course in Unix and Linux Systems and Windows Systems. Concepts covered include Process Management, Memory Management, Operating System Scripting and Programs, and Virtualization.

**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.

**CSIT2200 Computer Hardware and Networks 3 s.h.**

This course is a look at the organization of computer systems at the discrete and network levels. Topics include hardware and components of modern computer systems such as processor organization, digital logic and circuitry, network concepts, the OSI model, packet structure, and communication protocols.

**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.

**CSIT3140 Information Security 3 s.h.**

This course will explore the concepts of information security. Topics such as encryption, malware, software exploitation, secure development practices, reverse engineering, cyber operations, and cyber defense will be discussed. Course will require significant programming. Prerequisite: CSIT2200.

**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: CSIT1010 or CSIT1040 or 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

**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. Prerequisite: CSIT1010 or CSIT1040 or CSIT1100.

**+CSIT3600 Electronic Commerce 3 s.h. (Also BUAD3600)**

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. Prerequisite: CSIT1010 or CSIT1040 or CSIT1060 or CSIT1100.

**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.

**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 1-3 s.h. (Also ARTS4100)**

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.

**+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

**+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

+Denotes an alternate year course.

Support Courses for Computer Science and Information Technology Major

**MATH1380 Introduction to Statistics 3 s.h.**

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. Elementary ANOVA. Introduction to nonparametric techniques. Prerequisite: 1 year high school algebra. Goal 3A, ELO6 Math

**MATH1510 Calculus I 3 s.h.**

Limits, continuity, derivative, mean-value theorem, simple integration, fundamental theorem of calculus. Prerequisite: 2 years high school algebra. Goal 3A, ELO6 Math

**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: 2 years high school algebra or MATH1280. Goal 3A

# Criminal Justice

## 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 with a grade of C or better in all courses to be counted toward the major:

- [CRMJ2400](#) Introduction to Criminal Justice 3 s.h.
- [CRMJ2510](#) Policing in America **or**  
[CRMJ2520](#) Corrections in America 3 s.h.
- [POLS3500](#) Criminal Law **or**  
[POLS3510](#) Criminal Procedure **or**  
[CRMJ3100](#) Law and the Justice System 3 s.h.
- [PSYC1300](#) Introductory Psychology 3 s.h.
- [SOC11300](#) Introduction to Sociology 3 s.h.
- [SOC12500](#) Criminology 3 s.h.
- [\\*SOC13440](#) Research Methods 3 s.h.
- [SOC14330](#) Social Inequality 3 s.h.

### Five courses from the following:

- [CRMJ/SOCI3340](#) Penology 3 s.h.
- [CRMJ3350](#) Community-based Corrections 3 s.h.
- [CRMJ3410](#) Police Practices and Problems 3 s.h.
- [CRMJ/SOCI3520](#) Juvenile Delinquency and Juvenile Justice 3 s.h.
- [CRMJ3900](#) Advanced Topics in Criminal Justice 3 s.h.
- [CRMJ4100](#) Correctional Case Management 3 s.h.
- [\\*\\*CRMJ4700](#) Criminal Justice Internship 3 s.h.
- [PSYC/SOCI3310](#) Social Psychology 3 s.h.
- [PSYC3380](#) Abnormal Psychology 3 s.h. **or**  
[PSYC3470](#) Psychological Tests and Measurement
- [PSYC4430](#) Theory and Practice of Counseling 3 s.h.

\*It is recommended that [MATH1380](#) Statistics be taken prior to enrolling for [SOC13440](#) Research Methods.

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

## Courses in Criminal Justice

### **[CRMJ2400](#) 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.

### **+ [CRMJ2510](#) Policing in America 3 s.h.**

History, functions, and organization of law enforcement, including study of internal operation, legal restraints, jurisdictional problems, and community relations. Prerequisite: CRMJ2400.

### **+ [CRMJ2520](#) Corrections in America 3 s.h.**

Includes the study of theories of punishment and approaches to corrections; the evolution, organization and operation of the correctional system; and corrections issues and policy questions. Prerequisite: CRMJ2400.

**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. Prerequisite: CRMJ2520 Corrections in America (grade of C or better).

**+ 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. Prerequisite: CRMJ2520 Corrections in America (grade of C or better).

**+ CRMJ3410 Police Practices and Problems 3 s.h.**

Examines the role of police as formal social control agents, the foundation and evolution of police practices, and the problems and issues characteristic of police institutions. Major topics include: the organization of law enforcement systems; the role of police in society; police discretion and ethics; police and community interaction; and current and future issues. Prerequisite: CRMJ2510 Policing in America (grade of C or better).

**+ 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 (grade of C or better).

**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 (grade of C or better).

**+ 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 (grade of C or better).

**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.

Support Courses for Accounting Major

**MATH1380 Introduction to Statistics 3 s.h.**

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. Elementary ANOVA. Introduction to nonparametric techniques. Prerequisite: 1 year high school algebra. Goal 3A, ELO6 Math

**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

**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

**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

**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

**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

**PSYC3470 Psychological Tests and Measurements 3 s.h.**

Assessment information applied to decision making in education and psychology. Tests of processes and skills will be reviewed as well as the technical aspects of measurement. Credit not allowed for this course and EDUC3630. 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

**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.

**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, lifestyles, 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.

# Developmental Courses

Two courses from this area may count toward graduation.

## **DEVL0900 Developmental Mathematics: Beginning Algebra 3 s.h.**

Designed for students with little or no background in algebra. A review of basic arithmetic skills and an introduction to algebra. The algebra component includes the language of algebra, signed numbers, an overview of equations and inequalities, an introduction to polynomials, and laws of exponents. Does not count for general education credit. This course and DEVL1200 are prerequisites to all freshman level MATH courses for students with ACT Math scores 16 and below or SAT Math scores 420 and below. Students required to enroll in this course must achieve a “C” or better. Additional fee required.

## **DEVL1200 Developmental Mathematics: Intermediate Algebra 3 s.h.**

Designed for students who have completed DEVL0900 or with instructor approval. Includes factoring, algebraic fractions, graphing linear equations, exponents, radicals and quadratic equations. Does not count for general education credit. Students required to enroll in this course must achieve a “C” or better. Additional fee required.

## **DEVL1250 Basics of English 3 s.h.**

Deals with difficulties common to underprepared writers. Emphasizes control of writing mechanics and organization. This course is a prerequisite to ENGL1100 Discourse I for students with ACT English scores 15 and below or SAT English scores 480 and below. Students must achieve at least a “C” before being permitted to take ENGL1100.

## **DEVL1930 Topics: Basics of English II 3 s.h.**

Designed to supply additional instruction to help students improve their skills in writing correct sentences, paragraphs, short essays, basic research papers, and reading responses. Prerequisite: DEVL1250 and instructor’s consent. For Student Support Services participants only.

[Undergraduate Catalog](#)



# Economics

## BA Degree — Economics Major

In addition to the essential education requirements, majors in Economics must complete 33 semester hours in Economics, and Mathematics including:

- [ECON1300](#) Principles of Macroeconomics 3 s.h.
- [ECON1320](#) Principles of Microeconomics 3 s.h.
- [ECON3350](#) Intermediate Microeconomic Theory 3 s.h.
- [ECON3360](#) Intermediate Macroeconomic Theory 3 s.h.
- [ECON4300](#) Research Seminar 3 s.h.
- Upper Division Electives in Economics 12 s.h.

An Economics major must also complete:

- [BUAD1420](#) Math for Decision Making **or**  
[MATH1510](#) Calculus I 3 s.h.
- [MATH1380](#) Introduction to Statistics 3 s.h.

## Economics Minor

A minor in Economics consists of 18 semester hours including [ECON1300](#), [ECON1320](#), [ECON3350](#) and [ECON3360](#).

## Teacher Certification in Economics

1. FOR NON-ECONOMICS MAJORS WHO WANT A SECONDARY ECONOMICS ENDORSEMENT (5-12):  
Non-Economics majors desiring a secondary Economics 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 one of the following: (A.) 24 s.h. in Economics, (B.) 30 s.h. in the broad area of Social Sciences to include 15 s.h. in Economics.

## Courses in Economics

### **[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

### **[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.**

**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

**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 MATH1380. Goal 1C

**+ 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. Goal 1C

**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

**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: MATH1380 and ECON3350. Goal 1C

**+ 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

**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. Goal 1C

**ECON4300 Research Seminar 3 s.h.**

Students investigate theoretical and applied topics and present their findings. Prerequisites: ECON3350, ECON3360. Goal 1C

+Denotes an alternate year course.

Support Courses for Economics Major

**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.

**MATH1380 Introduction to Statistics 3 s.h.**

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. Elementary ANOVA. Introduction to nonparametric techniques.

Prerequisite: 1 year high school algebra. Goal 3A, ELO6 Math

**MATH1510 Calculus I 3 s.h.**

Limits, continuity, derivative, mean-value theorem, simple integration, fundamental theorem of calculus. Prerequisite: 2 years high school algebra. Goal 3A, ELO6 Math

**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.

# Education (Graduate)

see [Graduate Catalog](#)

# Education (Undergraduate)

## Accreditation

The Teacher Education Programs of Graceland University have been approved by the Iowa Department of Education and are accredited by the National Council for Accreditation of Teacher Education (NCATE).

## Teacher Education Programs

The Teacher Education Programs of Graceland University have been approved by the Iowa Department of Education and are accredited by the National Council for Accreditation of Teacher Education (NCATE). Information about the Graceland Teacher Education Program Title II Report is on the internet at [www.graceland.edu](http://www.graceland.edu). 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](#) or [EDUC3550](#).

## 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](#) section of the catalog.

## Admission to Teacher Education

Students should apply for admission to the Teacher Education Program after successfully completing [EDUC2420](#) Entry Workshop. Application for admission is made through the Director of Teacher Education. Final approval is given by the Teacher Education Committee. Applicants must have:

1. a minimum Graceland grade point average of 2.75 for all work attempted,
2. a grade of "C" or higher in all education courses and a successful field work evaluation in [EDUC1410](#) Clinical

### Experience Lab

3. verification of completion of two sections (English and Math) of the College Basic Academic Subjects Examination (C-BASE) with scores of 235 or above,  
If a transfer student has already taken and passed a state approved entrance exam for another accredited Teacher Education Program prior to admittance to Graceland, those scores may be accepted in lieu of the C-BASE Exam. The student is responsible for providing official documentation of the scores to his or her advisor. The Teacher Education Committee determines if the test and scores match the criteria above.
4. completed a technology survey and a diversity survey,
5. a current graduation plan signed by their advisor,
6. submit application and disclose revoked or suspended education related license or criminal convictions, and
7. submitted three or more professional references (two of which must come from the GSOE), in which applicants will be evaluated on the following criteria: caring attitude, collaboration, reflection, leadership, academic success, communication skills, organization, dependability, and integrity.

## 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,
7. successfully passed at least the Content Knowledge portion of Praxis II and
8. scheduled the Principles of Learning and Teaching portion of Praxis II to take place prior to 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,
5. All Teacher Education candidates (Elementary and Secondary) must pass two PRAXIS II tests: a Principles of Learning and Teaching (PLT) test, as well as a Content Knowledge test for your major (not endorsement area), and
6. 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 essential education requirements, majors in Elementary Education must complete the Education

requirements and one approved concentration:

### Education Requirements:

- [BIOL1400](#) Unity of Life **or**
- [BIOL1260](#) Environmental Biology 3 s.h.
- [SCIE1310](#) Fundamentals of Physical Science 3 s.h.
- [ENGL1100](#) Discourse I **or**  
[ENGL1120](#) Honors Discourse I 3 s.h.
- [ENGL2100](#) Discourse II **or**  
[ENGL2120](#) Honors Discourse II 3 s.h.
- [MATH1310](#) Mathematical Concepts I 3 s.h.
- \* Mathematics elective ([MATH1250](#), [MATH1320](#), [MATH1380](#) recommended) 3 s.h.
- [HIST1320](#) World Civilizations II **or**
- [HIST2420](#) U.S. History since 1877 3 s.h.
- [POLS1300](#) American Government or an approved American Government with civic literacy class
- [EDUC1400](#) Introduction to Education 3 s.h.
- [EDUC1410](#) Clinical Experience Lab for EDUC1400 1 s.h.
- [EDUC2300](#) Children's Literature in Elementary Education 3 s.h.
- [EDUC2420](#) Teacher Education Entry Workshop 0 s.h.
- [EDUC3100](#) Human Relations for Educators 3 s.h.
- [EDUC3300](#) Foundations of Reading/Literacy Instruction 3 s.h.
- [EDUC3400](#) Elementary Reading in the Content Areas 3 s.h.
- [EDUC3480](#) Language Arts, Reading, and Social Studies Methods 3 s.h.
- [EDUC3511](#) Methods of Teaching Elementary Science 3 s.h.
- [EDUC3530](#) Methods of Teaching Elementary Math 3 s.h.
- [EDUC3540](#) Methods Lab 1 s.h.
- [EDUC3580](#) Psychology of Exceptional Child and Adult 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. 2-3 s.h.
- [EDUC4100](#) Legal, Ethical, and Pedagogical Responsibilities in Education 3 s.h.
- [EDUC4230](#) Classroom Management 3 s.h.
- \*\* [EDUC4400](#) Elementary Student Teaching 14 s.h.
- [PSYC2250](#) Developmental Psychology 3 s.h.
- [EDUC2500](#) Teaching 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)

\*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.

## Art (K-8)

- [ARTS1210](#) 2-D Design 3 s.h.
- [ARTS1220](#) 3-D Design 3 s.h.
- [ARTS1230](#) Drawing 3 s.h.
- [ARTS2300](#) Art History Survey: Ancient to Medieval **or**  
[ARTS2310](#) Art History Survey: Renaissance to Modern 3 s.h.
- [ARTS3100](#) Modern to Contemporary Art History 3 s.h.
- Approved Art electives (not to include ARTS4350) 9 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)

- [EDUC2150](#) Literacy Instruction for Early Reading and Language Acquisition 3 s.h.
- [EDUC2300](#) Children's Literature in Elementary Education 3 s.h.
- [EDUC3300](#) Foundations of Reading Instruction 3 s.h.
- [EDUC3480](#) Language Arts, Reading, and Social Studies Methods 3 s.h.
- [ENGL1100](#) Discourse I **or**  
[ENGL1120](#) Honors Discourse I 3 s.h.
- [ENGL2100](#) Discourse II **or**  
[ENGL2120](#) Honors Discourse II 3 s.h.
- [ENGL2330](#) Our Bondage and Our Freedom: Literatures of the Americas, 1491-1865 3 s.h.
- [ENGL3100](#) Discourse III 3 s.h.
- [THTR1220](#) Beginning Acting **or**  
[THTR1240](#) Vocal Presentation Skills 3 s.h.

## Health (K-8)

- [BIOL1400](#) Unity of Life **or**  
[BIOL2300](#) Anatomy and Physiology I 3 s.h.
- [BIOL2560](#) Nutrition 3 s.h.
- [HLTH1100](#) First Aid **or**  
[PHED0610](#) Life Guard Training 1 s.h.
- [HLTH2400](#) Children's Health and Development 3 s.h.
- [HLTH2410](#) Children's Health and Development - K-8 Health and Physical Education Methods Lab 1 s.h.
- [HLTH3100](#) Drugs Education and Behavior 3 s.h.
- [HLTH3200](#) Community Health 3 s.h.
- [PSYC2250](#) Developmental Psychology 3 s.h.
- [SOC12320](#) Marriage and the Family 3 s.h.
- 3 s.h. of Health related electives from:
  - [ATHT3100](#) Care and Prevention of Athletic Injuries 2 s.h.
  - [BIOL2310](#) Anatomy and Physiology II 3 s.h.
  - [BIOL2350](#) Introduction to Microbiology 4 s.h. **or**  
[BIOL2360](#) Microbiology 4 s.h.
  - [HLTH3120](#) Human Sexuality 3 s.h.
  - [HLTH3300](#) Theory and Practice of Safety 2 s.h.
  - [HLTH3900](#) Advanced Topics in Health 3 s.h.



# Mathematics (K-8)

- Approved Computer Programming Elective 3 s.h.
- [EDUC3530](#) Methods of Teaching Elementary Math 3 s.h.
- [MATH1250](#) Informal Geometry **or**
- [MATH3320](#) Modern Geometry 3 s.h.
- [MATH1280](#) College Algebra 3 s.h.
- [MATH1310](#) Mathematical Concepts I 3 s.h.
- [MATH1320](#) Mathematical Concepts II 3 s.h.
- [MATH1380](#) Introduction to Statistics 3 s.h.
- Approved Mathematics Electives (MATH prefix) 6 s.h.

## \*\*K-8 Mild and Moderate Special Education:

- [EDUC3200](#) Introduction to Mild/Moderate Disabilities K-12 3 s.h.
- [EDUC3220](#) K-8 Methods and Strategies for Mild/Moderate Learners 4 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.
- [EDUC3470](#) Collaborative Consultation 3 s.h.
- [EDUC3630](#) Assessment, Diagnosis, and Evaluation Strategies 3 s.h.
- [EDUC4230](#) Classroom Management 3 s.h.
- [EDUC3580](#) Psychology of Exceptional Child and Adult 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, 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 4 s.h.
- [EDUC3260](#) Transition Programming 2 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.
- [EDUC3470](#) Collaborative Consultation 3 s.h.
- [EDUC3550](#) 7-12 Mild/Moderate Special Education Practicum 2 s.h.
- [EDUC3630](#) Assessment, Diagnosis, and Evaluation Strategies 3 s.h.
- [EDUC4230](#) Classroom Management 3 s.h.
- [EDUC3580](#) Psychology of Exceptional Child & Adult 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, 2 s.h.

## Physical Education (K-8)

- [BIOL2300](#) Anatomy and Physiology I 3 s.h. **or**  
[BIOL3420](#) Human Anatomy 4 s.h. and [BIOL3440](#) Human Physiology 4 s.h.
- [EDUC3710](#) K-6 Elementary Education Practicum (in P.E.) 2 s.h.
- [HLTH1100](#) First Aid **or**  
[PHED0610](#) Life Guard Training 1 s.h.
- [HLTH2400](#) Children's Health and Development 3 s.h.
- [HLTH2410](#) Children's Health and Development - K-8 Health and Physical Education Methods Lab 1 s.h.
- [PHED1100](#) New Games 1 s.h.
- [PHED1200](#) Motor Learning 2 s.h.
- [PHED1240](#) Introduction to Movement Science 2 s.h.
- [PHED2350](#) Teaching Team Sports 2 s.h.
- [PHED2370](#) Teaching Individual Sports 2 s.h.
- [PHED2380](#) Creative Rhythm and Movement 3 s.h.
- [PHED/RECR3430](#) Adaptive Physical Education 3 s.h.
- 3 s.h. of related Physical Education Electives from the following:
  - [ATHT3100](#) Prevention and Care of Athletic Injuries 3 s.h.
  - Physical Education Activities 1-2 s.h. (PHED prefix, only 2 s.h. of which may be Intercollegiate Athletics)
  - [PHED3280](#) The Foundations of Physical Education 3 s.h.
  - [PHED3340](#) Biomechanics 3 s.h.

## Reading (K-8)

- [EDUC2150](#) Literacy Instruction for Early Reading and Language Acquisition 3 s.h.
- [EDUC2300](#) Children's Literature in Elementary Education 3 s.h.
- [EDUC3300](#) Foundations of Reading Instruction 3 s.h.
- [EDUC3330](#) K-6 Reading Practicum 2-3 s.h.
- [EDUC3390](#) Analysis and Correction of Reading Disabilities 3 s.h.
- [EDUC3400](#) Elementary Reading in the Content Areas 3 s.h.
- [EDUC3480](#) Language Arts, Reading, and Social Studies Methods (Elementary) 3 s.h.
- [EDUC3630](#) Assessment, Diagnosis and Evaluation Strategies 3 s.h.
- [EDUC3540](#) Methods Lab 1 s.h.

## Science-Basic (K-8)

- [SCIE1250](#) Descriptive Astronomy 3 s.h.
- [SCIE1310](#) Fundamentals of Physical Science 3 s.h.
- [SCIE3030](#) The Nature of Science 3 s.h.
- Elective of any class with SCIE, CHEM, or PHYS prefix 3 - 4 s.h.
- [EDUC3511](#) Methods of Teaching Elementary Science 3 s.h.
- Six hours of chemistry from the following:
  - [CHEM1330](#) Introduction to General, Organic, and Biochemistry 3 s.h.
  - [CHEM1430](#) Principles of Chemistry I and [CHEM1431](#) Principles of Chemistry I Lab 4 s.h.
  - [CHEM1440](#) Principles of Chemistry II and [CHEM1441](#) Principles of Chemistry II Lab 4 s.h.
- Six hours of biology from the following:
  - [BIOL1260](#) Environmental Biology 3 s.h.
  - [BIOL1400](#) Unity of Life 3 s.h.

- [BIOL2100](#) Fundamentals of Cell Biology and Genetics 4 s.h.
- [BIOL2430](#) Animal Biology 4 s.h.
- [BIOL2440](#) Plant Biology 4 s.h.
- [BIOL2560](#) Nutrition 3 s.h.

## Social Science-History (K-8)

- [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.
- American History Electives 3 s.h.
- World History Electives 3 s.h.
- History Electives 3 s.h.
- [EDUC3480](#) Language Art, Reading, and Social Studies Methods 3 s.h.

## Social Science-Social Studies (K-8)

- [ECON1300](#) Principles of Macroeconomics 3 s.h.
- [EDUC3480](#) Language Arts, Reading, and Social Studies Methods 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.
- [SOC11300](#) Introduction to Sociology 3 s.h.

## PK-3 Early Childhood Education

- [EDUC2150](#) Literacy Instruction for Early Reading and Language Acquisition 3 s.h.
- [EDUC2390](#) Early Childhood Education (Infants/Toddlers) 3 s.h.
- [EDUC3200](#) Introduction to Mild/Moderate Disabilities K-12 3 s.h.
- [EDUC3290](#) Early Childhood Practicum 2.5 s.h.
- [EDUC3310](#) Early Childhood Education (Preprimary/Kindergarten) 3 s.h.
- [EDUC3470](#) Collaborative Consultation 3 s.h.
- [EDUC3580](#) Psychology of Exceptional Child and Adult 3 s.h.
- [EDUC3620](#) Administration of Early Childhood Programs 2 s.h.
- [EDUC3630](#) Assessment, Diagnosis, and Evaluation Strategies 3 s.h.
- [EDUC4230](#) Classroom Management 3 s.h.
- [EDUC4440](#) Early Childhood Student Teaching (substitutes for EDUC4400) 14 s.h.
- [HLTH2400](#) Children's Health and Development 3 s.h.
- [PHED2380](#) Creative Rhythm and Movement 3 s.h.

- [PSYC2250](#) Developmental Psychology 3 s.h.

## Secondary Education Program (5-12 grade level)

### Education Requirements:

- [EDUC1400](#) Introduction to Education 3 s.h.
- [EDUC1410](#) Clinical Experience Lab for EDUC1400 1 s.h.
- [EDUC2420](#) Teacher Education Entry Workshop 0 s.h.
- [EDUC3100](#) Human Relations for Educators 3 s.h.
- [EDUC3520](#) General Secondary Methods and Content Reading 3 s.h.
- [EDUC3580](#) Psychology of Exceptional Child and Adult 3 s.h.
- [EDUC3590](#) Educational Psychology and Measurement 3 s.h.
- \*[EDUC3720](#) 7-12 Secondary Education Practicum 2 s.h.
- [EDUC4100](#) Legal, Ethical, and Pedagogical Responsibilities in Education 3 s.h.
- [EDUC4230](#) Classroom Management 3 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, Music, and Physical Education may substitute [EDUC3710](#) K-6 Elementary Education Practicum or [EDUC3730](#) Combination K-6 and 7-12 Education Practicum. Secondary subject-area majors with a 5-12 Mild/Moderate Special Education endorsement must enroll in [EDUC3550](#) Mild/Moderate Special Education Practicum. Secondary candidates with more than one 5-12 teaching major should have an internship for each major to meet the pre-student teaching requirement of the state of Iowa for teaching majors.

\*\*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 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 \(Studio\)](#)
- [Basic Science](#)
- [Biology](#)
- [Chemistry](#)
- [English](#)
- [Health and Movement Science with Health Education or Physical Education Concentration](#)
- [History](#)
- [Mathematics](#)
- [Music](#)

### **Second Teaching Fields:**

In addition to the teaching major, students may seek endorsements for the following second teaching fields:

- [American History](#)
- [American Government](#)
- [Art](#)
- [Biological Science](#)

- [Chemistry](#)
- [Economics](#)
- [English/Language Arts](#)
- [General Science](#)
- [Health](#)
- [Mathematics](#)
- [Music](#)
- [Mild/Moderate Special Education](#)
- [Physical Education](#)
- [Psychology](#)
- [Sociology](#)
- [World History](#)

Secondary education students majoring in any teaching major, who desire Iowa Teacher Certification with endorsements in K-8 Mild/Moderate Special Education, 5-12 Mild/Moderate Special Education, must complete the Secondary Teacher Education Program and the appropriate concentration, substituting [EDUC4300](#) Secondary Classroom Management for [EDUC4200](#) Elementary Classroom Management.

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

A secondary education student majoring in Art, Health, Music, 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

#### ***Elementary Program (K-8 Art, Health, Music, and Physical Education)***

Art, Health, Music, or Physical Education majors desiring a K-6 endorsement must complete the Secondary Education Program (5-12 grade-level requirements), substituting an elementary methods course in art, health, music, or physical education and [EDUC4400](#) for a secondary methods course and [EDUC4420](#).

- Completion of the Secondary Education Program with a major in Art, Health, Music, or P.E. except as modified below:
- Elementary methods courses in art, health, music, or P.E. 3-13 s.h.
- [EDUC4450](#) Combination Student Teaching 14 s.h.
- Note: This combination includes 14 s.h. of student teaching credit, 7 s.h. elementary and 7 s.h. secondary.

## Courses in Education

### **[EDUC1400](#) Introduction to Education 3 s.h.**

Emphasis is upon social, historical, and philosophical foundations of education; ethics; reflection; and professional development. 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. Prerequisite: At least second semester freshman standing. Co-requisite: EDUC1410

### **[EDUC1410](#) Clinical Experience for [EDUC1400](#) 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. Corequisite: EDUC1400 (concurrent registration required). (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, smartboards and tablet technologies. ELO4 Global Learning - Innovation

### **EDUC2150 Literacy Instruction for Early Reading and Language Acquisition 3 s.h.**

Study 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.

### **EDUC2300 Children's 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.

### **+EDUC2390 Early Childhood Education (Infants/Toddlers) 3 s.h.**

Focuses on the development and the implementation of integrated learning experiences that facilitate cognition, communication, social and physical development of typical and atypical infants and toddlers, including developmentally appropriate assessments and adaptations for children at risk or have exceptional needs, within the context of parent-child and care giver-child relationships. Co-requisite: EDUC3310, EDUC3620.

### **EDUC2420 Teacher Education Entry Workshop 0 s.h.**

Acquire information pertaining to teacher education requirements and candidate responsibilities for the program assessment system. Take the C-BASE examination and complete other testing required for program participation. Enroll the semester after completion of EDUC1400 Introduction to Education. Also required for all transfer students during their first semester or term at Graceland. (Graded on a Pass/Fail basis.) Co-requisite: EDUC1400.

### **EDUC2500 Teaching 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 elementary classroom.

### **EDUC3000 Individual Study 1-3 s.h.**

### **EDUC3100 Human Relations for Educators 3 s.h.**

Development of awareness of various societal subgroups, recognizing and dealing with dehumanizing biases, and learning to relate effectively to various groups in order to foster respect for diversity. Emphasis on self-awareness in human relations issues and how this awareness can be translated into positive relationships. Introduction to pedagogical, curricular, and social considerations involved in educating various societal subgroups. Pre- or co-requisite: EDUC1400. Goal 3E, ELO3 Ethical Thinking and Action - Equality

### **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: EDUC1400 and junior standing. Co- or prerequisites: EDUC3580.

### **EDUC3220 K-8 Methods and Strategies for Mild/Moderate Special Education 4 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 and junior standing.

**EDUC3230 5-12 Methods and Strategies for Mild/Moderate Special Education 4 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 and junior standing.

**EDUC3260 Transition Programming 2 s.h.**

An introduction to organizing and implementing career-vocational programs for secondary students with mild disabilities. Prerequisites: EDUC3580 and junior standing.

**EDUC3280 Middle School Practicum 1-2 s.h.**

A two-week practicum in a middle school classroom. Prerequisites: EDUC3560 and admittance into Teacher Education. (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: EDUC2390, EDUC3200, EDUC3310 and admittance into Teacher Education. (Graded on a Pass/Fail basis.)

**EDUC3300 Foundations of Reading/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 EDUC1400 and EDUC1410.

**+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: EDUC2390, EDUC3620.

**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. Prerequisites: EDUC3390, and admittance into Teacher Education. (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. Prerequisites: EDUC3390, and admittance into Teacher Education. (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, and admittance into Teacher Education. (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 the education program. Co-requisite: EDUC3200 or EDUC3580.

**EDUC3480 Language Arts, Reading, and Social Studies Methods 3 s.h.**

Curriculum and strategies for instructing language arts, reading, and the social sciences 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 areas of history, geography, and economics. Technology and classroom management as it applies to social science and literacy methods is included. Enroll during the semester prior to enrollment in student teaching. Prerequisite: Admittance into Teacher Education, unless part of an approved Liberal Studies Program and junior standing. Co-requisite: EDUC3540.

**EDUC3511 Methods of Teaching Elementary Science 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 technology and classroom management as it applies to science methods included. Prerequisite: EDUC1400, junior standing.

**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 Methods of Teaching Elementary Math 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 technology and classroom management as it applies to math methods included. Prerequisites: Admittance into Teacher Education, unless part of an approved Liberal Studies Program. Co-requisite: EDUC3540.

**EDUC3540 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 Liberal Studies Program. Co-requisite: EDUC3530, 3480.

**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, and admittance into Teacher Education. (Graded on a Pass/Fail basis.)

**+EDUC3560 Nature and Needs of the Middle Grades Child 3 s.h.**

The nature and needs of the middle grades child (grades 5-8) as they relate to the middle school philosophy and curriculum. An overview of the history of the middle school movement in this country. Prerequisite: EDUC1400.

**+EDUC3570 Curriculum for Middle Grades Education 3 s.h.**

A study of the curriculum needs for the middle grades student with emphasis upon the unique transitional function of the middle school concept in curricular planning and materials selection. Prerequisite: EDUC1400, EDUC3560.

**EDUC3580 Psychology 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: EDUC1400, PSYC1300.

**EDUC3590 Educational Psychology and Measurement 3 s.h.**

The relationship between psychology and education with emphasis on the individual as a learner and the psychology of the learning process. A review of teaching models and classroom test construction will be covered. Prerequisite: EDUC1400, 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: EDUC2390, EDUC3310.

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

Examine legal provisions, regulations and guidelines regarding unbiased assessment and use of psychometric instruments and instructional assessment measures with disabilities as infants through high school age. Study a variety of instruments, procedures, and practices that range from individual to group and from formal to informal to alternative for the identification of students' reading proficiencies and needs, for planning and revising instruction for all students, and for communicating results of ongoing assessment to all stakeholders. Practice administering, scoring and interpreting diagnostic tests used by schools to individualize program development and management, and identify the relationship between assessment and placement decisions. Prerequisite: EDUC3580, and junior standing.

**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, Social Studies, and Speech Communication/Theatre have full-day placements in regular elementary classroom programs. Interns with endorsements in Art, Foreign Language, 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. Co-requisite: subject-area methods class, EDUC3520, and admittance into Teacher Education. (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. Co-requisite: subject-area methods courses, EDUC3520, admittance into Teacher Education. (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: EDUC1400.

**EDUC4000 Individual Study 1-3 s.h.**

**EDUC4100 Legal, Ethical, and Pedagogical Responsibilities in Education 3 s.h.**

A study of professional ethics, school law, educational policy, and professional organizations. As evidence of readiness for student teaching, students present a pedagogically sound portfolio which has been developed to meet the outcomes specified in the Graceland Teacher Education Program Model. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program. Enroll during the semester that precedes student teaching.

**EDUC4230 Classroom Management 3 s.h.**

Designed for the Elementary and Secondary Education majors in preparation for student teaching. Review several theoretical models for managing groups of students and develop a plan for structuring appropriate learning environment. Understand strategies which motivate students and techniques to monitor student engagement in active learning. Analyze and discuss the application of concepts and techniques. Prerequisites: Admittance into Teacher Education, unless part of an approved Liberal Studies Program. Enroll during the semester that precedes student teaching.

**\*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.)

**\* 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.)

**\* 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.)

Support Courses for Education Major or Endorsements

**ARTS1210 2-D Design 3 s.h.**

Introduction to the visual arts which explores the elements of art and principles of 2-D design while focusing on creativity, idea development, formal criticism, and the understanding of visual language. Through the use of various media, tools, materials, and processes, emphasis will be placed on comprehending contemporary art, non-literal visual problem solving and presentation. Additional fee required. Goal 2A, ELO5 Arts - Innovation

**ARTS1220 3-D Design**

Introduction to the principles of composition in three-dimensional space. Coordinated sequence of studio projects investigates the problems of spatial organization and focuses on creativity, idea development, formal criticism, and the understanding of visual language. Through the use of various media, tools, materials, and processes, emphasis will be placed on comprehending contemporary art, visual problem solving and presentation. Additional fee required. Goal 2A

**ARTS1230 Drawing 3 s.h.**

This introductory course considers drawing as a form of communication and a sustaining practice. Through the use of 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. Additional fee required. Goal 2A, ELO5 Arts - Sustainability

**ARTS2300 Art History Survey: Ancient to Medieval 3 s.h.**

Chronological, cultural and historical study of the visual arts from Paleolithic through Gothic periods in major Western and non-western civilizations. Focus is on the development and sustaining of cultural identity, preservation and cultivation of sustaining culture through storytelling and the birth of Land Art. Goal 4, ELO5 Arts - Sustainability

**ARTS2310 Art History Survey: Renaissance to Modern 3 s.h.**

Chronological, cultural and historical study of the visual arts, technology and innovations from Renaissance through Modern periods in major Western and non-western civilizations. Goal 4, ELO5 Arts - Innovation

**ARTS3100 Modern to Contemporary Art History 3 s.h.**

Cultural, social and historical study of the visual arts from the late 19th century to the present. Examines influences of privilege and inequality on the development of major artists, styles and movements from a global perspective. ELO5 Arts - Equality

**+ 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.

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

Techniques of injury prevention and caring for athletic injuries.

**BIOL1260 Environmental Biology (3-0) 3 s.h.**

An exploration of the environment, including the normal structure and functioning of ecosystems and the human impact on these ecosystems. Current environmental issues, such as human population growth, air and water pollution, climate change, loss of biodiversity, and ecosystem degradation, will be considered. Goal 1A, ELO6 Science - Peace

**BIOL1400 Unity of Life (3-0) 3 s.h.**

A study of the key characteristics of life that unite all living organisms, including humans. Emphasis will be placed on comparing how humans and other organisms fulfill basic life needs. Will not count for credit in the Biology major or minor. Goal 1A, ELO6 Science - Equality

**BIOL2100 Fundamentals of Cell Biology and Genetics (3-2) 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 or CHEM3410 (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 instructor's consent.

**BIOL2360 Microbiology (3-2) 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: CHEM1330 or BIOL2100 or instructor's consent. Goal 1A

**BIOL2430 Animal Biology (3-2) 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: BIOL1400 or BIOL1520. Goal 1A

**BIOL2440 Plant Biology (3-2) 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: BIOL1400 or BIOL1520. Goal 1A

**BIOL2560 Nutrition 3 s.h.**

Study of the principles upon which the science of nutrition is based and the analysis of the principles of nutrition as related to health and disease. Goal 1A

**BIOL3420 Human Anatomy (3-2) 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: BIOL1400 or BIOL2100. Goal 1A

**BIOL3440 Human Physiology (3-2) 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. Goal 1A

**CHEM1430 Principles of Chemistry I (3-0) 3 s.h.**

A study of the general principles, theories, and methods of chemistry. Emphasis is placed on the solving of mathematical problems. Intended for natural science majors and others who require a strong background in chemistry. Prerequisite: Two years of high school mathematics or MATH1280, and one year of high school chemistry or CHEM1330. Corequisite: CHEM1431 Principles of Chemistry I Lab. Goal 1A

**CHEM1431 Principles of Chemistry I Lab (0-3) 1 s.h.**

Additional fee required. Corequisite: CHEM1430 Principles of Chemistry I. Goal 1A

**CHEM1440 Principles of Chemistry II (3-0) 3 s.h.**

A continuation of CHEM1430. Includes semimicro methods of qualitative analysis and common gravimetric and volumetric methods of quantitative analysis. Prerequisite: CHEM1430/1431. Corequisite: CHEM1441 Principles of Chemistry II Lab. Goal 1A

**CHEM1441 Principles of Chemistry II Lab (0-3) 1 s.h.**

Additional fee required. Corequisite: CHEM1440 Principles of Chemistry II. Goal 1A

**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

**ENGL1100 Discourse I 3 s.h.**

"Discourse" refers to the language, images, styles, genres, behaviors and other forms of communication used by specific social and professional groups. This course introduces students to college-level writing and speaking, with a primary focus on composition. In order to lead productive academic, professional, and personal lives, students must learn to communicate their ideas effectively to different audiences in a variety of formats and contexts, as well as to seek and evaluate relevant messages sent by others. Students will produce, deliver, and analyze college-level, written and oral texts; and they will learn how written and oral performances function together in specific discourse communities. Prerequisite for students with ACT English score of 15 and below, or an SAT English score of 480 and below: DEVL1250 or 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. All students must complete Discourse I or transfer in equivalent credit by the end of their third semester at Graceland. Goal 3B, ELO1A Communication

**ENGL1120 Honors Discourse I 3 s.h.**

"Discourse" refers to the language, images, styles, genres, behaviors and other forms of communication used by specific social and professional groups. This course introduces students to college-level writing and speaking, with a primary focus on composition. In order to lead productive academic, professional, and personal lives, students must learn to communicate their ideas effectively to different audiences in a variety of formats and contexts, as well as to seek and evaluate relevant messages sent by others. Designed to help exceptional students produce, deliver, and



analyze college-level, written and oral texts and learn how written and oral performances function together in specific discourse communities. Admission by selection only. Goal 3B, ELO1A Communication

### **ENGL2100 Discourse II 3 s.h.**

The second of three sequenced courses focused on integrated written and oral communication skill development emphasizing critical inquiry and research. Students will learn to produce, deliver, and analyze college-level, written and oral texts that are based on sustained academic research. Students will 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). Prerequisite: ENGL1100. Goal 3C, ELO1B Communication

### **ENGL2120 Honors Discourse II 3 s.h.**

The second of three sequenced courses focused on integrated written and oral communication skill development emphasizing critical inquiry and research. Students will learn to produce, deliver, and analyze college-level, written and oral texts that are 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). Admission by selection only. Prerequisite: ENGL1120. Goal 3C, ELO1B 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

### **ENGL3100 Discourse III 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: Discourse II 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

### **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

### **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

**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.

**HLTH1300 Lifetime Health and Fitness Lab 2 s.h.**

The basic knowledge, understanding, components, and values of fitness and health as they relate to optimal healthful living. Theory and practical application of the basic concepts related to overall fitness and health will be provided by classroom and laboratory experiences (physical activity required). Goal 3F

**HLTH2200 Contemporary Issues in Health 2 s.h.**

An in-depth study of nutrition, drugs, consumer health, and other areas of current concern.

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

Course will focus on the lifelong development of the human from infancy and continuing through adulthood. It will explore the ways of development and learning within physical, cognitive, emotional, and social health, including family environment.

**HLTH2410 Children's Health and Development - K-8 Health and Physical Education Methods Lab 1 s.h.**

Methods and development of teaching competence for prospective K-8 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.

**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.

**HLTH3200 Community Health 3 s.h.**

This course is designed to acquaint students with various aspects of health as implemented in community settings. The nature and structure of official government health programs, voluntary health agencies, professional health groups and individual efforts in improving health practices will be explored.

**HLTH3300 Theory and Practice of Safety 3 s.h.**

General safety education through the life span with emphasis on prevention and intervention for home, school, recreation, occupation, and traffic.

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**HLTH3900 Advanced Topics in Health 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.

**MATH1250 Informal Geometry 3 s.h.**

Major ideas from the various fields of geometry. Topics include analytical, transformational, Euclidean and non-Euclidean geometries, constructions, tiling the plane, and topology. Goal 3A

**MATH1280 College Algebra 3 s.h.**

Solutions of polynomial, rational and radical equations and inequalities, systems of equations, matrices, sequences, series, combinatorics, mathematical induction. Prerequisite: 2 years high school algebra or DEVL1200. Goal 3A, ELO6 Math

**MATH1310 Mathematical Concepts I 3 s.h.**

A systematic development of whole number systems, geometry, and measurement. Prerequisite: 1 year high school algebra; geometry recommended. Goal 3A, ELO6 Math

**MATH1320 Mathematical Concepts II 3 s.h.**

A systematic development of the real number system and its subsystems, symbolic logic. Prerequisite: MATH1310. Goal 3A, ELO6 Math

**MATH1380 Introduction to Statistics 3 s.h.**

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. Elementary ANOVA. Introduction to nonparametric techniques. Prerequisite: 1 year high school algebra. Goal 3A, ELO6 Math

**MATH3320 Modern Geometry 3 s.h.**

Foundations of Euclidean and non-Euclidean geometries. Prerequisite: MATH1510 and MATH2350 or consent of instructor. Goal 3A

**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

**PHED1100 New Games 1 s.h.**

Development and participation of new games for the K-12 learner, lifelong learner, and leisure.

**PHED1200 Motor Learning 2 s.h.**

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

**PHED1240 Introduction to Movement Science 2 s.h.**

The emphasis will be on the development of ideal fundamental movement patterns primarily focused on the upper body and core developed through the principles of progression, variety and precision. We will emphasize the understanding and application of efficient progressions to simultaneously assess, reverse, and reduce injury by improving tissue health. We will accomplish this by asking why through the use of a comprehensive self assessment of proper mobility, ideal muscle balances, and functional movement patterns, and through the use of these assessments we will become skilled at preventative protocols, to arrest, reduce and eliminate unhealthy environments in our soft tissue with the ultimate goal to develop ideal fundamental movement patterns.

**PHED2350 Teaching Team Sports 2 s.h.**

Teaching technique, analysis of skills, and principles of skill development in areas such as soccer, basketball, volleyball and softball. Prerequisite: Health and Movement Science major, Elementary Education major (PE



Concentration), or consent of instructor.

**PHED2370 Teaching Individual Sports 2 s.h.**

Teaching techniques, analysis of skills, and principles of skill development in areas such as golf, bowling, disc golf and racquet sports. Prerequisite: Health and Movement Science major, Elementary Education major (PE Concentration), or consent of instructor.

**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.

**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 3 s.h.**

A systematic study of the bones, joints, and muscles of the human body as well as internal external forces initiating and modifying movement. Prerequisite: BIOL2300 must show grade of "C" or higher. Goal 10 (Goal 10 Catalog 0809+)

**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. Prerequisite: PSYC1300. Goal 1C

**SCIE1250 Descriptive Astronomy 3 s.h.**

A descriptive presentation of the theory and structure of the universe to include celestial coordinates, laws of orbital motion, evolution of the solar system, comets and meteoroids, stellar and galactic structure. Some use of the observatory is included. Goal 1A

**SCIE1310 Fundamentals of Physical Science 3 s.h.**

An integrated study of selected principles and concepts of physics, earth science, and chemistry. (Not intended for science majors.) Goal 1A, ELO6A Science - Peace

**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

**+ SOCI2320 Marriage and the Family 3 s.h.**

Sociological study of the family institution. Topics include dating, marital roles and interaction patterns, socialization, divorce, and others. Goal 1C

**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

**THTR1240 Vocal Presentation Skills 3 s.h.**

The study and use of effective physical and vocal presentation methods. Goal 3B

+ Denotes an alternate year course.

# English as a Second Language

## Courses in English as a Second Language

### **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.

# English

## BA Degree - English Major

In addition to the essential education requirements, majors in English must complete a program of 42 s.h.

All survey courses 12 s.h.

- [ENGL2310](#) British Borders: British Literature to 1800 3 s.h.
- [ENGL2320](#) Britain, Empire, and Modernity: 19th and 20th Century British and Irish Literature 3 s.h.
- [ENGL2330](#) Our Bondage and Our Freedom: Literatures of the Americas, 1491-1865 3 s.h.
- [ENGL2340](#) Legacies of Conquest: American Literature, 1900 to Present 3 s.h.

English electives 9 s.h. (2000 designation or higher; 6 s.h. must be upper-division.)

- Discourse courses required by essential education cannot be counted towards this requirement.

Creative writing/practicum course 3 s.h. of the following:

- [ENGL2410](#) Creative Writing: Poetry 3 s.h.
- [ENGL2420](#) Creative Writing: Fiction 3 s.h.
- [ENGL3300](#) Creative Writing Experiments 3 s.h.
- [ENGL3530](#) Digital Filmmaking 3 s.h.
- [THTR3140](#) Playwriting 3 s.h.

Identity and Difference course 3 s.h. of the following:

- [ENGL2350](#) American Ethnic Literature 3 s.h.
- [ENGL2360](#) African American Literature 3 s.h.
- [ENGL2600](#) Gender and Sexuality 3 s.h.
- [ENGL2610](#) Whiteness and the Working Class 3 s.h.

All of the following: (15 s.h.)

- [ENGL3110](#) Critical Theory 3 s.h.
- [ENGL3420](#) Structures of Modern English 3 s.h.
- [ENGL3430](#) Major Authors 3 s.h.
- [ENGL3480](#) Cultural Studies 3 s.h.
- [\\*ENGL4150](#) Thesis Hours 3 s.h.

\*Thesis hours must be taken over two sequential semesters. A student may register for either 1 or 2 s.h. in a given semester and must do so in arrangement with the English faculty member who will be serving as her or his thesis advisor.

## English Minor

A minor in English requires 18 or more semester hours in English including [ENGL3420](#) or [ENGL3480](#) and two of the following: [ENGL2310](#), [ENGL2320](#), [ENGL2330](#), [ENGL2340](#).

The following courses are **not** acceptable for credit in the minor: ENGL1100, ENGL1120, ENGL1410, ENGL2100, ENGL2120, ENGL3100, ENGL3370.

# Cinema Studies Minor

A minor in Cinema Studies requires 15 or more semester hours from the following:

- [ENGL2510](#) Introduction to Film 3 s.h.
- [ENGL3110](#) Critical Theory **or**  
[ENGL3480](#) Cultural Studies 3 s.h.
- [ENGL3530](#) Digital Filmmaking 3 s.h.
- Other Cinema Studies electives ([ENGL2530](#) Film Topics, [ENGL2540](#) Global Eco-Cinema, [ENGL3550](#) Film Studies, [ENGL3560](#) Race, Space, and Place in American Cinema, [ENGL3570](#) Documentary Film) 6 s.h.

## Teacher Certification in English

1. FOR ENGLISH MAJORS WHO WANT A SECONDARY ENDORSEMENT (5-12): In addition to satisfying major requirements, English majors desiring an English/Language Arts secondary endorsement (5-12) in Iowa must complete [ENGL1100](#) Discourse I, [ENGL2100](#) Discourse II, and the [Teacher Education Program](#) (with [ENGL3370](#) Methods of Teaching English as the appropriate methods course).
2. FOR NON-ENGLISH MAJORS WHO WANT A SECONDARY ENGLISH ENDORSEMENT (5-12): Non-English majors desiring a secondary English/ Language Arts endorsement (5-12) in Iowa must complete the [Secondary Education Program](#) (with [ENGL3370](#) Methods of Teaching English as the appropriate methods course), a major in a secondary teaching field and the following courses:

[ENGL1100](#) Discourse I 3 s.h.

[ENGL2100](#) Discourse II 3 s.h.

[ENGL3100](#) Discourse III 3 s.h.

[ENGL2310](#) British Borders: British Literature to 1800 **or**

[ENGL2320](#) Britain, Empire, and Modernity: 19th and 20th Century British and Irish Literature 3 s.h.

[ENGL2330](#) Our Bondage and Our Freedom: Literatures of the Americas, 1491-1865 3 s.h.

[ENGL3420](#) Structures of Modern English 3 s.h.

Approved English Electives 6 s.h.

## Courses in English

+Denotes an alternate year course.

### **[ENGL1100](#) Discourse I 3 s.h.**

"Discourse" refers to the language, images, styles, genres, behaviors and other forms of communication used by specific social and professional groups. This course introduces students to college-level writing and speaking, with a primary focus on composition. In order to lead productive academic, professional, and personal lives, students must learn to communicate their ideas effectively to different audiences in a variety of formats and contexts, as well as to seek and evaluate relevant messages sent by others. Students will produce, deliver, and analyze college-level, written and oral texts; and they will learn how written and oral performances function together in specific discourse communities. Prerequisite for students with ACT English score of 15 and below, or an SAT English score of 480 and below: DEVL1250 or 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. All students must complete Discourse I or transfer in equivalent credit by the end of their third semester at Graceland. Goal 3B, ELO1A Communication

### **[ENGL1120](#) Honors Discourse I 3 s.h.**

"Discourse" refers to the language, images, styles, genres, behaviors and other forms of communication used by

specific social and professional groups. This course introduces students to college-level writing and speaking, with a primary focus on composition. In order to lead productive academic, professional, and personal lives, students must learn to communicate their ideas effectively to different audiences in a variety of formats and contexts, as well as to seek and evaluate relevant messages sent by others. Designed to help exceptional students produce, deliver, and analyze college-level, written and oral texts and learn how written and oral performances function together in specific discourse communities. Admission by selection only. Goal 3B, ELO1A Communication

**ENGL1410 Modern Rhetoric 3 s.h.**

Designed to help students improve their writing skills by combining extensive writing practice with a study of the various forms of written discourse (exposition, narration, argumentation, description). For ACE students only. Goal 3C

**ENGL1500 Introduction to Literature 3 s.h.**

Introduction to the major genres of literature: fiction, poetry and drama. Designed for students with little or no background in literature. Recommended as preparation for other literature courses. Goal 2B

**ENGL2000 Individual Study 1-3 s.h.**

**ENGL2100 Discourse II 3 s.h.**

The second of three sequenced courses focused on integrated written and oral communication skill development emphasizing critical inquiry and research. Students will learn to produce, deliver, and analyze college-level, written and oral texts that are based on sustained academic research. Students will 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). Prerequisite: ENGL1100. Goal 3C, ELO1B Communication

**ENGL2120 Honors Discourse II 3 s.h.**

The second of three sequenced courses focused on integrated written and oral communication skill development emphasizing critical inquiry and research. Students will learn to produce, deliver, and analyze college-level, written and oral texts that are 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). Admission by selection only. Prerequisite: ENGL1120. Goal 3C, ELO1B 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

**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

**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

**ENGL2340 Legacies of Conquest: American Literature, 1900 to Present 3 s.h.**

Survey of U.S. Literature in the 20th and 21st centuries. Special attention given to the emergence of the U.S. as a dominant world power, the impact of global migration to the United States, and the influence of those two socio-historical transformations on U.S. Literature. Goal 2B, ELO5 Humanities - World Citizenship

**++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

**++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

**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

**+ 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

**+ 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

**+ ENGL2500 Introduction to Mass Media (Also COMM2500) 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.

**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

**++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

**++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

**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.

**ENGL3000 Individual Study 1-3 s.h.**

**ENGL3100 Discourse III 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: Discourse II 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.

**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

**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



### **ENGL3300 Creative Writing Experiments 3 s.h.**

An investigation of experimental writing and the ways it disrupts preconceived notions of genre. Students will write individually and collaboratively, composing short stories, poems, nonfiction pieces, and comics that reimagine the uses and possibilities of language. Goal 2B, ELO5 Humanities - Innovation

### **+ ENGL3350 Shakespeare (Also THTR3350) 3 s.h.**

Study of a selection of plays and poems likely authored or co-authored by Shakespeare, emphasizing the plays as historical performance texts. Encourages students to locate Shakespeare's works within Renaissance-era notions of harmony and discord, and war and peace. Goal 2B, ELO5 Humanities - 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.

### **+ 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

### **+ 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

### **+ 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

### **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

### **ENGL3560 Race, Space, and Place in American Cinema 3 s.h.**

An investigation of intersecting representations of race, space, and place in postwar American Cinema and the different ways that films reproduce dominant cultural notions of "racialized space" that contribute to ongoing problems such as segregation, economic inequality, and police brutality. Emphasis on how films can challenge systems of spatialized racism and other forms of oppression and help in the struggles for racial and environmental justice. Additional emphasis on formal qualities of films, such as editing and cinematography, as ways to develop and enrich interpretations of what we see on screen. Goal 2B, ELO5 Humanities - Equality

### **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 1-2 s.h.**

Planning, preparing, and presenting a senior project in the student's area of concentration. Repeatable for credit up to 3 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.

+ Denotes an alternate year course.

++ Denotes a course on a four-year cycle.

Support Course for English Major

**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.

# General

## Courses in General Electives

### **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 1 s.h.**

A practical application of the principles and skills of effective peer mentoring with emphasis on providing the academic support necessary to help Student Support Services participants remain in school and reach graduation. 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 in Geography

### **GEOG1200 Introduction to International Studies (also INTD/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

### **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.**

+Denotes an alternate year course.

# Health and Movement Science

## BA Degree - Health and Movement Science Major

In addition to the essential education requirements, majors in Health and Movement Science must complete the core requirements as prescribed below and a minimum of one concentration from Health, Health Education, Physical Education, or Coaching.

Core Requirements for all concentrations:

- [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. **or** [PHED0610](#) Life Guard Training 1 s.h.
- [HMSC4320](#) Organizational Administration and Policy Analysis 3 s.h.
- [HMSC4900](#) Research I 2 s.h.
- [HMSC4910](#) Research II 1 s.h.

Health Concentration

- [BIOL2350](#) Introduction to Microbiology 4 s.h. **or** [BIOL2360](#) Microbiology 4 s.h.
- [BIOL2560](#) Nutrition 3 s.h.
- [HLTH2200](#) Contemporary Issues in Health 2 s.h.
- [HLTH2400](#) Children's Health and Development 3 s.h.
- [HLTH3100](#) Drugs Education and Behavior 3 s.h.
- [HLTH3120](#) Human Sexuality 3 s.h.
- [HLTH3200](#) Community Health 3 s.h.
- [HLTH3300](#) Theory and Practice of Safety 3 s.h.
- [HLTH3900](#) Advanced Topics in Health 3 s.h.
- [SOC12320](#) Marriage and the Family 3 s.h.

Recommended Electives:

- [BIOL3310](#) Molecular Genetics 4 s.h.
- [HLTH4700](#) Internship in Health 3-6 s.h.
- [PSYC2250](#) Developmental Psychology 3 s.h.
- [PSYC3330](#) Biopsychology 3 s.h.

Health Education Concentration

In addition to the Health Education Concentration, students must also complete requirements for Teacher Certification in Health.

- [BIOL2560](#) Nutrition 3 s.h.
- [HLTH2400](#) Children's Health and Development 3 s.h.
- [HLTH2410](#) Children's Health and Development – K-8 Health and Physical Education Methods Lab 1 s.h.
- [HLTH3100](#) Drugs Education and Behavior 3 s.h.
- [HLTH3120](#) Human Sexuality 3 s.h.
- [HLTH3200](#) Community Health 3 s.h.
- [HLTH3300](#) Theory and Practice of Safety 3 s.h.
- [HLTH3900](#) Advanced Topics in Health 3 s.h.
- [PHED3333](#) Methods and Assessment of Teaching 5-12 Health and Physical Education 4 s.h.
- [PHED/RECR3430](#) Adaptive Physical Education 3 s.h.
- [SOC12320](#) Marriage and the Family 3 s.h.

## Recommended Electives:

- [BIOL2350](#) Introduction to Microbiology **or** [BIOL2360](#) Microbiology 4 s.h.
- Swimming Proficiency 1 s.h. (Fall only)\*  
(This requirement can be met through PHED0140, PHED0360, PHED0480, PHED0610, or PHED2240 or completion of a prescribed sequence of swimming skills under the observation of a trained instructor.)
- [PHED1100](#) New Games 1 s.h.\*
- [PHED1200](#) Motor Learning 2 s.h.\*
- [PHED1240](#) Introduction to Movement Sciences 2 s.h.\*
- [PHED2350](#) Teaching Team Sports 2 s.h.\*
- [PHED2370](#) Teaching Individual Sports 2 s.h.\*
- [PHED1260](#) Movement Science II 3 s.h.
- [PHED2260](#) Introduction to Performance 3 s.h.
- [PHED2380](#) Creative Rhythm and Movement 3 s.h.\*
- [PHED3280](#) The Foundations of Physical Education 3 s.h.\*
- [PHED3340](#) Biomechanics 3 s.h.\*
- [PHED4360](#) Physiology of Exercise 3 s.h.

\*By completing these courses, a dual endorsement in Physical Education could be obtained.

## Physical Education Concentration\*\*

- [HLTH2400](#) Children's Health and Development 3 s.h.
- [PHED1100](#) New Games 1 s.h.
- [PHED1200](#) Motor Learning 2 s.h.
- [PHED1240](#) Introduction to Movement Sciences 3 s.h.
- [PHED2350](#) Teaching Team Sports 2 s.h.
- [PHED2370](#) Teaching Individual Sports 2 s.h.
- [PHED2380](#) Creative Rhythm and Movement 3 s.h.
- [PHED3280](#) The Foundations of Physical Education 3 s.h.
- [PHED3340](#) Biomechanics 3 s.h.
- [PHED/RECR3430](#) Adaptive Physical Education 3 s.h.
- Swimming Proficiency 1 s.h.  
(This requirement can be met through PHED0140, PHED0360, PHED0480, PHED0610, or PHED2240 or completion of a prescribed sequence of swimming skills under the observation of a trained instructor.)

## Recommended electives:

- [BIOL2560](#) Nutrition 3 s.h.\*
- [HLTH3100](#) Drugs Education and Behavior 3 s.h.\*
- [HLTH3120](#) Human Sexuality 3 s.h.\*
- [HLTH3200](#) Community Health 3 s.h.\*
- [HLTH3300](#) Theory and Practice of Safety 3 s.h.\*
- [HLTH3900](#) Advanced Topics in Health 3 s.h.\*
- [PHED1260](#) Movement Science II 3 s.h.
- [PHED2260](#) Introduction to Performance 3 s.h.
- [PHED4360](#) Physiology of Exercise 3 s.h.
- [SOC12320](#) Marriage and the Family 3 s.h.\*

\*By completing these courses, a dual endorsement in Health Education could be obtained when the student completes requirements for Teacher Certification.

\*\*If the student desires a teaching certificate, the student must also complete requirements for Teacher Certification in Physical Education.

## Coaching Concentration

- [PHED1200](#) Motor Learning 2 s.h.
- [PHED1240](#) Introduction to Movement Science 2 s.h.
- [PHED2200](#) Sport Officiating 2 s.h.
- [PHED2350](#) Teaching Team Sports 2 s.h.
- [PHED3340](#) Biomechanics 3 s.h.
- [PHED/PSYC3130](#) Sports Psychology 3 s.h.
- [PHED3410](#) Theory of Coaching 1 s.h.
- [PHED3420](#) Practicum in Coaching 2 s.h.
- [PHED/RECR3430](#) Adaptive Physical Education 3 s.h.
- [PSYC2250](#) Developmental Psychology 3 s.h.
- [RECR1210](#) Theory and Practice of Leadership 3 s.h.
- [RECR3350](#) Sport Facility Management 3 s.h.

Recommended electives for coaching concentration:

- [BIOL2560](#) Nutrition 3 s.h.
- [HLTH3300](#) Theory and Practice of Safety 3 s.h.
- [HLTH3900](#) Advanced Topics in Health 3 s.h.
- [PHED1100](#) New Games 1 s.h.
- [PHED3280](#) The Foundations of Physical Education 3 s.h.
- [SPMT2300](#) Legal & Ethical Issues in Sports 3 s.h.

## Teacher Certification in Health

### 1. FOR HEALTH AND MOVEMENT SCIENCE MAJORS EARNING K-12 ENDORSEMENTS:

Students majoring in [Health and Movement Science](#) who desire Iowa Teacher Certification with elementary and secondary Health endorsements must also complete the [Secondary Education Program](#) (with [HLTH2410](#) Children's Health and Development - K-8 Health and Physical Education Methods Lab and [PHED3333](#) Methods and Assessment of Teaching 5-12 Health and Physical Education as the appropriate methods courses).

### 2. FOR NON-HEALTH AND MOVEMENTS SCIENCE MAJORS WHO WANT A SECONDARY HEALTH ENDORSEMENT (5-12):

Non-Health and Movement Science majors desiring a Health secondary endorsement (5-12) in Iowa must complete the [Secondary Education Program](#) (with [PHED3333](#) Methods and Assessment of Teaching 5-12 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.
- [BIOL2560](#) Nutrition 3 s.h.
- [HLTH1100](#) First Aid **or**  
  - [PHED0610](#) Life Guard Training 1 s.h.
- [HLTH2400](#) Children's Health and Development 3 s.h.
- [HLTH3100](#) Drugs Education and Behavior 3 s.h.
- [HLTH3120](#) Human Sexuality 3 s.h.
- [HLTH3200](#) Community Health 3 s.h.
- [HLTH3300](#) Theory and Practice of Safety 3 s.h.
- [SOC12320](#) Marriage and the Family 3 s.h.

## Teacher Certification in Physical Education



1. FOR HEALTH AND MOVEMENT SCIENCE MAJORS EARNING K-12 ENDORSEMENTS: Students majoring in [Health and Movement Science](#) who desire Iowa Teacher Certification with elementary and secondary Physical Education endorsement must also complete the [Secondary Education Program](#) (with [HLTH2410](#) Children's Health and Development - K-8 Health and Physical Education Methods Lab and [PHED3333](#) Methods and Assessment of Teaching 5-12 Health and Physical Education as the appropriate methods courses).
2. FOR NON-HEALTH AND MOVEMENT SCIENCE MAJORS WHO WANT A SECONDARY PHYSICAL EDUCATION ENDORSEMENT (5-12): Non-Health and Movement Science majors desiring a Physical Education secondary endorsement (5-12) in Iowa must complete the [Secondary Education Program](#) (with [PHED3333](#) Methods and Assessment of Teaching 5-12 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 **or**  
[PHED0610](#) Life Guard Training 1 s.h.
  - [HLTH2400](#) Children's Health and Development 3 s.h.
  - [PHED1100](#) New Games 1 s.h.
  - [PHED1200](#) Motor Learning 2 s.h.
  - [PHED2350](#) Teaching Team Sports 2 s.h.
  - [PHED2370](#) Teaching Individual Sports 2 s.h.
  - [PHED2380](#) Creative Rhythm and Movement 3 s.h.
  - [PHED3280](#) The Foundations of Physical Education 3 s.h.
  - [PHED3340](#) Biomechanics 3 s.h.
  - [PHED/RECR3430](#) Adaptive Physical Education 3 s.h.

## Authorizations/Certifications

FOR STUDENTS SEEKING AN IOWA COACHING AUTHORIZATION, 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 **or**  
[PHED0610](#) Life Guard Training 1 s.h.
- [HLTH2400](#) Children's Health and Development 3 s.h. **or**  
[PSYC2250](#) Developmental Psychology 3 s.h.
- [PHED3410](#) Theory of Coaching 1 s.h.

## Health and Movement Science Courses

### **[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.

**HMSC4900 Research I 2 s.h.**

The development of a research project with current issues and trends in health and movement science. Research methods will be presented. Students will be required to select a topic and a review of related literature. Prerequisite: Health and Movement Science majors with junior standing.

**HMSC4910 Research II 1 s.h.**

The design, implementation, analysis and presentation of results of the research project developed in HMSC4900 Senior Seminar I. Prerequisite: HMSC4900.

Support Courses for Health and Movement Science Major

**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

**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 instructor's consent.

**BIOL2360 Microbiology (3-2) 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: CHEM1330 or BIOL2100 or instructor's consent. Goal 1A

**BIOL2560 Nutrition 3 s.h.**

Study of the principles upon which the science of nutrition is based and the analysis of the principles of nutrition as related to health and disease. Goal 1A

**BIOL3310 Molecular Genetics (3-3) 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). Goal 1A

**BIOL3420 Human Anatomy (3-2) 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: BIOL1400 or BIOL2100. Goal 1A

**BIOL3440 Human Physiology (3-2) 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. 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.

**HLTH2200 Contemporary Issues in Health 2 s.h.**

An in-depth study of nutrition, drugs, consumer health, and other areas of current concern.

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

Course will focus on the lifelong development of the human from infancy and continuing through adulthood. It will explore the ways of development and learning within physical, cognitive, emotional, and social health, including family environment.

**HLTH2410 Children's Health and Development - K-8 Health and Physical Education Methods Lab 1 s.h.**

Methods and development of teaching competence for prospective K-8 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.

**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.

**HLTH3200 Community Health 3 s.h.**

This course is designed to acquaint students with various aspects of health as implemented in community settings. The nature and structure of official government health programs, voluntary health agencies, professional health groups and individual efforts in improving health practices will be explored.

**HLTH3300 Theory and Practice of Safety 3 s.h.**

General safety education through the life span with emphasis on prevention and intervention for home, school, recreation, occupation, and traffic.

**HLTH3900 Advanced Topics in Health 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.

**HLTH4700 Internship in Health 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 agency. Six weeks of involvement preferably taken consecutively. Waived for student completing teacher education program. Repeatable to a maximum of six hours.

**PHED1100 New Games 1 s.h.**

Development and participation of new games for the K-12 learner, lifelong learner, and leisure.

**PHED1200 Motor Learning 2 s.h.**

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

**PHED1240 Introduction to Movement Science 2 s.h.**

The emphasis will be on the development of ideal fundamental movement patterns primarily focused on the upper body and core developed through the principles of progression, variety and precision. We will emphasize the understanding and application of efficient progressions to simultaneously assess, reverse, and reduce injury by improving tissue health. We will accomplish this by asking why through the use of a comprehensive self assessment of proper mobility, ideal muscle balances, and functional movement patterns, and through the use of these

assessments we will become skilled at preventative protocols, to arrest, reduce and eliminate unhealthy environments in our soft tissue with the ultimate goal to develop ideal fundamental movement patterns.

**PHED1260 Movement Science II I 2 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: PHED1240 Introduction to Movement Science.

**PHED2200 Theory and Practice in Aquatics 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 2 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: PHED1260 Movement Science II.

**PHED2350 Teaching Team Sports 2 s.h.**

Teaching technique, analysis of skills, and principles of skill development in areas such as soccer, basketball, volleyball and softball. Prerequisite: Health and Movement Science major, Elementary Education major (PE Concentration), or consent of instructor.

**PHED2370 Teaching Individual Sports 2 s.h.**

Teaching techniques, analysis of skills, and principles of skill development in areas such as golf, bowling, disc golf and racquet sports. Prerequisite: Health and Movement Science major, Elementary Education major (PE Concentration), or consent of instructor.

**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.

**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 5-12 Health and Physical Education 4 s.h.**

Theory and development of teaching competence for prospective teachers of health and physical education at 5-12 levels. Implementation of assessment and evaluation techniques through classroom and practical experiences. .

**PHED3340 Biomechanics 3 s.h.**

A systematic study of the bones, joints, and muscles of the human body as well as internal external forces initiating and modifying movement. Prerequisite: BIOL2300 must show grade of "C" or higher. Goal 10 (Goal 10 Catalog 0809+)

**PHED3410 Theory of Coaching 1 s.h.**

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

**PHED3420 Practicum in Coaching 2 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."

**PHED4360 Physiology of Exercise 3 s.h.**

The principles and practices of energizing the human body for physical exercise. Prerequisite: BIOL2300 must show grade of "C" or better.

**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. Prerequisite: PSYC1300. Goal 1C

**+ PSYC3330 Biopsychology 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 and one of the following: BIOL1300, BIOL1400, BIOL2300. Goal 1C

**+ 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.

**+ RECR3350 Sport Facility Management 3 s.h.**

Explores problems, principles, and techniques of management, design, and operation of selected elite sport, mass sport and recreation facilities.

**+ SOCI2320 Marriage and the Family 3 s.h.**

Sociological study of the family institution. Topics include dating, marital roles and interaction patterns, socialization, divorce, and others. Goal 1C

**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.

# Health Care Management

## BA Degree - Health Care Management Major

In addition to the essential education requirements, Healthcare Management majors must complete 30 semester hours as prescribed below:

- [BUAD3330](#) Principles of Marketing 3 s.h.
- [HCAD3330](#) Healthcare Finance and Economics 3 s.h.
- [HCAD3420](#) Human Resources and Organizational Behavior for Healthcare 3 s.h.
- [HCAD4100](#) Internship in Healthcare Management 3 s.h.
- [HCAD4300](#) Introduction to Healthcare Informatics 3 s.h.
- [HCAD4310](#) Healthcare Electronic Database Systems 3 s.h.
- [HCAD4320](#) Electronic Data Management 3 s.h.
- [HCAD4400](#) Quality Assurance in Operation Management 3 s.h.
- [HCAD4500](#) Leadership in Healthcare 3 s.h.
- [INTD3720](#) Legal Aspects of Healthcare Management 3 s.h.

## Courses in Health Care Management

### **[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.

### **[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.

### **[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.



**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.

Support courses for Health Care Management Major

**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



# Health

## Teacher Certification in Health

### 1. FOR HEALTH AND MOVEMENT SCIENCE MAJORS EARNING K-12 ENDORSEMENTS:

Students majoring in [Health and Movement Science](#) who desire Iowa Teacher Certification with elementary and secondary Health endorsements must also complete the [Secondary Education Program](#) (with [HLTH2410](#) Children's Health and Development - K-8 Health and Physical Education Methods Lab and [PHED3333](#) Methods and Assessment of Teaching 5-12 Health and Physical Education as the appropriate methods courses).

### 2. FOR NON-HEALTH AND MOVEMENTS SCIENCE MAJORS WHO WANT A SECONDARY HEALTH ENDORSEMENT (5-12):

Non-Health and Movement Science majors desiring a Health secondary endorsement (5-12) in Iowa must complete the [Secondary Education Program](#) (with [PHED3333](#) Methods and Assessment of Teaching 5-12 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.
- [BIOL2560](#) Nutrition 3 s.h.
- [HLTH1100](#) First Aid **or**  
[PHED0610](#) Life Guard Training 1 s.h.
- [HLTH2400](#) Children's Health and Development 3 s.h.
- [HLTH3100](#) Drugs Education and Behavior 3 s.h.
- [HLTH3120](#) Human Sexuality 3 s.h.
- [HLTH3200](#) Community Health 3 s.h.
- [HLTH3300](#) Theory and Practice of Safety 3 s.h.
- [SOCI2320](#) Marriage and the Family 3 s.h.

## Courses in Health

### **[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.

**HLTH1300 Lifetime Health and Fitness Lab 2 s.h.**

The basic knowledge, understanding, components, and values of fitness and health as they relate to optimal healthful living. Theory and practical application of the basic concepts related to overall fitness and health will be provided by classroom and laboratory experiences (physical activity required). Goal 3F

**HLTH2000 Individual Study 1-3 s.h.**

**HLTH2200 Contemporary Issues in Health 2 s.h.**

An in-depth study of nutrition, drugs, consumer health, and other areas of current concern.

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

Course will focus on the lifelong development of the human from infancy and continuing through adulthood. It will explore the ways of development and learning within physical, cognitive, emotional, and social health, including family environment.

**HLTH2410 Children's Health and Development - K-8 Health and Physical Education Methods Lab 1 s.h.**

Methods and development of teaching competence for prospective K-8 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.

**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.

### **HLTH3200 Community Health 3 s.h.**

This course is designed to acquaint students with various aspects of health as implemented in community settings. The nature and structure of official government health programs, voluntary health agencies, professional health groups and individual efforts in improving health practices will be explored.

### **HLTH3300 Theory and Practice of Safety 3 s.h.**

General safety education through the life span with emphasis on prevention and intervention for home, school, recreation, occupation, and traffic.

### **HLTH3900 Advanced Topics in Health 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.

### **HLTH4700 Internship in Health 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 agency. Six weeks of involvement preferably taken consecutively. Waived for student completing teacher education program. Repeatable to a maximum of six hours.

### **Support Courses for Health Endorsement**

### **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

### **BIOL2560 Nutrition 3 s.h.**

Study of the principles upon which the science of nutrition is based and the analysis of the principles of nutrition as related to health and disease. Goal 1A

### **BIOL3420 Human Anatomy (3-2) 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: BIOL1400 or BIOL2100. Goal 1A

### **BIOL3440 Human Physiology (3-2) 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. Goal 1A

**PHED0610 Life Guard Training 1 s.h.**

Additional fee required.

**PHED3333 Methods and Assessment of Teaching 5-12 Health and Physical Education 4 s.h.**

Theory and development of teaching competence for prospective teachers of health and physical education at 5-12 levels. Implementation of assessment and evaluation techniques through classroom and practical experiences. .

**+ SOCI2320 Marriage and the Family 3 s.h.**

Sociological study of the family institution. Topics include dating, marital roles and interaction patterns, socialization, divorce, and others. Goal 1C

# History

## BA Degree — History Major

In addition to the essential education requirements, History majors must complete 34 semester hours as described below:

### Core Requirements 13 s.h.

- [HIST1310](#) World Civilizations I 3 s.h.
- [HIST1320](#) World Civilizations II 3 s.h.
- [HIST2400](#) Historical Inquiry 3 s.h.
- [HIST/POLS4900](#) Senior Seminar I 1 s.h.
- [HIST/POLS4910](#) Senior Seminar II 3 s.h.

### Pre-1800 Courses 3 s.h.

- Students complete one of the following courses:
- [HIST2340](#) Middle Eastern Civilizations I 3 s.h.
- [HIST3110](#) Gender and Women's History 3 s.h.
- [HIST/RELG3520](#) History of Christianity - The Last 1000 Years 3 s.h.
- [HIST3600](#) The Ancient Mediterranean World 3 s.h.
- [HIST3620](#) The Middle Ages 3 s.h.

### Survey Courses 6 s.h.

- Students complete two of the following courses:
- [HIST2200](#) Survey of Latin American History I 3 s.h.
- [HIST2210](#) Survey of Latin American History II 3 s.h.
- [HIST2360](#) Middle Eastern Civilizations II 3 s.h.
- [HIST2410](#) United States History to 1877 3 s.h.
- [HIST2420](#) United States History Since 1877 3 s.h.

### Specialized Upper Division Courses 9 s.h.

- Students complete three of the following courses:
- [HIST/POLS3240](#) Rights and Responsibilities in the United States 3 s.h.
- [HIST/POLS3370](#) The United States Presidency 3 s.h.
- [HIST/POLS3460](#) United States Foreign Relations 3 s.h.
- [HIST/POLS3470](#) British Foreign Relations 3 s.h.
- [HIST3550](#) Contemporary United States History 3 s.h.
- [HIST3640](#) Early Modern Europe, 1350 - 1815 3 s.h.
- [HIST3660](#) Modern Europe, 1789 - Present 3 s.h.
- [HIST3530](#) History of the Palestinian-Israeli Conflict 3 s.h.
- [HIST3540](#) United States Military History 3 s.h.

### Additional History Electives 3 s.h.

- Students must take an additional history course of their choice.

Students are strongly encourage to take at least two semesters of a foreign or classical language.

# History Minor

A History minor consists of 18 hours or more in history including [HIST2400](#), six upper division hours, and at least three hours in each of the following areas: United States History, European History, Non-Western or Ancient History.

## Teacher Certification in History

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](#) (with [SOSC3390](#) Methods of Teaching Social Studies as the appropriate methods course), a major in History or Secondary teaching field, and

(A.) 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

(B.) 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 in History

### **[HIST1100](#) The History of Iowa 3 s.h.**

A survey of Iowa from the 1600s to the present, including Native Americans, early European and U.S. settlement, the path to statehood, the development of agriculture, military conflicts, religion, education, and Iowa's role in the nation and world, with opportunities for students to explore local history resources. Offered online only. Does not fulfill a general education requirement.

### **[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

### **[HIST1280](#) History of the Community of Christ (Also RELG1280) 3 s.h.**

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.

### **[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

### **[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

**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, acquisition, 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.**

**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

**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

**+ HIST2340 Middle Eastern Civilization I 3 s.h.**

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

**+ 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

**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

**HIST2560 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

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

**HIST3000 Individual Study Goal 1B 1-3 s.h.**



### **HIST3110 Gender and Women's History 3 s.h.**

A research-based study of how “gendered” persons are related to the history of work, family, politics, education and social behavior in various world cultures throughout history. Upon successful completion of this course, students will have an understanding of how gender labels were applied throughout history, how they affected a group’s access to power, and how those applications affected perceptions and societal roles. Goal 1B

### **+ 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

### **+ 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

### **+ 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

### **+ HIST3470 British Foreign Relations (Also POLS3470) 3 s.h.**

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

### **+ HIST3520 History of Christianity - The Last 1000 Years (Also RELG3520) 3 s.h.**

An advanced study of the history of Christianity as it developed from the Crusades into the 20th Century. Topics will include the Crusades, the Avignon Papacy and Great Schism, the push for unity, early reform groups, the Reformation, wars of religion, religious imperialism, modern challenges to Christianity, and the Church to Vatican II. Aspects of both continuity and change within the doctrine, popular belief and structure of Christianity will be emphasized. Goal 1B

### **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

### **+ HIST3600 The Ancient Mediterranean World 3 s.h.**

A thematic study of continuity and developments in the ancient Mediterranean world. Civilizations to be covered include Mesopotamia, Egypt, the development of Judaism as a culture and religion, Persia, Greece and the Alexandrian Empires, and the Roman Republic and Empire. Historical research and writing practices will be emphasized. Goal 1B

### **+ 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

**+ 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

**+ 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

**HIST3700 History Museum Management Internship 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, acquisition, 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.**

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

**HIST4000 Individual Study 1-3 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.**

The research, writing, and evaluation of the completed seminar paper. Prerequisite: HIST4900.

Support Course for History Majors

**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.

+Denotes an alternate year course.

# 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 3.50, both cumulative and in their honors work, and complete a minimum of 21 s.h. of honors credit, including:

Twelve required hours:

[ENGL2120](#) Honors Discourse II 3 s.h.

[INTD3800](#) Junior Honors Seminar 3 s.h.

[INTD4800 Senior Honors Seminar 3 s.h.](#)

[ACCT-THTR4850](#) Honors Thesis/Senior Project (discipline number assigned to correspond to topic) 3 s.h.

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 (e.g. Honors Discourse) 9 s.h.

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

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

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

## Honors Courses

[ENGL1120](#) Honors Discourse I 3 s.h.

"Discourse" refers to the language, images, styles, genres, behaviors and other forms of communication

used by specific social and professional groups. This course introduces students to college-level writing and speaking, with a primary focus on composition. In order to lead productive academic, professional, and personal lives, students must learn to communicate their ideas effectively to different audiences in a variety of formats and contexts, as well as to seek and evaluate relevant messages sent by others. Designed to help exceptional students produce, deliver, and analyze college-level, written and oral texts and learn how written and oral performances function together in specific discourse communities. Admission by selection only. Goal 3B, ELO1A Communication

**ENGL2120 Honors Discourse II 3 s.h.**

The second of three sequenced courses focused on integrated written and oral communication skill development emphasizing critical inquiry and research. Students will learn to produce, deliver, and analyze college-level, written and oral texts that are 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). Admission by selection only. Prerequisite: ENGL1120. Goal 3C, ELO1B Communication

**INTD2330 Honors Humanities: 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. Prerequisite: Honors Program or instructor consent. Goal 2B

**INTD3800 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.

**INTD4800 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.

**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.

# Interdisciplinary

## Interdisciplinary Courses

### **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

### **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

### **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

**INTD2330 Honors Humanities: 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. Prerequisite: Honors Program or instructor consent. Goal 2B

**INTD3000 Individual Study 1-3 s.h.**

**INTD3100 Intercultural Communication (also COMM3100) 3 s.h.**

An examination of concepts which have application to communication across cultural boundaries, with emphasis on relating them to effective intercultural communication skills. Goal 4

**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.

**INTD3800 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.

**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.**

**INTD4100 Internship in International Studies 1-3 s.h.**

An internship that allows students to work with professionals who are in career areas relating to the field of



international studies. The student will play an active role in identifying potential field sponsors. (Graded on a Pass/Fail basis). Prerequisite: Instructor's consent.

**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: INTD3100 and Instructor's consent.

**INTD4700 Liberal Studies Capstone 3 s.h.**

In this capstone course for the Liberal Studies/General Studies major, the student 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 general education, and may not be repeated for credit.)

**INTD4800 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.

+ Denotes an alternate year course.

# International Studies

## BA Degree - International Studies Major

A Bachelor of Arts degree with a major in International Studies is designed to prepare students (1) for careers in Foreign Service, other government agencies, international organizations, and (2) for the many opportunities of international dimension in business, medicine, the humanities, the church, etc. It is an interdisciplinary major and is structured to allow the student a broad spectrum of courses with international emphasis, a concentration in one discipline, and a depth of knowledge of one area of the world. Students are encouraged to complete an internship in an area related to International Studies.

In addition to the essential education requirements, the student majoring in International Studies must complete at least 40 semester hours including:

### Core Requirements 7 s.h.

- [GEOG/INTD/POLS1200](#) Introduction to International Studies 3 s.h.
- [COMM/INTD3100](#) Intercultural Communication 3 s.h.
- [INTD4200](#) Study Abroad Retrospective 1 s.h.

### Political Science/Economics Options 6 s.h.

Students complete two of the following courses:

- [BUAD1440](#) International Business 3 s.h.
- [ECON/GEOG3280](#) Economic Development 3 s.h.
- [ECON3440](#) International Economics 3 s.h.
- [HIST/POLS3460](#) United States Foreign Relations 3 s.h.
- [HIST/POLS3470](#) British Foreign Relations 3 s.h.
- [PEAC/POLS2200](#) Introduction to Peace Studies 3 s.h.
- [PEAC/POLS3220](#) Global Peace Issues 3 s.h.

### Behavioral Options 6 s.h.

Students complete two of the following courses:

- [COMM/PEAC/SOCI3210](#) Conflict Resolution 3 s.h.
- [PSYC3320](#) Research Methods One 3 s.h.
- [PSYC3370](#) Cross Cultural Psychology 3 s.h.
- [SOCI1350](#) Cultural Anthropology 3 s.h.

### Cultural Options 3 s.h.

Students complete one of the following courses:

- [ARTS2300](#) Art History Survey: Ancient to Medieval 3 s.h.
- [ARTS2310](#) Art History Survey: Renaissance to Modern 3 s.h.
- [MUSC2350](#) Musics of the World 3 s.h.
- [THTR3380](#) Theatre History II 3 s.h.

### Religion Options 3 s.h.

Students complete one of the following courses:

- [PHIL/RELG3100](#) World Philosophies and Religion: Great Texts 3 s.h.
- [RELG3200](#) Religions of the World 3 s.h.

### History Options 6 s.h.

Students complete two of the following courses:

- [HIST1310](#) World Civilizations I 3 s.h.
- [HIST1320](#) World Civilizations II 3 s.h.
- [HIST2200](#) Survey of Latin American History I 3 s.h.
- [HIST2210](#) Survey of Latin American History II 3 s.h.
- [HIST2340](#) Middle Eastern Civilizations I 3 s.h.
- [HIST2360](#) Middle Eastern Civilizations II 3 s.h.
- [HIST3110](#) Gender and Women's History 3 s.h.

### **Area Studies Requirement 9 s.h.**

Students must complete nine semester hours of study pertaining to one country or area of the world, excluding courses chosen above, which corresponds to the area chosen for their Approved Study Abroad experience. Of these nine semester hours, students must participate in an approved study abroad or internship abroad experience at a nationally or internationally accredited institution for a minimum of six semester hours. The intention is that students will complete at least six semester hours of their area studies while completing their study abroad. The student is required to spend at least six weeks in residence in the area of the world chosen for the area studies concentration. International students whose ordinary residence is not the United States and/or whose primary language is not English, who choose the United States for their area concentration, are required to participate in the Internship option in a US location that is outside of a 500-mile radius whose center point is Lamoni, Iowa.

It is recommended that International Studies majors also complete the following courses: Introduction to Statistics, Principles of Microeconomics, Principles of Macroeconomics, Environmental Biology, and at least two semesters of a single foreign language.

## **International Studies Minor**

A minor in International Studies consists of 18 semester hours, including the core requirements and one course chosen from each of the four different categories.

### **Core Requirements 6 s.h.**

- [GEOG/INTD/POLS1200](#) Introduction to International Studies 3 s.h.
- [COMM/INTD3100](#) Intercultural Communications 3 s.h.

### **Political Science/Economics Options 3 s.h.**

Students complete one of the following courses:

- [BUAD1440](#) International Business 3 s.h.
- [ECON/GEOG3280](#) Economic Development 3 s.h.
- [ECON3440](#) International Economics 3 s.h.
- [HIST/POLS3460](#) United States Foreign Relations 3 s.h.
- [HIST/POLS3470](#) British Foreign Relations 3 s.h.
- [PEAC/POLS2200](#) Introduction to Peace Studies 3 s.h.
- [PEAC/POLS3220](#) Global Peace Issues 3 s.h.

### **Behavioral Options 3 s.h.**

Students complete one of the following courses:

- [COMM/PEAC/SOCI3210](#) Conflict Resolution 3 s.h.
- [PSYC3320](#) Research Methods One 3 s.h.
- [PSYC3370](#) Cross Cultural Psychology 3 s.h.
- [SOCI1350](#) Cultural Anthropology 3 s.h.

### **Cultural/Religion Options 3 s.h.**

Students complete one of the following courses:

- [ARTS2300](#) Art History Survey: Ancient to Medieval 3 s.h.
- [ARTS2310](#) Art History Survey: Renaissance to Modern 3 s.h.
- [MUSC2350](#) Musics of the World 3 s.h.
- [PHIL/RELG3100](#) World Philosophies and Religion: Great Texts 3 s.h.
- [RELG3200](#) Religions of the World 3 s.h.
- [THTR3380](#) Theatre History II 3 s.h.

### **History Options 3 s.h.**

Students complete one of the following courses:

- [HIST1310](#) World Civilizations I 3 s.h.
- [HIST1320](#) World Civilizations II 3 s.h.
- [HIST2200](#) Survey of Latin American History I 3 s.h.
- [HIST2210](#) Survey of Latin American History II 3 s.h.
- [HIST2340](#) Middle Eastern Civilizations I 3 s.h.
- [HIST2360](#) Middle Eastern Civilizations II 3 s.h.
- [HIST3110](#) Gender and Women's History 3 s.h.

Support Courses for International Studies

#### **[ARTS2300](#) Art History Survey: Ancient to Medieval 3 s.h.**

Chronological, cultural and historical study of the visual arts from Paleolithic through Gothic periods in major Western and non-western civilizations. Focus is on the development and sustaining of cultural identity, preservation and cultivation of sustaining culture through storytelling and the birth of Land Art. Goal 4, ELO5 Arts - Sustainability

#### **[ARTS2310](#) Art History Survey: Renaissance to Modern 3 s.h.**

Chronological, cultural and historical study of the visual arts, technology and innovations from Renaissance through Modern periods in major Western and non-western civilizations. Goal 4, ELO5 Arts - Innovation

#### **[BUAD1440](#) International Business 3 s.h.**

An introduction to the study of business administration from the standpoint of the international environment, market forces, cultural influences, and local business practices.

#### **[COMM3100](#) Intercultural Communication (Also INTD3100) 3 s.h.**

An examination of concepts that have application to communication across cultural boundaries, with emphasis on relating them to effective intercultural communication skills. Goal 4

#### **[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

#### **[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

#### **+ [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

#### **[GEOG1200](#) Introduction to International Studies (also INTD/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

**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

**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

**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

**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

**+ HIST2340 Middle Eastern Civilization I 3 s.h.**

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

**+ 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

**HIST3110 Gender and Women's History 3 s.h.**

A research-based study of how "gendered" persons are related to the history of work, family, politics, education and social behavior in various world cultures throughout history. Upon successful completion of this course, students will have an understanding of how gender labels were applied throughout history, how they affected a group's access to power, and how those applications affected perceptions and societal roles. Goal 1B

**+ 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

**+ HIST3470 British Foreign Relations (Also POLS3470) 3 s.h.**

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

**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: INTD3100 and Instructor's consent.

**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

**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

**+PEAC3220 Global Peace Issues (Also POLS3220) 3 s.h.**

Focuses on the causes and resolution of conflict at the macro level (global violence and international peacemaking). ELO4 Global Learning - Peace

**PHIL3100 World Philosophies & Religion: Great Texts (Also RELG3100) 3 s.h.**

A reading of great texts in world philosophies and religions; E.g., The Qu'ran (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

**PSYC3320 Research Methods One 3 s.h.**

Scientific rationale applied to behavioral research with emphasis on experimental design. Students design research, analyze and interpret data, and learn to write in scientific journal style. Prerequisites: MATH1380 and PSYC1300. 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

**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

**+ SOCI1350 Cultural Anthropology 3 s.h.**

Survey and analysis of diverse cultural patterns. Goal 4

**+ 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

+Denotes alternate year course.



# Liberal Studies

## BA Degree — Liberal Studies Major

The Liberal Studies major offers the student an opportunity to devise, in concert with the faculty advisor, a program of study matched to the student's particular needs and interests. Beyond the graduation requirements, the student's program may consist of either:

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](#) 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**—The prescribed General Studies concentration which provides enriched study in at least 12 s.h. from each of three topic areas chosen from courses in Visual and Performing Arts, Humanities, Science and Math, Health and Movement Science, Social Science, School of Business, School of Education, and School of Nursing. Not more than two topic areas may be selected from the School of Business, School of Education, School of Nursing. This area of study 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](#) Liberal Studies Capstone is required. This is a capstone course 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.

General Studies proposals approval rests with the faculty adviser and Special Programs Office.

## Liberal Studies Courses

### [INTD4700](#) Liberal Studies Capstone 3 s.h.

In this capstone course for the Liberal Studies/General Studies major, the student 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 general education, and may not be repeated for credit.)



# Mathematics

## BA Degree — Mathematics Major

Majors in Mathematics must complete the essential education requirements and the following courses:

- [CSIT1100](#) Principles of Computing 3 s.h.
- [MATH1380](#) Introduction to Statistics 3 s.h.
- [MATH1510](#) Calculus I 3 s.h.
- [MATH1520](#) Calculus II 3 s.h.
- [MATH2350](#) Discrete Mathematics 3 s.h.
- [MATH2510](#) Calculus III 3 s.h.
- [MATH2520](#) Calculus IV 3 s.h.
- [MATH3330](#) Modern Algebra 3 s.h.
- [MATH3340](#) Linear Algebra 3 s.h.
- [MATH4370](#) Mathematical Modeling 3 s.h.
- Upper division Mathematics elective 9 s.h.

Completion of the Mathematics Assessment Exam A student completing a double major in Computer Science/Information Technology and Mathematics will be granted a Bachelor of Science degree.

## Mathematics Minor

A minor in Mathematics requires 18 semester hours of Mathematics, to include [MATH1510](#) and 6 s.h. of Mathematics electives numbered 2000 or higher. May not include DEVL1200 or MATH1280.

## Teacher Certification in Mathematics

1. FOR MATHEMATICS MAJORS WHO WANT A SECONDARY ENDORSEMENT (5-12):  
Students majoring in Mathematics who desire Iowa Teacher Certification with a Mathematics secondary endorsement must complete the Mathematics major requirements above, the [Secondary Education Program](#) (with [MATH3360](#) Methods of Teaching Science and Mathematics as the appropriate methods course), and the following courses:  
  
[MATH3320](#) Modern Geometry 3 s.h.  
[MATH3370](#) History of Mathematics 3 s.h.
2. FOR NON-MATHEMATICS MAJORS WHO WANT A SECONDARY MATHEMATICS ENDORSEMENT (5-12):  
Non-Mathematics Majors desiring a secondary Mathematics endorsement (5-12) in Iowa must complete the [Secondary Education Program](#) (with [MATH3360](#) Methods of Teaching Science and Mathematics as the appropriate methods course), a major in a secondary teaching field, and the following courses:  
  
[CSIT1100](#) Principles of Computing 3 s.h.  
[MATH1510](#) Calculus I 3 s.h.  
[MATH1520](#) Calculus II 3 s.h.  
[MATH2350](#) Discrete Mathematics 3 s.h.  
[MATH3320](#) Modern Geometry 3 s.h.

[MATH3330](#) Modern Algebra 3 s.h.

[MATH3370](#) History of Mathematics 3 s.h.

[MATH1380](#) Introduction to Statistics 3 s.h.

## Courses in Mathematics

### **[MATH1250](#) Informal Geometry 3 s.h.**

Major ideas from the various fields of geometry. Topics include analytical, transformational, Euclidean and non-Euclidean geometries, constructions, tiling the plane, and topology. Goal 3A

### **[MATH1280](#) College Algebra 3 s.h.**

Solutions of polynomial, rational and radical equations and inequalities, systems of equations, matrices, sequences, series, combinatorics, mathematical induction. Prerequisite: 2 years high school algebra or DEVL1200. Goal 3A, ELO6 Math

### **[MATH1310](#) Mathematical Concepts I 3 s.h.**

A systematic development of whole number systems, geometry, and measurement. Prerequisite: 1 year high school algebra; geometry recommended. Goal 3A, ELO6 Math

### **[MATH1320](#) Mathematical Concepts II 3 s.h.**

A systematic development of the real number system and its subsystems, symbolic logic. Prerequisite: MATH1310. Goal 3A, ELO6 Math

### **[MATH1330](#) Elementary Functions 3 s.h.**

Functions and relations, special functions and their graphs including logarithmic and exponential functions, trigonometric functions and their inverses. Prerequisite: 2 years of high school algebra or MATH1280. Goal 3A, ELO6 Math

### **[MATH1380](#) Introduction to Statistics 3 s.h.**

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. Elementary ANOVA. Introduction to nonparametric techniques. Prerequisite: 1 year high school algebra. Goal 3A, ELO6 Math

### **[MATH1510](#) Calculus I 3 s.h.**

Limits, continuity, derivative, mean-value theorem, simple integration, fundamental theorem of calculus. Prerequisite: 2 years high school algebra. Goal 3A, ELO6 Math

### **[MATH1520](#) Calculus II 3 s.h.**

Calculus of exponential, logarithmic, trigonometric, hyperbolic and inverse functions; techniques of integration and applications. Prerequisite: MATH1510 and trigonometry. 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: 2 years high school algebra or MATH1280. Goal 3A

### **[MATH2510](#) Calculus III 3 s.h.**

Conic sections, polar coordinates, indeterminate forms, improper integrals, sequences, series, vectors in the plane.

Prerequisite: MATH1520. Goal 3A

**MATH2520 Calculus IV 3 s.h.**

Vectors in space, functions of several variables, multiple integration, line integrals. Prerequisite: MATH2510. Goal 3A

**MATH3000 Individual Study Goal 3A 1-3 s.h.**

**+ MATH3200 Probability and Stochastic Processes 3 s.h.**

Introduction to probability, classical probability models and processes, random variables, conditional probability, Markov Chains, and application. Prerequisite: MATH1520 and MATH2350. Goal 3A

**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

**MATH3320 Modern Geometry 3 s.h.**

Foundations of Euclidean and non-Euclidean geometries. Prerequisite: MATH1510 and MATH2350 or consent of instructor. Goal 3A

**+ MATH3330 Modern Algebra 3 s.h.**

Axiomatic algebra, groups, rings, fields. Prerequisite: MATH1510 and MATH2350. Goal 3A

**MATH3340 Linear Algebra 3 s.h.**

Matrices, vector spaces, linear transformations. Prerequisite: MATH1510 and MATH2350. Goal 3A

**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. Prerequisites: admittance into Teacher Education, unless part of an approved Liberal Studies Program.

**+ MATH3370 History of Mathematics 3 s.h.**

Origins, philosophy and development of the mathematical sciences. Prerequisite: MATH1510. Goal 4

**+ 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

**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 Individual Study Goal 3A 1-3 s.h.**

**+ 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

**+ MATH4370 Mathematical Modeling (Also CSIT4370) 3 s.h.**

Selected topics to demonstrate the interaction of mathematical thinking with real-world problems. Prerequisites: MATH1520 and MATH2350. Goal 3A

**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

Support Courses for Mathematics Major

**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.

+Denotes an alternate year course.

# Music

## BA Degree — Music Major

In addition to the essential education requirements, majors in Music must complete a minimum of 46 semester hours to include the courses listed below.

### Basic Musicianship 20 s.h.

- [MUSC1120](#) Introduction to Music Technology 2 s.h.
- [MUSC1150](#) Fundamental Musicianship I 3 s.h.
- [MUSC1160](#) Fundamental Musicianship II 3 s.h.
- [MUSC2150](#) Fundamental Musicianship III 3 s.h.
- [MUSC2160](#) Fundamental Musicianship IV 3 s.h.
- [MUSC2100](#) Form and Analysis 3 s.h.
- [MUSC3220](#) Post Tonal Theory and History 3 s.h.
- \*Students may test out of Fundamental Musicianship I by achieving an 80% or higher on the Fundamental Musicianship Placement Test.

### Music History and Literature 9 s.h.

- [MUSC1260](#) Music History I 3 s.h.
- [MUSC2400](#) Music History II 3 s.h.
- Choose one of the following:
  - [MUSC2320](#) Global Musics as Languages of Peace 3 s.h.
  - [MUSC2350](#) Musics of the World 3 s.h.
  - [MUSC2360](#) Jazz History 3 s.h.

### Applied Music 10 s.h. in a single performance area

Music Majors: a jury is required at the end of semester in which lessons are taken.

Choose from the following:

- Lower Division 4 s.h.
  - [MUSC1510](#) Organ
  - [MUSC1530](#) Piano
  - [MUSC1610](#) Brass
  - [MUSC1630](#) Percussion
  - [MUSC1650](#) Strings
  - [MUSC1670](#) Woodwinds
  - [MUSC1750](#) Voice
- Upper Division 6 s.h.
  - [MUSC3510](#) Organ
  - [MUSC3530](#) Piano
  - [MUSC3610](#) Brass
  - [MUSC3630](#) Percussion
  - [MUSC3650](#) Strings
  - [MUSC3670](#) Woodwinds
  - [MUSC3750](#) Voice
- Recital 0 s.h.
- Recital [MUSC4700](#)

\*Senior Recital required for graduation. Recital must have 40 minutes of prepared music.

### **Ensemble Music 0-1 s.h.**

Students must enroll in an ensemble for 0-1 s.h. each semester of degree study and receive a grade of C or better to receive course credit for the music major. A minimum of 4 s.h. is required for graduation.

Choose from the following:

- Lower Division
  - [MUSC1140](#) Chamber Singers
  - [MUSC1300](#) Concert Choir
  - [MUSC1400](#) Orchestra
  - [MUSC1500](#) Yellowjacket Drumline
  - [MUSC1600](#) Jazz Ensemble
  - [MUSC1700](#) Symphonic Band
  - [MUSC1730](#) Yellowjacket Marching Band
- Upper Division
  - [MUSC3120](#) Advanced Yellowjacket Marching Band
  - [MUSC3140](#) Advanced Chamber Singers
  - [MUSC3150](#) Advanced Concert Choir
  - [MUSC3160](#) Advanced Graceland Orchestra
  - [MUSC3170](#) Advanced Yellowjacket Drumline
  - [MUSC3180](#) Advanced Jazz Ensemble
  - [MUSC3190](#) Advanced Symphonic Band

### **Performance Attendance 0 s.h.**

Students must enroll in [MUSC1000](#) Performance Attendance in each semester of degree study.

### **Conducting 1 s.h.**

- [MUSC2340](#) Conducting I

### **Piano Proficiency 2 s.h. or competency**

- [MUSC2120](#) Piano Class for Proficiency 1 s.h.
- [MUSC2120](#) Piano Class for Proficiency 1 s.h.

Students must pass a piano proficiency examination for graduation. Consisting of major and minor scales, sight-reading, harmonization, transposition and a prepared piece.

## **Music Minor**

A minor in Music consists of a minimum of 22 semester hours in Music including:

### **Basic Musicianship 12 s.h.**

- [MUSC1150](#) Fundamental Musicianship I 3 s.h.
- [MUSC1160](#) Fundamental Musicianship II 3 s.h.
- [MUSC2150](#) Fundamental Musicianship III 3 s.h.
- [MUSC2160](#) Fundamental Musicianship IV 3 s.h.

### **Music History 3 s.h.**

- [MUSC2400](#) Music History II or [MUSC2350](#) Musics of the World

### **Applied Music 4 s.h. in a single performance area**

Music Minors: a jury is required at the end of semester in which lessons are taken. Must be taken in the first four

consecutive semesters after a Music Minor has been declared.  
Choose from the following:

- Lower Division
  - [MUSC1510](#) Organ
  - [MUSC1530](#) Piano
  - [MUSC1610](#) Brass
  - [MUSC1630](#) Percussion
  - [MUSC1650](#) Strings
  - [MUSC1670](#) Woodwinds
  - [MUSC1750](#) Voice

### **Ensemble Music**

Students must enroll in an ensemble for 0-1 s.h. each semester of degree study and receive a passing grade of C or better to receive course credit in the music minor.

Choose from the following:

- Lower Division
  - [MUSC1140](#) Chamber Singers
  - [MUSC1300](#) Concert Choir
  - [MUSC1400](#) Orchestra
  - [MUSC1500](#) Yellowjacket Drumline
  - [MUSC1600](#) Jazz Ensemble
  - [MUSC1700](#) Symphonic Band
  - [MUSC1730](#) Yellowjacket Marching Band
- Upper Division
  - [MUSC3120](#) Advanced Yellowjacket Marching Band
  - [MUSC3140](#) Advanced Chambers Singers
  - [MUSC3150](#) Advanced Graceland Choir
  - [MUSC3160](#) Advanced Orchestra
  - [MUSC3170](#) Advanced Yellowjacket Drumline
  - [MUSC3180](#) Advanced Jazz Ensemble
  - [MUSC3190](#) Advanced Symphonic Band

### **Music Technology 2 s.h.**

- [MUSC1120](#) introduction to Music Technology

### **Performance Attendance 0 s.h.**

- Enroll each semester applied lessons are taken in [MUSC1000](#) Performance Attendance

### **Conducting 1 s.h.**

- [MUSC2340](#) Conducting I

## **Teacher Certification in Music**

COMBINATION ENDORSEMENT (K-12) in Music: Students majoring in Music who desire Iowa Teacher Certification with an elementary and secondary Music endorsement must complete the BA degree in Music, the Music Endorsement ([MUSC3240](#), 2 courses from [MUSC3280](#), [MUSC3290](#), [MUSC3310](#), and [MUSC3320](#); and [MUSC3400](#), [MUSC3360](#) and [MUSC3390](#) as the appropriate methods courses) and the [Combination Program](#).



# Courses in Music

## Theory, Literature, and Methods

### **MUSC1000 Performance Attendance 0 s.h.**

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

### **MUSC1150 Fundamental Musicianship 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 Fundamental Musicianship II 3 s.h.**

Continuation of Fundamental Musicianship 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. Goal 2A

### **MUSC1250 Survey of Music Literature 3 s.h.**

Introduction to the history of western art music, providing the basic terminology, styles of composition, listening skills, and learning techniques required to understand classical music. Focus on the western art music tradition, specifically from antiquity through the twentieth century. This course is only offered through the ACE program and is not taught on the Lamoni Campus. Goal 2A

### **+ MUSC1260 Music History I 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

### **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

### **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

### **MUSC2000 Individual Study Goal 2A 3 s.h.**

### **+ MUSC2100 Form and Analysis 3 s.h.**

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

### **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

### **MUSC2150 Fundamental Musicianship III 3 s.h.**

Continuation of Fundamental Musicianship 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. Goal 2A

### **MUSC2160 Fundamental Musicianship IV 3 s.h.**

Continuation of Fundamental Musicianship 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. 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

### **MUSC2320 Global Musics as Languages of Peace 3 s.h.**

Music, and sacred music in particular, has been the bridge to peace across many cultural situations and political barriers. It is a language (actually many languages) of connection between reason and emotion, personal and communal activity, solitude and social activism (all large political crowds sing and chant). This course will increase awareness of our distinctives as musical cultures, recognize the common themes and concerns of musical expression, experience great performances of essential repertoire, and make personal discoveries of global musics. Goal 2A, ELO5 Arts - Peace

### **+ 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

### **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

### **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

### **+ MUSC2400 Music History II 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

### **MUSC3000 Individual Study Goal 2A 1-3 s.h.**

### **+ 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

### **+ 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

**+ 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

**+ 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

**+ 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

**+ 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

**+ 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. Goal 2A

**+ 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

**+ 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

**MUSC4000 Individual Study Goal 2A 1-3 s.h.**

**MUSC4700 Senior Recital 0 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.

## **Applied Music — Group Instruction**

**MUSC1410 Voice Class I 1 s.h.**

Introduction to the basic principles of vocal production and performance using the small class approach. Emphasis on folk songs, art songs, and easy arias in English. (No applied music fee.) Goal 2A

**MUSC1740 Piano Class 1 s.h.**

For beginning piano students. Class approach to the learning of basic keyboard technique and orientation to both treble and bass clefs. With the aid of electronic equipment, students are able to work either individually or with other members of the class. May be repeated once for credit. Goal 2A

## **Applied Music — Individual Instruction**

**Applied Keyboard: ([MUSC1510 Organ](#), [MUSC1530 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

**Applied Instruments ([MUSC1610 Brass](#), [MUSC1630 Percussion](#), [MUSC1650 Strings](#), [MUSC1670 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

**[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

**Advanced Applied Keyboard ([MUSC3510 Organ](#), [MUSC3530 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

**Advanced Applied Instruments**

**([MUSC3610 Brass](#), [MUSC3630 Percussion](#), [MUSC3650 Strings](#), [MUSC3670 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

## Ensemble Music

**[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

**[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. Consent of instructor required. Goal 2A

**[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

**[MUSC1500 Yellowjacket Drumline](#) 0-1 s.h.**

The Yellowjacket Drumline offers students from all majors the opportunity to study and perform standard contemporary percussion literature. Students will perform at selected athletic & recruitment events as determined by the course syllabus. Additional information: 1) Not a required course for the B.A. Music Degree; 2) May not be counted toward elective hours within a major or minor; 3) May be counted solely as an elective course whose credits count toward graduation. Consent of instructor required. 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

### **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.

### **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

### **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

## **Advanced Ensemble Music**

### **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.

### **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. Consent of instructor required. 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

### **MUSC3170 Advanced Yellowjacket Drumline 0-1 s.h.**

The Yellowjacket Drumline offers students from all majors the opportunity to study and perform standard contemporary percussion literature. Students will perform at selected athletic & recruitment events as determined by the course syllabus. Instructor consent required.

### **MUSC3180 Advanced Jazz Ensemble 0-1 s.h.**

The Graceland Jazz Ensemble offers students from all majors the opportunity to express themselves through the study and preparation of standard jazz band literature. Participation is on a leadership level. Repertoire for the GU Jazz Band is chosen from high quality jazz 'tunes' spanning a diverse range of styles/genres including Swing, Big Band, Latin, Funk, Be-Bop, Cool, and Ballads. The Jazz Band performs at least two concerts each semester. Consent of instructor required. 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

**+Denotes an alternate year course.**

# Nursing (Graduate)

see [Graduate Catalog](#)



# Nursing (RN-BSN/MSN)

The RN-BSN/MSN Program offers Registered Nurses the opportunity to complete their BSN and MSN degrees via an accelerated process through the Distance Learning program. This program is available in two career options: Family Nurse Practitioner, and Nurse Educator. Students enrolling in this program need to declare their preference for the program prior to completing nursing courses. Depending on the career option chosen, this program requires 4 fewer semester hours of course work than would be required if both degrees were sought independently.

Students who are enrolled in this program will have the option to “stop-out” and earn a BSN only if they desire. Also, all requirements for admission for the MSN program will be met prior to starting graduate level courses.

## Admission Requirements

1. Current license to practice as a registered nurse in the U.S.A.
2. Strongly recommend two years of experience as an RN
3. Indication of academic success:
  1. An initial GPA of 2.5. Prior to taking graduate level courses, students would then be required to have a GPA of 3.00.
4. Evaluation of professional qualifications and potential for success in graduate studies
5. Clearance from the RN-BSN faculty
6. 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.

## Graduation Requirements

1. Completed the College's general education requirements
2. Completed sufficient credit to total 158 semester hours
3. Completed sufficient credit to meet the total required graduate semester hours within 6 years of enrollment

4. Completed at Graceland University:
  - 47 total graduate semester hours with a minimum 37 at Graceland for [Family Nurse Practitioner](#) track
  - 40 total graduate semester hours with a minimum 30 at Graceland for the [Nurse Educator](#) track
5. Earned a grade of B or above on all graduate course work
6. Satisfactorily completed the required thesis or research project option
7. Fulfilled all financial obligations to Graceland University
8. Filed an application for graduation with the office of the Registrar at least 6 months prior to anticipated graduation date.

# 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) and are fully approved by the Iowa Board of Nursing, and the Missouri State Board of Nursing.

In accordance with Missouri requirements (4 CSR 200-4.020,C) 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 (4 CSR 200-4.020,B). 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, One Dupont Circle, NW, Suite 530, Washington, DC 20036-1120, (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.
  - a. Minimum of 2.75 cumulative or pre-requisite grade point average (GPA).
  - b. 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.
  - c. 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 or MATH1330 Elementary Functions or MATH2350 Discrete Mathematics or MATH1510 Calculus I (3 s.h.)
  - d. 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.
      - a. Acceptable *GU* courses include: PHIL2300 Basic Issues in Philosophy, PHIL3100 World Philosophies and Religions, PHIL1120 Basic Ethics and PHIL2520 Medical Ethics.
      - b. Acceptable MCC courses include: PHIL100 Introduction to Philosophy and PHIL102 World Philosophy.
      - c. Courses not listed above will be accepted on a case-by-case matter.
    8. Medical Terminology (2 s.h.)
  - e. 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.
  - f. 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:
    - a. who has been denied licensure by the board,
    - b. whose license is currently suspended, surrendered or revoked in any United States jurisdiction,
    - c. 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:
  - a. 4 units of English/language arts
  - b. 3 units of math
  - c. 3 units of science
  - d. 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:
  - a. 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 breach 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.
- [NURS3290](#) Gerontology 2 s.h.
- [NURS3440](#) Pathophysiology 3 s.h.
- [NURS3451](#) Pharmacology I 2 s.h.
- [NURS3452](#) Pharmacology II 2 s.h.
- [NURS4170](#) Manager of Patient Care 3 s.h.
- [NURS4220](#) Maternal and Newborn Care 4 s.h.
- [NURS4240](#) Pediatric Nursing 4 s.h.
- [NURS4260](#) Critical Care Nursing 4 s.h.
- [NURS4340](#) Community Health Care 2.5 s.h.
- [NURS4390](#) Capstone Practicum 4 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.
- [BIOL2560](#) Nutrition 3 s.h.
- [CHEM1330](#) Introduction to General, Organic, and Biochemistry 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
- [SOC11300](#) Introduction to Sociology (preferred) or  
[SOC11350](#) Cultural Anthropology 3 s.h.
- [PSYC1300](#) Introductory Psychology 3 s.h.
- [PSYC2250](#) Developmental Psychology 3 s.h.

## 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 Professional Seminar I 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](#) Professional Seminar I 3 s.h.
- [NURS4160](#) Leadership Roles in Nursing 3 s.h.
- [NURS4280](#) Global Health and Policy Issues 3 s.h.
- [NURS4350](#) Community Health Nursing 3 s.h.
- [NURS4410](#) Reflective Practice in Nursing 2 s.h.
- [NURS4420](#) Professional Seminar II 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.
- [BIOL2560](#) Nutrition 3 s.h.
- [MATH1380](#) Introduction to Statistics 3 s.h.



- [SOC11300](#) Introduction to Sociology (preferred) or
- [SOC11350](#) Cultural Anthropology 3 s.h.
- [PSYC1300](#) Introductory Psychology 3 s.h.
- [PSYC2250](#) Developmental Psychology 3 s.h.

## Courses in Nursing (Undergraduate)

### Non-Clinical Course Offerings

#### **[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 oncampus 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.

#### **[NURS3290](#) Gerontology 2 s.h.**

An examination of the basic conceptual and theoretical perspectives of gerontology. Topics discussed relate to

adjustments to physiological and psychosocial changes and the aging process. Examination of special concerns of the older adult, specifically age-related health problems, sexuality, religion, finances, caregiver role, Alzheimer's disease and other dementias, depression, and loss of spouse/peers. 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.

**NURS3450 Pharmacology 3 s.h.**

Study of principles of pharmacology and their application to nursing. Emphasis on major categories of pharmacological agents, their actions, side effects, uses and nursing responsibilities regarding administration and calculations of medications. Prerequisite: NURS2420, 2460 (BSN-RN students only).

**NURS3451 Pharmacology I 2 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 Professional Seminar I 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 Professional Seminar II 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, 3290, 4340.

**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 rationale in planning and implementing nursing action.

**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 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, 3290, 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, 3290, 4340.

**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 2.5 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 Community 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 4 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.

**NURS4410 Reflective Practice in Nursing 2 s.h.**

Emphasis on knowing in nursing with practice field experiences designed to guide the student toward becoming a more reflective practitioner.

**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.

Required Support Courses for Nursing Major

**ATHT2500 Medical Terminology 2 s.h.**

A self-study, programmed-based opportunity to learn and understand medical terminology.

**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.

**BIOL2360 Microbiology (3-2) 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: CHEM1330 or BIOL2100 or instructor's consent. Goal 1A

**BIOL2560 Nutrition 3 s.h.**

Study of the principles upon which the science of nutrition is based and the analysis of the principles of nutrition as related to health and disease. Goal 1A

**BIOL3420 Human Anatomy (3-2) 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: BIOL1400 or BIOL2100. Goal 1A

**BIOL3440 Human Physiology (3-2) 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. Goal 1A

**CHEM1330 Introduction to General, Organic, and Biochemistry 3 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 fundamentals of cell biology and genetics course. Course will not count for credit in the Chemistry and/or Biology majors or minors. Prerequisite: MATH1280 or one year of high school algebra (C or better strongly recommended). Goal 1A

**MATH1280 College Algebra 3 s.h.**

Solutions of polynomial, rational and radical equations and inequalities, systems of equations, matrices, sequences, series, combinatorics, mathematical induction. Prerequisite: 2 years high school algebra or DEVL1200. Goal 3A,

ELO6 Math

**MATH1310 Mathematical Concepts I 3 s.h.**

A systematic development of whole number systems, geometry, and measurement. Prerequisite: 1 year high school algebra; geometry recommended. Goal 3A, ELO6 Math

**MATH1380 Introduction to Statistics 3 s.h.**

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. Elementary ANOVA. Introduction to nonparametric techniques. Prerequisite: 1 year high school algebra. Goal 3A, ELO6 Math

**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

**PHIL3100 World Philosophies & Religion: Great Texts (Also RELG3100) 3 s.h.**

A reading of great texts in world philosophies and religions; E.g., The Qu'ran (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. 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

**+ SOCI1350 Cultural Anthropology 3 s.h.**

Survey and analysis of diverse cultural patterns. Goal 4



# Organizational Leadership

## BA Degree - Organizational Leadership Major

In addition to the essential education requirements, majors in Organizational Leadership must complete 45 s.h. in the following courses:

- [ACCT2310](#) Financial Accounting 3 s.h.
- [ACCT2320](#) Managerial Accounting 3 s.h.
- [BUAD3320](#) Principles of Management 3 s.h.
- [BUAD3450](#) Organizational Behavior 3 s.h.
- [BUAD3490](#) Human Resource Management 3 s.h.
- [COMM2600](#) Interpersonal Communication 3 s.h.
- [COMM/INTD3100](#) Intercultural Communication 3 s.h.
- [COMM/PEAC/SOCI3210](#) Conflict Resolution 3 s.h.
- [CSIT1010](#) Microcomputer Business Applications 3 s.h.
- [CSIT3500](#) Management of Information Systems 3 s.h.
- [ECON1320](#) Principles of Microeconomics 3 s.h.
- [PSYC3440](#) Industrial/Organizational Psychology 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 in Organizational Leadership

### **[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**

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

Support Courses for Organizational Leadership Major

**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.

**BUAD3320 Principles of Management 3 s.h.**

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

**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. Prerequisite: Junior standing or above.

**+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.

**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.

**COMM3100 Intercultural Communication (Also INTD3100) 3 s.h.**

An examination of concepts that have application to communication across cultural boundaries, with emphasis on relating them to effective intercultural communication skills. Goal 4

**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

**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.

**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. Prerequisite: CSIT1010 or CSIT1040 or CSIT1100.

**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

**PSYC3440 Industrial/Organizational Psychology 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

+Denotes alternate year course.



# Peace Studies

## Courses in Peace Studies

### **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

### **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

### **+PEAC3220 Global Peace Issues (Also POLS3220) 3 s.h.**

Focuses on the causes and resolution of conflict at the macro level (global violence and international peacemaking). ELO4 Global Learning - Peace

### **PEAC3700 Peace and Conflict Resolution Internship 3 s.h.**

An experienced-based program under the direction of the professional staff of a recognized service or policy-making agency. (Graded on a Pass/Fail basis.) Prerequisite: Instructor approval

+Denotes an alternate year course.

# Philosophy

## Religion and Philosophy Minor

A minor in Religion and Philosophy consists of 18 semester hours or more in Religion and Philosophy.

## Courses in Philosophy

### **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

### **PHIL1350 Basic Logic 3 s.h.**

An introduction to the fundamental principles of inductive and deductive logic.

### **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

**PHIL2360 Literature and Philosophy: Ways of Criticizing 3 s.h.**

Designed to expose the student to the theory and practice of criticism and help the student develop critical abilities, especially the skills used in responding to works of literature. Includes the study and application of both classic texts and contemporary trends in criticism. Provides active learning opportunities involving the student in the process of criticism. Goal 2B

**PHIL2370 Literature and Philosophy: Ways of Thinking 3 s.h.**

Designed to familiarize students with the ideas, issues and influences important to the literary and philosophical processes and traditions, such as the concept of self, the problem of evil, and the nature of reality. Goal 2B

**PHIL2400 Science and Religion (also RELG2400) 3 s.h.**

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

**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

**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

**PHIL2490 Suffering and Meaning 3 s.h. (Also RELG2490)**

The first Noble Truth of Buddhism is that all life involves suffering. Much of human life, religion, and the arts is an effort to create meaningful responses to our suffering. This course will examine some of those responses. 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

**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 Qu'ran (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

**PHIL3440 Process Philosophy and Theology (Also RELG3440) 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

**+ PHIL3450 Philosophy of Religion (Also RELG3450) 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

**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.**

+Denotes an alternate year course.

# Physical Education

## Teacher Certification in Physical Education

1. FOR HEALTH AND MOVEMENT SCIENCE MAJORS EARNING K-12 ENDORSEMENTS: Students majoring in [Health and Movement Science](#) who desire Iowa Teacher Certification with elementary and secondary Physical Education endorsement must also complete the [Secondary Education Program](#) (with [HLTH2410](#) Children's Health and Development - K-8 Health and Physical Education Methods Lab and [PHED3333](#) Methods and Assessment of Teaching 5-12 Health and Physical Education as the appropriate methods courses).
2. FOR NON-HEALTH AND MOVEMENT SCIENCE MAJORS WHO WANT A SECONDARY PHYSICAL EDUCATION ENDORSEMENT (5-12): Non-Health and Movement Science majors desiring a Physical Education secondary endorsement (5-12) in Iowa must complete the [Secondary Education Program](#) (with [PHED3333](#) Methods and Assessment of Teaching 5-12 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 **or**  
[PHED0610](#) Life Guard Training 1 s.h.
  - [HLTH2400](#) Children's Health and Development 3 s.h.
  - [PHED1100](#) New Games 1 s.h.
  - [PHED1200](#) Motor Learning 2 s.h.
  - [PHED2350](#) Teaching Team Sports 2 s.h.
  - [PHED2370](#) Teaching Individual Sports 2 s.h.
  - [PHED2380](#) Creative Rhythm and Movement 3 s.h.
  - [PHED3280](#) The Foundations of Physical Education 3 s.h.
  - [PHED3340](#) Biomechanics 3 s.h.
  - [PHED/RECR3430](#) Adaptive Physical Education 3 s.h.

# Authorizations/Certifications

FOR STUDENTS SEEKING AN IOWA COACHING AUTHORIZATION, 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 **or**  
[PHED0610](#) Life Guard Training 1 s.h.
- [HLTH2400](#) Children's Health and Development 3 s.h. **or**  
[PSYC2250](#) Developmental Psychology 3 s.h.
- [PHED3410](#) Theory of Coaching 1 s.h.

## Courses in Physical Education

### Physical Education Activities

#### Physical Education Activities 1-2 s.h.

A wide variety of classes in team, individual and recreational activities. Goal 3F. Classes include:

**PHED0010 Advanced Tennis**

**PHED0050 Yoga**

**PHED0060 Aerobic Dance**

**PHED0070 Tennis, Paddleball, Badminton**

**PHED0140 Beginning and Intermediate Swimming**

**PHED0150 Bowling\***

**PHED0220 Fencing**

**PHED0270 Golf**

**PHED0360 Scuba\***

**PHED0420 Total Body Conditioning**

**PHED0430 Beginning Tennis**

**PHED0450 Beginning Volleyball**

**PHED0480 Advanced Swimming**

**PHED0490 Relaxation and Stress Management**

**PHED0560 Archery and Table Tennis**

**PHED0570 Personal Activity**

**PHED0590 Beginning Basketball**

**PHED0600 Advanced Basketball**

**[PHED0610](#) Life Guard Training\***

**PHED0660 Dance**

\*Additional fee required

**PHED0750-0990 Intercollegiate Athletics 0-1 s.h.**

Participation as a member of a GU athletic team. Goal 3F. Intercollegiate athletic classes include:

**PHED0510 Cheerleading**

**PHED0530 Gadets**

**PHED0750 Basketball (Men)**

**PHED0760 Basketball (Women)**

**PHED0770 Baseball**

**PHED0780 Wrestling**

**PHED0790 Cross Country (Men)**

**PHED0800 Cross Country (Women)**

**PHED0810 Bowling (Men)**

**PHED0820 Bowling (Women)**

**PHED0830 Football**

**PHED0850 Golf (Men)**

**PHED0860 Golf (Women)**

**PHED0880 Softball**

**PHED0890 Tennis (Men)**

**PHED0900 Tennis (Women)**

**PHED0910 Track (Men)**

**PHED0920 Track (Women)**

**PHED0930 Volleyball (Men)**

**PHED0940 Volleyball (Women)**

**PHED0970 Soccer (Men)**

**PHED0980 Soccer (Women)**

**PHED1100 New Games 1 s.h.**

Development and participation of new games for the K-12 learner, lifelong learner, and leisure.

**PHED1200 Motor Learning 2 s.h.**

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

**PHED1240 Introduction to Movement Science 2 s.h.**

The emphasis will be on the development of ideal fundamental movement patterns primarily focused on the upper body and core developed through the principles of progression, variety and precision. We will emphasize the understanding and application of efficient progressions to simultaneously assess, reverse, and reduce injury by improving tissue health. We will accomplish this by asking why through the use of a comprehensive self assessment of proper mobility, ideal muscle balances, and functional movement patterns, and through the use of these assessments we will become skilled at preventative protocols, to arrest, reduce and eliminate unhealthy environments in our soft tissue with the ultimate goal to develop ideal fundamental movement patterns.

**PHED1260 Movement Science II I 2 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: PHED1240 Introduction to Movement Science.

**PHED2000 Individual Study 1-3 s.h.**

**PHED2200 Sport Officiating 2 s.h.**

Study of officiating various sports with emphasis placed on rules and procedures, penalties and fouls, mechanics and signals.

**PHED2240 Theory and Practice in Aquatics 2 s.h.**

Survey of the aquatics area: analysis and evaluation of swimming, diving, and lifesaving skills. The course leads to certification as a Water Safety Instructor by the American Red Cross. Additional fee required.

Prerequisite: Advanced Lifesaving.

**PHED2260 Introduction to Performance Training 2 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: PHED1260 Movement Science II.

**PHED2350 Teaching Team Sports 2 s.h.**

Teaching technique, analysis of skills, and principles of skill development in areas such as soccer, basketball, volleyball and softball. Prerequisite: Health and Movement Science major, Elementary Education major (PE Concentration), or consent of instructor.

**PHED2370 Teaching Individual Sports 2 s.h.**

Teaching techniques, analysis of skills, and principles of skill development in areas such as golf, bowling, disc golf and racquet sports. Prerequisite: Health and Movement Science major, Elementary Education major (PE Concentration), or consent of instructor.

**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.

**PHED2720 Physical Training Practicum I 1 s.h.**

This practicum is designed to allow students to apply appropriate postural and functional movement screening to various populations. In addition, students will continue to incorporate and master skills learned in previous core coursework. Practical experience outside the scheduled classroom will be required. Additional fee required. Prerequisites: CEPE Major, PHED1200, 1230, 1250 with a "C" or better, and sophomore standing. Must pass with "C" or better.

**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 2 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 5-12 Health and Physical Education 4 s.h.**

Theory and development of teaching competence for prospective teachers of health and physical education at 5-12 levels. Implementation of assessment and evaluation techniques through classroom and practical experiences. .

**PHED3340 Biomechanics 3 s.h.**

A systematic study of the bones, joints, and muscles of the human body as well as internal external forces initiating and modifying movement. Prerequisite: BIOL2300 must show grade of "C" or higher. Goal 10 (Goal 10 Catalog 0809+)

**PHED3400 Practicum in Physical Education 1-3 s.h.**

Advanced teaching experience in college physical education activity classes. Prerequisite: PHED3330.

**PHED3410 Theory of Coaching 1 s.h.**

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

**PHED3420 Practicum in Coaching 2 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."

**PHED3720 Physical Training Practicum II 1 s.h.**

This practicum is designed to allow students to apply appropriate corrective exercises to various populations. In addition, students will continue to incorporate and master skills learned in previous core coursework. Practical experience outside the scheduled classroom will be required. Prerequisites: CEPE Major, PHED2720, 2250 with a "C" or better, and junior standing. Must pass with "C" or better.

**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.**

**PHED4100 Tactical Aquatics 3 s.h.**

Theory and practical application of approved operational skills required to effectively function in an aquatic environment. Prerequisite: Fitness Leadership major.

**PHED4360 Physiology of Exercise 3 s.h.**

The principles and practices of energizing the human body for physical exercise. Prerequisite: BIOL2300 must show grade of "C" or better.

**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: PHED1240 and PHED2260 and PHED3120, or ATHT4260 with a "C" or better. Goal 4ab

**PHED4710 Internship in Physical Education 3-6 s.h.**

Field experience providing practical application of knowledge and theory in a professional setting with qualified personnel. Example areas may include sports information, sports management, eligibility, equipment management, facility management, and others as approved by the HMS internship coordinator. Experiences may come from a single setting or a combination of settings. Six weeks or 240 hours preferably taken consecutively are required. Up to 3 s.h. may be waived for students completing internships from other majors within HMS. Repeatable to a maximum of six hours. Prerequisites: Approval of coordinator and completion or all lower division physical education requirements.

**PHED4720 Physical Training Practicum III 1 s.h.**

This capstone practicum is designed to allow students to design 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. Practical experience outside the scheduled classroom will be required. Additional fee required. Prerequisites: CEPE Major, PHED3120, 3720 with a "C" or better. Pre- or Corequisite: PHED4500. Must pass with "C" or better.

**PHED4730 Advanced Topics in Strength and Conditioning 2 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.

**PHED4800 Fitness and Wellness Internship 3 s.h.**

Student will acquire experience with qualified personnel in a selected agency. Six weeks of involvement preferably taken consecutively. Repeatable to a maximum of six hours.

Support Courses for Physical Education Endorsement

**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 (3-2) 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: BIOL1400 or BIOL2100. Goal 1A

**BIOL3440 Human Physiology (3-2) 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. 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.

**HLTH2410 Children's Health and Development - K-8 Health and Physical Education Methods Lab 1 s.h.**

Methods and development of teaching competence for prospective K-8 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.

**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. Prerequisite: PSYC1300. Goal 1C

# Physics

## Courses in Physics

The number of lecture hours and lab hours are noted next to the titles of courses that have labs (lecture hours-lab hours).

### **PHYS1410 Elements of Physics I (3-2) 4 s.h.**

An elementary physics course emphasizing the fundamental concepts associated with the physical universe. Topics include Newtonian mechanics, fluids, heat thermodynamics, wavemotion, 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 (3-2) 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

+Denotes an alternate year course.

# Political Science Major or Minor

## Political Science Minor

A minor in Political Science consists of 18 semester hours or more of Political Science including 6 or more upper division hours.

## Teacher Certification in Political Science

FOR STUDENTS WHO WANT A SECONDARY AMERICAN GOVERNMENT ENDORSEMENT (5-12):  
Students desiring Iowa Teacher Certification with a secondary American Government endorsement 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 30 s.h. in the broad area of Social Sciences to include 15 s.h. in American Government.

## Courses in Political Science

### **POLS1200 Introduction to International Studies (also GEOG/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

**+ POLS2350 Comparative Government and Politics 3 s.h.**

An introduction to the theories and concepts employed in comparative politics, with emphasis on methodology rather than on particular areas. Goal 1B

**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

**+ POLS2380 International Politics 3 s.h.**

A study of the system of national states and of the concept of national interest, the goals of foreign policy, the conduct of diplomacy, and the elements bearing on the problem of peace. Goal 1B

**POLS3000 Individual Study Goal 1B 1-3 s.h.**

**POLS3200 State and Local Government 3 s.h.**

A systematic and intensive study of the forms of government and political processes in the different states of the United States, with special inquiry as to constitutional and administrative relationships between states and nation and among states. Goal 1B

**+ POLS3220 Global Peace Issues (Also PEAC3220) 3 s.h.**

Focuses on the causes and resolution of conflict at the macro level (global violence and international peacemaking). ELO4 Global Learning - Peace

**+ POLS3240 Rights and Responsibilities in the United States (Also HIST3240) 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

**+ POLS3300 Politics and Religion 3 s.h.**

Addresses longstanding issues of religion's involvement in domestic and international politics. It will place a critical focus on how the major religious traditions think of the appropriate relationship of religion to society and politics, the history of how different religious groups participate in the political process, the ways that political leaders use religion as a source of legitimacy, and changing religious values due to globalization. A particular emphasis will be placed upon the contemporary political relationship between religion and a growing secularism worldwide. Prerequisite: Any lower division course in History, Political Science, Religion, or instructor's consent. Goal 1B, ELO4 Global Learning - Peace

**+ POLS3340 Political Parties and Pressure Groups 3 s.h.**

Development of the American two-party system. Role of parties in relationship to public opinion, pressure

groups and public officials. Goal 1B

**POLS3360 Politics of the Contemporary Middle East 3 s.h.**

An overview of critical political developments among the peoples of the Middle East in the 20th century. Among the themes to be addressed are the struggles for political, economic, and cultural independence; the making of present-day borders and states; the rights of minority groups and nationalities; the influence of outside powers; and the quest for self-determination. Goal 1B

**+ 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

**+ 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

**+ 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

**+ POLS3470 British Foreign Relations (Also HIST3470) 3 s.h.**

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

**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

**POLS3700 Internship in Political Science 1-3 s.h.**

An internship that allows students to work with professionals who are in career areas relating to the field of

political science. The student will play an active role in identifying potential field sponsors. No more than 3 hours of internship will be applied to the political science minor requirements. (Graded on a Pass/Fail basis.)

Prerequisite: Instructor's consent. 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 political science-history majors professionalize their knowledge and experience through writing a scholarly paper. Majors only. Prerequisite: Minimum grade of "C" in HIST2400 Historical Inquiry. (Graded on a Pass/Fail basis.)

**POLS4910 Senior Seminar II (Also HIST4910) 3 s.h.**

The research, writing, and evaluation of the completed seminar paper. Prerequisite: POLS4900.

Support Courses for Political Science

**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.

+Denotes an alternate year course.

# Psychology

## BA Degree — Psychology Major

In addition to the essential education requirements, majors in Psychology must complete a concentration of 34 or more semester hours in Psychology and 6-7 semester hours of supporting courses.

- [PSYC1300](#) Introductory Psychology 3 s.h.
- [PSYC2250](#) Developmental Psychology 3 s.h.
- [PSYC3250](#) Professional Seminar 1 s.h.
- [SOC/PSYC3310](#) Social Psychology **or**  
[PSYC3340](#) Personality 3 s.h.
- [PSYC3320](#) Research Methods One 3 s.h.
- [PSYC3330](#) Biopsychology 3 s.h.
- [PSYC3350](#) History and Systems 3 s.h.
- [PSYC3380](#) Abnormal Psychology 3 s.h.
- [PSYC3500](#) Principles of Learning **or**  
[PSYC3390](#) Cognitive Psychology 3 s.h.
- [PSYC3520](#) Research Methods Two 3 s.h.
- Electives in Psychology 6 s.h.

### Support courses:

- [MATH1380](#) Introduction to Statistics 3 s.h.
- [BIOL1400](#) Unity of Life **or**  
[BIOL2300](#) Anatomy and Physiology I 3-4 s.h.

## 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. (Sociology majors may substitute [SOC/SOSC3610](#) for [PSYC3320](#).)

## Neuroscience Concentration

- [BIOL2100](#) Fundamentals of Cell Biology and Genetics 4 s.h.
- [BIOL3440](#) Human Physiology\* 4 s.h.
- [BIOL3500](#) Applied Pharmacology 3 s.h. **or**  
[BIOL4450](#) Cell Biology 4 s.h.
- [CHEM1330](#) Introduction to General, Organic, and Biochemistry 3 s.h. **or**  
[CHEM3410](#) Organic Chemistry I 3 s.h.
- [PSYC1300](#) Introductory Psychology 3 s.h.
- [PSYC3330](#) Biopsychology 3 s.h.
- [PSYC3390](#) Cognitive Psychology 3 s.h.
- [PSYC3500](#) Principles of Learning 3 s.h. **or**  
[PSYC3900C](#) Topics: Animal Models in Psychopathology 3 s.h.
- [BIOL/PSYC2400](#) Frontiers in Neuroscience 1 s.h.

- Capstone Research 2-3 s.h.  
[BIOL/CHEM4120](#) Research I 1 s.h. and [BIOL/CHEM4130](#) Research II 1 s.h. **or**  
[PSYC3520](#) Research Methods Two 3 s.h.

\*For Psychology majors the prerequisite of [BIOL3420](#) Human Anatomy will be waived in lieu of [BIOL2300](#) Anatomy and Physiology I.

## 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](#) (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.
- [SOC/PSYC3310](#) Social Psychology 3 s.h.
- [PSYC3320](#) Research Methods One 3 s.h.
- [PSYC3340](#) Personality 3 s.h.
- [PSYC3350](#) 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.
- [PSYC3320](#) Research Methods One 3 s.h.
- [SOC/PSYC3310](#) Social Psychology **or**  
[PSYC3340](#) Personality **or**  
[PSYC3350](#) History and Systems **or**  
[PSYC3500](#) Principles or Learning 3 s.h.
- Psychology Electives 6 s.h.

## Courses in Psychology

### **[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. Prerequisite: PSYC1300. Goal 1C

### **[PSYC2400](#) Frontiers in Neuroscience (also BIOL2400) 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.

### **[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.

**PSYC3250 Professional Seminar 1 s.h.**

Examination of professional issues and careers in psychology, including discussion of graduate school and presentations by professional psychologists. Prerequisite: Psychology major. Goal 1C

**+ PSYC3270 Health Psychology 3 s.h.**

Examines the ways in which basic psychological principles interact with the health care system. Included are considerations of ways that psychologists can foster better health behaviors in health care consumers including increased compliance with treatment, stress reduction, and adoption and maintenance of health-promoting habits and lifestyles. Recommended prerequisite: PSYC1300. Goal 1C

**+ PSYC3280 Psychology and Law 3 s.h.**

An examination of the legal system - both criminal and civil - through the use of psychological concepts, methods, and research findings. Prerequisite: PSYC1300 or instructor consent. Goal 1C

**+ 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

**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

**PSYC3320 Research Methods One 3 s.h.**

Scientific rationale applied to behavioral research with emphasis on experimental design. Students design research, analyze and interpret data, and learn to write in scientific journal style. Prerequisites: MATH1380 and PSYC1300. Goal 1C

**+ PSYC3330 Biopsychology 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 and one of the following: BIOL1300, BIOL1400, BIOL2300. 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

**PSYC3350 History and Systems 3 s.h.**

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

**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

**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

**PSYC3440 Industrial/Organizational Psychology 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

**PSYC3470 Psychological Tests and Measurements 3 s.h.**

Assessment information applied to decision making in education and psychology. Tests of processes and skills will be reviewed as well as the technical aspects of measurement. Credit not allowed for this course and EDUC3630. 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

**PSYC3520 Research Methods Two 3 s.h.**

Development and implementation of an original research project. Prerequisite: PSYC3320, psychology major. Goal 1C

**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 Goal 1C 1-3 s.h.**

**PSYC4360 Senior Internship 3 s.h.**

Practical application of knowledge, theory and skills in a professional setting. Prerequisite: Senior standing, psychology major, instructor's consent. 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

**Support Courses for Psychology Major**

**BIOL1400 Unity of Life (3-0) 3 s.h.**

A study of the key characteristics of life that unite all living organisms, including humans. Emphasis will be placed on comparing how humans and other organisms fulfill basic life needs. Will not count for credit in the Biology major or minor. Goal 1A, ELO6 Science - Equality

**BIOL2100 Fundamentals of Cell Biology and Genetics (3-2) 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 or CHEM3410 (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

**BIOL3420 Human Anatomy (3-2) 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: BIOL1400 or BIOL2100. Goal 1A



### **BIOL3440 Human Physiology (3-2) 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. Goal 1A

### **BIOL3500 Applied Pharmacology 3 s.h.**

A general study of the rationale for current drug therapy including classification of medication, mechanisms of action, main therapeutic effects, clinical indications, adverse reactions, and drug interactions. Does not substitute for NURS3450. Prerequisites: CHEM1330 or CHEM3410. Goal 1A

### **BIOL4120 Research I (also CHEM4120) 1 s.h.**

Covers the basic elements of scientific research. Brief lectures on research methodologies and design will be provided. The student will develop a research schedule and write a research proposal in cooperation with a faculty mentor. The student will be expected to begin any initial research indicated in the research schedule. Prerequisite: BIOL2100, CHEM3410, and senior standing or consent of instructor. Goal 1A

### **BIOL4130 Research II (also CHEM4130) 1 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. Goal 1A

### **+ BIOL4450 Cell Biology (3-3) 4 s.h.**

Investigation of the fine structures and functions of the cell and its parts. Includes an in-depth study of: 1) the regulatory mechanisms involved in cellular processes, such as transport of material, cell division, metabolism, signal transduction and apoptosis and 2) the fine structures, such as the different eukaryotic organelles, cytoskeleton, and prokaryotic appendages. Additional fee required. Prerequisite: BIOL2100 (grade of C or better strongly recommended). Goal 1A

### **CHEM1330 Introduction to General, Organic, and Biochemistry 3 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 fundamentals of cell biology and genetics course. Course will not count for credit in the Chemistry and/or Biology majors or minors. Prerequisite: MATH1280 or one year of high school algebra (C or better strongly recommended). Goal 1A

### **CHEM3410 Organic Chemistry I (0-3) 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

### **MATH1380 Introduction to Statistics 3 s.h.**

Data analysis and measures of central tendency, dispersion, and correlation. Introduction to probability. Estimation and hypothesis testing. Bivariate regression. Elementary ANOVA. Introduction to nonparametric techniques. Prerequisite: 1 year high school algebra. Goal 3A, ELO6 Math

### **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.

+Denotes an alternate year course.

# Recreation

## Courses in Recreation

### **+ RECR1100 Introduction to Leisure Services 3 s.h.**

Examines the purpose and function of leisure services delivered by governmental and private agencies. Introduction to department curriculum and student professional involvement. Additional fee required. Course is prerequisite to all upper division courses.

### **+ 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.

### **RECR2000 Individual Study 1-3 s.h.**

### **+ RECR2500 Fieldwork in Recreation 3 s.h.**

A minimum of 120 clock hours work experience in an approved leisure service setting. An orientation to the leisure service profession. Prerequisite: Prior consent of coordinator.

### **RECR3000 Individual Study 1-3 s.h.**

### **+ RECR3350 Sport Facility Management 3 s.h.**

Explores problems, principles, and techniques of management, design, and operation of selected elite sport, mass sport and recreation facilities.

### **+ RECR3360 Outdoor Education (Also EDUC3360) 3 s.h.**

The organization, administration, and program activities of outdoor education in the school curriculum and other community agencies.

### **+ RECR3400 The Program Process: Principle and Application 3 s.h.**

Explores the purpose and functions of programs, planning, principles, objectives, organizational behavior, and evaluation. Translation of program theory into practical situations. Opportunity to explore and experiment with programs through 25-hour laboratory exercise.

### **+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.

**+ 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.

**RECR4000 Individual Study 1-3 s.h.**

**+ RECR4400 Administration in Parks and Recreation 3 s.h.**

Provides basis for understanding the administrative process related to delivery of leisure services. Explores legal foundations, management systems and principles, organizational behavior, and evaluation.

Prerequisite: RECR1100.

**+ 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.

+Denotes an alternate year course.

# Religion (Graduate)

see [Graduate Catalog](#)

# Religion & Philosophy Minor - Undergraduate

## Religion and Philosophy Minor

A minor in Religion and Philosophy consists of 18 semester hours or more in Religion and Philosophy.

## Courses in Religion (Undergraduate)

### **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 (also PHIL1120) 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) 3 s.h.**

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 Introduction to the Hebrew Bible 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

**RELG1320 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

**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.

**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

**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

**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

**RELG2400 Science and Religion (also PHIL2400) 3 s.h.**

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

**RELG2490 Suffering and Meaning 3 s.h. (Also PHIL2490)**

The first Noble Truth of Buddhism is that all life involves suffering. Much of human life, religion, and the arts is an effort to create meaningful responses to our suffering. This course will examine some of those responses. Goal 3E

**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 PHIL3100) 3 s.h.**

A reading of great texts in world philosophies and religions; E.g., The Qu'ran (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 which 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 subject; respect for all discoverable facts that bear upon the issues under investigation; and impartiality to interpretation of pertinent facts. Goal 3E

**+ RELG3520 History of Christianity - The Last 1000 Years (Also HIST3520) 3 s.h.**

An advanced study of the history of Christianity as it developed from the Crusades into the 20th Century. Topics will include the Crusades, the Avignon Papacy and Great Schism, the push for unity, early reform groups, the Reformation, wars of religion, religious imperialism, modern challenges to Christianity, and the Church to Vatican II. Aspects of both continuity and change within the doctrine, popular belief and structure of Christianity will be emphasized.

**RELG3530 Theology of the Community of Christ 3 s.h.**

An examination of major themes and issues in Restoration thought. Particular attention will be paid to the development of theology in the Reorganization. Non-Community of Christ students will participate in this course by exploring how the basic issues addressed are related to their own religious communities.

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

Christian theology is a centuries-long conversation about the meaning of Jesus' life and message. As theologians have interpreted their faith, they have often pondered questions of justice and peace. How can the nonviolent message of Jesus challenge cultures of oppression? Can war ever be 'just'? What insights might theological traditions offer to help critique forces that perennialize poverty? What ethical resources can Christian traditions apply to environmental degradation or the search for gender justice? This course explores such questions by focusing them through the thought of key theologians from across the centuries: e.g., Augustine of Hippo, Julian of Norwich, Dietrich Bonhoeffer, Oscar Romero, Martin Luther King, Jr., and Letty Russell. We explore how these thinkers' questions and proposals remain ethically meaningful in the contemporary World. Goal 2B, ELO3 Ethical Thinking and Action - 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.

**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.**

+Denotes an alternate year course.

Undergraduate Catalog

# Science

## Teacher Certification in Basic Science

STUDENTS WHO WANT A SECONDARY SCIENCE ENDORSEMENT (5-12) IN BASIC SCIENCE and desire Iowa Teacher Certification with a Basic Science secondary endorsement must complete 34 s.h. in science to include:

- [SCIE1250](#) Descriptive Astronomy 3 s.h.
- [SCIE1251](#) Descriptive Astronomy Lab 1 s.h.
- [SCIE2100](#) Earth Science 3 s.h.
- [BIOL1500](#) Fundamentals of Ecology and Evolution 3 s.h.
- [BIOL1520](#) Fundamentals of Organismal Biology 4 s.h.
- [BIOL2100](#) Fundamentals of Cell Biology and Genetics 4 s.h.
- [PHYS1410](#) Elements of Physics I 4 s.h.
- [PHYS1420](#) Elements of Physics II 4 s.h.
- [CHEM1430](#) Principles of Chemistry I 3 s.h.
- [CHEM1431](#) Principles of Chemistry I Lab 1 s.h.
- [CHEM1440](#) Principles of Chemistry II 3 s.h.
- [CHEM1441](#) Principles of Chemistry II 1 s.h.
- and the Secondary Education Program (with [SCIE3360](#) Methods of Teaching Science and Mathematics as the appropriate methods course).

## Courses in Science

### **[SCIE1250](#) Descriptive Astronomy 3 s.h.**

A descriptive presentation of the theory and structure of the universe to include celestial coordinates, laws of orbital motion, evolution of the solar system, comets and meteoroids, stellar and galactic structure. Some use of the observatory is included. Goal 1A

### **[SCIE1251](#) Descriptive Astronomy Lab 1 s.h.**

Observational laboratory exercises, demonstration exercises, and elementary calculations to illustrate methods used in astronomy. The student will learn to locate and observe astronomical phenomena using optical devices. Specifically the student will learn to identify constellations and how to use a telescope. There will be evening observations, visits to virtual and real world planetariums. Experiments will include

geometrical optics and the construction of telescopes. In addition, there will be labs based on astronomical calculations that will include a rudimentary investigation of navigation systems, star charts and astronomical coordinate systems. Co-requisite: SCIE1250. Goal 1A

**SCIE1310 Fundamentals of Physical Science 3 s.h.**

An integrated study of selected principles and concepts of physics, earth science, and chemistry. (Not intended for science majors.) Goal 1A, ELO6A Science - Peace

**SCIE2000 Individual Study Goal 1A 1-3 s.h.**

**+ SCIE2100 Earth Science (3-0) 3 s.h.**

A study of physical geology, using plate tectonics as the unifying theory. The major components of the Earth's crust (rocks and minerals) and forces that shape the Earth's surface (winds, streams, glaciers, volcanoes, earthquakes, etc.) will be considered. Goal 1A

**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

**SCIE4000 Individual Study Goal 1A 1-3 s.h.**

Support Courses for Science

**BIOL1500 Fundamentals of Ecology and Evolution 3 s.h.**

A study of the diversity of life, focusing on the evolutionary processes that shape life and the ecological interactions among organisms and their physical environments. Goal 1A

**BIOL1520 Fundamentals of Organismal Biology (3-2) 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. Additional fee required. Goal 1A

**BIOL2100 Fundamentals of Cell Biology and Genetics (3-2) 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 or CHEM3410 (C or better strongly recommended). Goal 1A

**PHYS1410 Elements of Physics I (3-2) 4 s.h.**

An elementary physics course emphasizing the fundamental concepts associated with the physical universe. Topics include Newtonian mechanics, fluids, heat thermodynamics, wavemotion, 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 (3-2) 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

**CHEM1430 Principles of Chemistry I (3-0) 3 s.h.**

A study of the general principles, theories, and methods of chemistry. Emphasis is placed on the solving of mathematical problems. Intended for natural science majors and others who require a strong background in chemistry. Prerequisite: Two years of high school mathematics or MATH1280, and one year of high school chemistry or CHEM1330. Corequisite: CHEM1431 Principles of Chemistry I Lab. Goal 1A

**CHEM1431 Principles of Chemistry I Lab (0-3) 1 s.h.**

Additional fee required. Corequisite: CHEM1430 Principles of Chemistry I. Goal 1A

**CHEM1440 Principles of Chemistry II (3-0) 3 s.h.**

A continuation of CHEM1430. Includes semimicro methods of qualitative analysis and common gravimetric and volumetric methods of quantitative analysis. Prerequisite: CHEM1430/1431. Corequisite: CHEM1441 Principles of Chemistry II Lab. Goal 1A

**CHEM1441 Principles of Chemistry II Lab (0-3) 1 s.h.**

Additional fee required. Corequisite: CHEM1440 Principles of Chemistry II. Goal 1A

+Denotes an alternate year course.

# Social Media Marketing

## BA Degree - Social Media Marketing Major

In addition to the essential education requirements, majors in Social Media Marketing must complete 45 s.h. as prescribed below:

**The following 15 semester hours of core Business Administration courses are required:**

- [BUAD3330](#) Principles of Marketing 3 s.h.
- [BUAD/CSIT3600](#) Electronic Commerce 3 s.h.
- [BUAD4210](#) Seminar in Social Media Marketing 3 s.h.
- [BUAD4430](#) Marketing Strategies 3 s.h.
- [ECON1320](#) Principles of Microeconomics 3 s.h.

**The following 15 semester hours of core Communication courses are required:**

- [COMM1250](#) Introduction to Communication Theory 3 s.h.
- [COMM2300](#) Introduction to Media Technologies 3 s.h.
- [COMM2500](#) Introduction to Mass Media 3 s.h.
- [COMM3140](#) Campaigns and Theories of Persuasion 3 s.h.
- [COMM3500](#) Emerging and Social Media 3 s.h.

**The following 12 semester hours of core Graphic Design courses are required:**

- [ARTS1680](#) Computer Graphics for Art & Design 3 s.h.
- [ARTS1710](#) Introduction to Graphic Design 3 s.h.
- [ARTS3630](#) Systems in Design 3 s.h.
- [ARTS3640](#) Interactive Design 3 s.h.

**The following 3 semester hours from Computer Science and Information Technology is required:**

- [CSIT1060](#) Introduction to Web Page Programming 3 s.h.

Support Courses for Social Media Marketing Major

### **[ARTS1680](#) Computer Graphics for Art & Design 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. Additional fee required. Goal 2A

### **[ARTS1710](#) Introduction to Graphic Design 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. Goal 2A

### **[ARTS3630](#) Systems in Design 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.

### **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.

### **+BUAD3600 Electronic Commerce 3 s.h. (Also CSIT3600)**

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. Prerequisite: CSIT1010 or CSIT1040 or CSIT1060 or CSIT1100.

### **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.

### **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.

### **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.

### **COMM2500 Introduction to Mass Media (Also ENGL2500) 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.

### **COMM3140 Campaigns and Theories of 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.

### **COMM3500 Emerging and Social 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.

### **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.



**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

+ Denotes an alternate year course.

# Social Science

## Courses in Social Science

**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

## 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.
- [SOCI3440](#) 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, [PSYC3320](#) Research Design and Experimental Methods, 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, [PSYC3280](#) Psychology and Law, [PSYC3440](#) Industrial/Organizational Psychology, and [POLS3430](#) American Constitutional Law.

**The following courses are recommended for any student planning a career in human services:** [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](#) Industrial/Organizational Psychology.

## 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.)

# Sociology Minor

A minor in Sociology requires 18 or more semester hours in Sociology including [SOCI1300](#) Introduction to Sociology and [SOCI3440](#) Research Methods.

## 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 in Sociology

### **[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

### **+ [SOCI1350](#) Cultural Anthropology 3 s.h.**

Survey and analysis of diverse cultural patterns. Goal 4

### **[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**

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

### **[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 3 s.h.**

Sociological study of the family institution. Topics include dating, marital roles and interaction patterns, socialization, divorce, and others. Goal 1C

### **[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

**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

**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).

**+ 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. Prerequisite: CRMJ2520 Corrections in America (grade of C or better).

**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).

**SOCI3440 Research Methods 3 s.h.**

A survey of the principles and practices of social research, including data analysis, research ethics, and the design and implementation of surveys, in-depth interviews, content analysis, participant observation, experiments, and field studies. Prerequisite: MATH1380.

**+ 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

(grade of C or better).

**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 SOCI3440 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, lifestyles, 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.

Support Courses for Sociology Major

**PEAC2200 Introduction to Peace Studies (Also POLS2200) 3 s.h.**

Introduces the field of peace studies with a survey of the historical and philosophical bases for peacemaking, patterns of conflict resolution, nonviolence, history of peace movements, world order models, alternative futures, positive peace, and career options. Goal 3E, ELO5 Histories - 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

**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. Prerequisite: PSYC1300. Goal 1C

**+ PSYC3280 Psychology and Law 3 s.h.**

An examination of the legal system - both criminal and civil - through the use of psychological concepts, methods, and research findings. Prerequisite: PSYC1300 or instructor consent. Goal 1C

**PSYC3320 Research Methods One 3 s.h.**

Scientific rationale applied to behavioral research with emphasis on experimental design. Students design research, analyze and interpret data, and learn to write in scientific journal style. Prerequisites: MATH1380 and PSYC1300. Goal 1C

**PSYC3440 Industrial/Organizational Psychology 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

**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.

+Denotes an alternate year course.



# Spanish Minor

## Spanish Minor

A minor in Spanish consists of 15 semester hours or more in Spanish courses.

Students with a background in Spanish are required to take the Language Placement Examination.

Depending upon where their score places them at the second-year level, they may obtain a minor with six or nine semester hours.

## Courses in Spanish

### **SPAN1410 Beginning Spanish I 3 s.h.**

Designed to practice and obtain a fundamental knowledge of listening/understanding, speaking, reading and writing Spanish while introducing students to the Hispanic culture and people. Goal 4

### **SPAN1420 Beginning Spanish II 3 s.h.**

A continuation of SPAN1410. Prerequisite: SPAN1410 or equivalent. Goal 4

### **SPAN2000 Individual Study Goal 4 1-3 s.h.**

### **SPAN2380 Advanced Grammar 3 s.h.**

Review of the grammatical structures introduced in Beginning Spanish II; an introduction to the most challenging structures in the Spanish language. Prerequisite: SPAN1420. Goal 4

### **SPAN2440 Conversation and Composition 3 s.h.**

Develop the oral and writing skills of the students, especially at a level such that a student can engage functionally in a Hispanic community. Prerequisite: SPAN2380 or equivalent. Goal 4

### **SPAN2450 Hispanic Culture 3 s.h.**

Study of the culture of Spain and Spanish America, with a focus on the main historical events, traditions, and Spanish contributions to the Western culture. Prerequisite: SPAN2380. Goal 4

### **SPAN2700 Internship in Spanish 1 – 3 s.h.**

An internship developed in conjunction with and approved by the appropriate foreign language instructor. This internship will be with professionals who are in career areas relating to the field of Spanish. The

internship may be pursued in the United States or abroad. The internship credit will be counted toward the minor in the language, but is not required. (Graded on a Pass/Fail basis.) Goal 4

**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 Culture Through Film 3 s.h.**

Explores film representations of Hispanic culture, including significant historical events and traditions, the rituals of daily life, and contributions to U.S. culture. Prerequisite: SPAN2450. Goal 4

**SPAN3120 Hispanic Culture Through Print 3 s.h.**

Designed to enhance students' knowledge of Hispanic culture through selected readings in journalism and literature. Prerequisite: SPAN2450. Goal 4

**SPAN3900 Topics in Spanish 3 s.h.**

Study of selected topics of interest in Spanish, to be announced prior to the semester when the course is offered. May be repeated for credit as topics change. Goal 4

# Sport Management

## BA Degree - Sport Management Major

In addition to the essential education requirements, majors in Sport Management must complete 42 s.h. in Sport Management, Business, Economics, Accounting, Physical Education, and Recreation including:

- [ACCT2310](#) Financial Accounting 3 s.h.
- [BUAD3320](#) Principles of Management 3 s.h.
- [ECON1320](#) Principles of Microeconomics 3 s.h.
- [ECON3220](#) Economics of Sports 3 s.h.
- [PHED/PSYC3130](#) Sport Psychology 3 s.h.
- [RECR3350](#) Sport Facility Management 3 s.h.
- [SPMT1200](#) Introduction to Sport Management 3 s.h.
- [SPMT2300](#) Legal & Ethical Issues in Sport 3 s.h.
- [SPMT3300](#) Sport Marketing 3 s.h.
- [SPMT3400](#) Event Management 3 s.h.
- [SPMT4500](#) Seminar in Sport Management 3 s.h.
- [SPMT4700](#) Internship in Sport Management 3 s.h.

**Choose two courses from one of the following areas (6 total s.h.):**

**Sport Marketing/Sport Information:** [BUAD3330](#) Principles of Marketing, [BUAD4430](#) Marketing Strategies, [COMM2500/ENGL2500](#) Introduction to Mass Media, [COMM3140](#) Campaigns and Theories of Persuasion, [ENGL3100](#) Discourse III.

**Sport Administration:** [ECON1300](#) Principles of Macroeconomics, [ACCT2320](#) Managerial Accounting, [BUAD3450](#) Organizational Behavior, [BUAD3490](#) Human Resource Management, [BUAD3460](#) Operations Management, [HMSC4320](#) Organization & Administration of Health, PE, and Athletics.

## Sport Management Minor

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

- [ACCT2310](#) Financial Accounting 3 s.h.
- [ECON1320](#) Principles of Microeconomics 3 s.h.
- [ECON3220](#) Economics of Sports 3 s.h.
- [SPMT1200](#) Introduction to Sport Management 3 s.h.

**Any two of the following:**

- [RECR3350](#) Sport Facility Management 3 s.h.
- [SPMT2300](#) Legal and Ethical Issues in Sport Management 3 s.h.
- [SPMT3300](#) Sport Marketing 3 s.h.
- [SPMT3400](#) Event Management 3 s.h.

## Courses in Sport Management

**SPMT1200 Introduction to Sport Management 3 s.h.**

An introduction to the field of sport management, including history of sport, leadership, management process, marketing and communication, and legal and ethical aspects in non-profit and for profit organizations.

**SPMT2300 Legal and Ethical Issues in Sports 3 s.h.**

A study of the laws, rules, regulations, and codes of ethics related to sports at all levels. A variety of viewpoints, including financial, regulatory, and societal will be explored.

**SPMT3300 Sport Marketing 3 s.h.**

An analysis of the field of marketing from a sports perspective with focus on the elements of and development of a marketing plan. Prerequisite: ECON1320.

**SPMT3400 Event Management 3 s.h.**

Application and study of the management process to hosting and organizing elite, recreation, and mass sporting events. Includes investigation of social, financial, and environmental factors involved in the process. Prerequisite: BUAD3320

**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.

Support Courses for Sport Management Major

**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.

**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.

**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. Prerequisite: Junior standing or above.

**+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.

**+ 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.

**COMM2500 Introduction to Mass Media (Also ENGL2500) 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.

**COMM3140 Campaigns and Theories of 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.

**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

**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 MATH1380. Goal 1C

**ENGL3100 Discourse III 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: Discourse II and Junior standing. Goal 3D, ELO1C Communication

**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.

**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.

**+ RECR3350 Sport Facility Management 3 s.h.**

Explores problems, principles, and techniques of management, design, and operation of selected elite sport, mass sport and recreation facilities.

# Theatre

## BA Degree - Theatre Major

In addition to the essential education requirements, Theatre majors must complete 45 semester hours as prescribed below:

### Core Courses 36 s.h.

- [ENGL3530](#) Digital Filmmaking 3 s.h.
- [THTR1200](#) Introduction to Theatre 3 s.h.
- [THTR1220](#) Beginning Acting 3 s.h.
- [THTR1310](#) Introduction to Stagecraft 3 s.h.
- [THTR2240](#) Stagecrafts 2 3 s.h.
- [THTR2260](#) Acting 2 3 s.h.
- [THTR3370](#) Theatre History I 3 s.h.
- [THTR3380](#) Theatre History II 3 s.h.
- [THTR3140](#) Playwriting 3 s.h.
- [THTR4100](#) Directing I 3 s.h.
- [THTR4120](#) Directing 2 3 s.h.
- [THTR4200](#) Senior Seminar I 1 s.h.
- [THTR4210](#) Senior Seminar II 2 s.h.

### Three Upper-Division THTR courses 9 s.h.

## Theatre Minor

A minor in Theatre requires 17 semester hours to include:

- [THTR1200](#) Introduction to Theatre 3 s.h.
- [THTR1220](#) Beginning Acting 3 s.h.
- [THTR1310](#) Introduction to Stagecraft 3 s.h.
- **One** of the following: 3 s.h.
  - [THTR3370](#) Theatre History I 3 s.h.
  - [THTR3380](#) Theatre History II 3 s.h.
- [THTR4100](#) Directing I 3 s.h.
- [THTR2350/4350](#) Theatre Production Studies 1 s.h.  
(Must complete 2 s.h for credit in the minor.)

## Courses in Theatre

### [THTR1200](#) Introduction to Theatre 3 s.h.

Designed to develop an appreciation and enjoyment of dramatic art and to foster an understanding of some of the basic principles which underlie theatre practice and theatre technique. Students should develop an appreciation for the work of the artists who help to bring the playwright's pages to life as well as consider their contribution as members of an audience. The dramatic literature studied in the course will focus primarily on the issue of equality. Goal 2A, ELO5 Arts - Equality

### [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

**THTR1240 Vocal Presentation Skills 3 s.h.**

The study and use of effective physical and vocal presentation methods. Goal 3B

**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

**THTR2000 Individual Study Goal 2A 1-3 s.h.**

**THTR2110 Performance Studies 3 s.h.**

Introduction to the contemporary concept of "performance", a key way of thinking about theatre in contemporary scholarship. It will provide an overview of organized human behavior as performance—from ritual to play to theatre to live art. Goal 2A

**THTR2120 Theatre, Performance, and Society 3 s.h.**

Examines the social and cultural functions of theatre and performance and how they serve as tools for cultural learning, social activism, political indoctrination, and education of the people. This separates theatre and performance from its aesthetic qualities and instead focuses on its function. Goal 2A

**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.

**THTR2270 Film and Theatre of the Jewish Holocaust 3 s.h.**

The course will examine the history of the Jewish Holocaust by studying some of the most significant plays and films dealing with this period. The course will also study the methods incorporated by playwrights and filmmakers to give artistic treatment to the subject matter, as well as the issues and themes they examine. Goal 2A, ELO5 Arts - Peace

**THTR2350 Theatre Production Studies 0-2 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 (Also ENGL3350) 3 s.h.**

Study of a selection of plays and poems likely authored or co-authored by Shakespeare, emphasizing the plays as historical performance texts. Encourages students to locate Shakespeare's works within Renaissance-era notions of harmony and discord, and war and peace. Goal 2B, ELO5 Humanities - 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

**+ 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

**THTR3700 Theatre Internship 1-3 s.h.**

An opportunity for advanced students to link theatrical theory and practice by working with established theatre organizations. Students will consult with the instructor in researching and obtaining appropriate internships. May be repeated for credit up to 6 s.h. (Graded on a Pass/Fail basis.) Prerequisite: Theatre major/minor. Goal 2A

**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 of instructor, THTR1220 Introduction to Acting. Goal 2A

**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 0-2 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

**+ THTR4390 Methods of Teaching Theatre and Speech (Also COMM4390) 3 s.h.**

Consideration of the theatre and speech classroom experience on the secondary level. Provides training in methods, unit preparation, media, evaluation, and directing extracurricular activities. Required of prospective theatre and speech teachers. Goal 2A

Support Courses for Theatre Major

**+ 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

+Denotes an alternate year course.

# Web Design

## BA Degree - Web Design Major

In addition to the essential education requirements, majors in Web Design must complete 38-42 s.h., to include the following courses:

- [ARTS1210](#) 2-D Design 3 s.h.
- [ARTS1680](#) Computer Graphics for Art & Design 3 s.h.
- [ARTS1710](#) Introduction to Graphic Design 3 s.h.
- [ARTS3620](#) Illustration and Imaging 3 s.h.
- [ARTS3630](#) Systems in Design 3 s.h.
- [ARTS3640](#) Interactive Design 3 s.h.
- [ARTS/CSIT4100](#) Systems Development Project 1-3 s.h.
- [CSIT1060](#) Introduction to Web Page Programming 3 s.h.
- [CSIT1100](#) Principles of Computing 3 s.h.
- [CSIT2100](#) Intermediate Programming 3 s.h.
- [CSIT3200](#) Systems Analysis and Design 3 s.h.
- [CSIT3300](#) Database Concepts and SQL 3 s.h.
- One of following three courses:
  - [BUAD/CSIT3600](#) Electronic Commerce 3 s.h.
  - [ENGL3530](#) Digital Filmmaking 3 s.h.
  - Approved Upper Division Elective (Course to be approved by CSIT or ARTS coordinator for Web Design major.)
- One of following two courses:
  - [ARTS4450](#) Graphic Design Internship 3 s.h.
  - [CSIT3700](#) Internship in CSIT 1-3 s.h.

## Web Design Minor

The requirements for a minor in Web Design are 18 s.h., to include:

- [ARTS1210](#) 2-D Design 3 s.h.
- [ARTS1680](#) Computer Graphics for Art & Design 3 s.h.
- [ARTS1710](#) Introduction to Graphic Design 3 s.h.
- [ARTS3620](#) Illustration and Imaging **or**  
[ARTS3630](#) Systems in Design **or**  
[ARTS3640](#) Interactive Design
- [CSIT1060](#) Introduction to Web Page Programming 3 s.h.
- [CSIT1100](#) Principles of Computing 3 s.h.
- One 3 s.h. CSIT course that is required for the Web Design major, excluding internships.

### Support Courses for Web Design Major

#### **[ARTS1210](#) 2-D Design 3 s.h.**

Introduction to the visual arts which explores the elements of art and principles of 2-D design while focusing on creativity, idea development, formal criticism, and the understanding of visual language. Through the use of various media, tools, materials, and processes, emphasis will be placed on comprehending contemporary art, non-literal

visual problem solving and presentation. Additional fee required. Goal 2A, ELO5 Arts - Innovation

**ARTS1680 Computer Graphics for Art & Design 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. Additional fee required. Goal 2A

**ARTS1710 Introduction to Graphic Design 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. Goal 2A

**+ 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 Systems in Design 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.

**ARTS4100 Systems Development Project 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.

**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.

**+BUAD3600 Electronic Commerce 3 s.h. (Also CSIT3600)**

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. Prerequisite: CSIT1010 or CSIT1040 or CSIT1060 or CSIT1100.

**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.

**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.

**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.

**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: CSIT1010 or CSIT1040 or CSIT1100.

**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.

**+ 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

# Faculty and Administration

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## Board of Trustees

**Harry J. Ashenurst, PhD**, Chair (2018), Scottsdale, Arizona

**Robert G. (Bob) Ackerley**, Vice-Chair (2022), Houston, Texas

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**Heather Donofrio, PhD**, (2018), Cantonment, Florida

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**Karen Jewell, JD**, (2022), Houston, Texas

**Sue Johnson**, (2020), Bethesda, Maryland

**Michael D. Lewis, JD**, (2018), Los Angeles, California

**Dale W. Lick, PhD**, (2018), Tallahassee, Florida

**Kay Johnson Mussell, PhD**, (2018), Washington, DC

**John Sheehy**, (2020), Blue Springs, Missouri

**Dennis Shields, JD**, (2020), Platteville, Wisconsin

**Samuel G. (Sam) Smalldon**, (2022), Calgary, Alberta, Canada

**Rachel Tovey**, (2020), Lee's Summit, Missouri

**Michael R. Wiley, PhD**, (2023), Zionsville, Indiana

**K. Michael (Mike) Zabel, MD**, (2018), Lawrence, Kansas

(Terms expire at midnight the day before the summer meeting of the year indicated.)

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## Executive Council

**Patricia H. Draves, PhD**, President

**Kathleen M. Clauson Bash, PhD**, Vice President for Institutional Effectiveness

**Lee Bash, PhD**, Dean, Edmund J. Gleazer School of Education

**Scott Briell, MA**, Vice President for Enrollment Management

**R. Paul Davis, MA**, Vice President of Business Services

**Kelly W. Everett, BA**, Vice President for Institutional Advancement

**Matthew Frizzell, PhD**, Dean, Community of Christ Seminary

**Claudia D. Horton, PhD**, Interim Vice President for the Independence Campus and Dean, School of Nursing

**Robert A. Poulton, PhD**, Dean, C.H. Sandage School of Business

**David Schaal, MA**, 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

**Brian J. White, PhD**, Interim Vice President for Academic Affairs, and Dean of Faculty, Dean, College of Liberal Arts and Sciences

## 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

**Brian J. White, PhD, Interim Vice President for Academic Affairs and Dean of Faculty**

**Judy Badder, MS**, Director, Educational Talent Search

**Lee Bash, PhD**, Dean, Edmund J. Gleazer School of Education



**Erin Bodnar, DMA**, Chair, Division of Visual and Performing Arts

**Kevin Brunner, PhD**, Director, Ackerley Computer Science and Technology Scholars Program

**Jared Doty, BS, MBA**, Director, Center for the Study of Free Enterprise and Entrepreneurship

**Matthew Frizzell, PhD**, Dean, Community of Christ Seminary

**Brian Gatzke, MS**, Chair, Division of Health and Movement Science

**Pat Hoffman**, Coordinator, Special Programs

**Cathie L. Hosie, MEd**, Director, Student Support Services and Academic Skills Center

**M. Joyce Lighthill, MA**, Registrar

**Robert A. Poulton, PhD**, Dean, C.H. Sandage School of Business

**Daniel V. Pratt, PhD**, Chair, Division of Science and Math

**Isaac Pressnell, MFA**, Chair, Division of Humanities

**Brian C. Smith, PhD**, Chair, Division of Social Science

**Brian J. White, PhD**, Dean, College of Liberal Arts and Sciences

**Pam Worlund, BA**, Administrative Assistant to the Vice President for Academic Affairs and Dean of Faculty

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## Business Services

**Paul Davis, MA, Vice President for Business Services**

**Jim Collins, MSM**, Director of Information Technology Services

**Ondrea Dory, BA**, Director of Human Resources

**Ronald A. Ellis, PhD**, Director of Instructional Technology

**Jim McKinney, BS**, Director of Facility Services

**Paula M. Smith**, Associate Treasurer

**Katie Still, BA**, Director of Accounting Services

**Janice K. Tiffany, JD**, Director of Business Services

**Carrie Wade, MLIS**, Director of Frederick Madison Smith Library

**Lee A. Williams, MLIS, AHIP**, Director of the Charles F. Grabske Library

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## Enrollment

**Scott Briell, MA, Vice President for Enrollment Management**

**Kevin Brown, MEd**, Director of Admissions

**Talia Brown, BA**, Executive Director for Enrollment Management

**Jeanne Davis, MAR**, Director of Communications

**Lisa Libich, BA**, Director of Retention Operations for CGCS

**Brady McKillip, MA**, Athletic Director/Head Baseball Coach

**Chauntel Ranney, BA**, Marketing and Events Manager

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## Independence Campus

**Claudia Horton, PhD**, Interim Vice President for Independence Campus

**Paul Binnicker, MBA**, Director, Center for Graduate and Continuing Studies

**Alison Choate, MOL**, Assistant Registrar

**Matt Curtis**, Information Technology Specialist

**Claudia Horton, PhD**, Dean, School of Nursing

**Stephanie Hunt, AS**, Financial Aid Advisor

**Lisa Libich, MS**, Director of Retention Operations

**Sharon Little-Stoetzel, PhD**, Associate Dean of Undergraduate Programs, School of Nursing

**Janet Rice, PhD**, Associate Dean, School of Nursing

**Lee Williams, MLIS, AHIP**, Director of the Charles F. Grabske Library

**Constance Wright, MA**, Director of Instructional Design

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## Institutional Advancement

**Kelly W. Everett, BA**, Vice President for Institutional Advancement

**Pam Combs, BA**, Director of Development

**Paul J. Davis, BA**, Senior Director of Development/Alumni Programs Director

**Rick Isham, MBA**, Senior Director of Development for Foundation and Corporate Relations

**Stuart Sherman, MS**, Senior Director of Development

**Peggy J. Sturdevant, BA**, Director of Annual Fund/Stewardship

**Wade Wallace, BA**, Director of Development

**Joe Worlund, MA**, Director of Development

## Institutional Effectiveness

**Kathleen M. Clauson Bash, PhD, Vice President for Institutional Effectiveness**

**Gary L. Heisserer, PhD, Director of Assessment**

**Stephanie Shields, AA, Administrative and Research Assistant**

**James Uhlenkamp, EdD, Director of Institutional Research**

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## Student Life

**David D. Schaal, MA, Vice President for Student Life and Dean of Students**

**Christi Dickerson, Administrative Assistant to Vice President**

**Nicole Briell, MEd, Director of Retention**

**A. Bradford Carr, BS, Director of Student Activities and Conferences and Events**

**Catharine Craig, MEd, Director of the CAP Center**

**Melissa L. Sherer, GSG President**

**Darrin Dickerson, AA, Executive Chef/General Manager, Food Services**

**Mike Hoffman, MAR, Campus Minister**

**Diana J. Jones, BA, DSO, Director of Intercultural Office**

**Deb Skinner, MEd, Director of Residence Life**

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## Administrators/Professionals with Faculty Status 2017-18

Year in parentheses designates date of appointment.

**Kathleen M. Clauson Bash** (2001), Division of Social Science  
AA, Kirkwood Community College; BA, Coe College; MA, University of Iowa;  
PhD, Iowa State University

**Lee Bash** (2010), School of Education  
BFA, State University of New York at Buffalo; MFA, State University of New York at Buffalo; PhD, State University of  
New York at Buffalo

**Patricia H. Draves** (2017), President  
BA, Mount Holyoke College; PhD, University of Illinois

**Ronald A. Ellis** (1994), School of Education  
BA, Graceland College; MS, University of Wyoming; PhD, Iowa State University

**Matt Frizzell** (2011), Community of Christ Seminary  
BA, Graceland University; MTS, Saint Paul School of Theology; PhD, Chicago Theological Seminary

**Gary L. Heisserer** (2008), Division of Visual and Performing Arts  
BA, St. John's University; MS, Boise State University; PhD, University of Wisconsin-Madison

**Claudia D. Horton** (1994), School of Nursing  
BSN, Graceland College; MSN, University of Missouri; PhD, University of Missouri-Kansas City

**Cathie Hosie** (1999), School of Education  
BA, Graceland College; MS, Drake University

**M. Joyce Lighthill** (2004), School of Education  
BA, Graceland College; MA, University of Missouri - Kansas City

**M. Valora Long** (2001), School of Education  
BS, Graceland College; MS, PhD, Iowa State University

**Mary Ann Manuel** (1998), School of Education  
BA, MEd, Graceland University

**Carrie Wade** (2014), Library Director  
BA, University of Missouri; MLS, University of Illinois

**Brian J. White** (2004), College of Liberal Arts and Sciences  
BA, Graceland College; MS, Utah State University; PhD, University of North Dakota

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## Full-time Faculty 2017-18

Year in parentheses designates date of appointment.

**Steven L. Anders** (1978), Professor of Economics  
BA, Graceland University; MA, PhD, Kansas State University

**Paul M. Beck** (1992), Professor of Economics  
BA, DePauw University; MA, University of Missouri-Kansas City;  
PhD, University of Missouri-Columbia

**Jacob Belmore** (2014), Instructor of Computer Science and Information Systems  
BS, Graceland University; MS, University of Central Missouri

**Sara Blessing** (2014), Instructor of Music  
BA, Luther College; MM, Oklahoma State University

**Erin Bodnar** (2014), Assistant Professor of Music  
BM, University of Victoria; MM, University of North Texas; DMA, University of Washington

**Bradley Brewster** (2014), Assistant Professor of Sociology  
BA, MA, University of Central Missouri; PhD, University of Wisconsin

**Kevin Brunner** (1998), Professor of Information Technology  
BS, Graceland College; MS, PhD, Nova Southeastern University

**Seth Campbell** (2016), Assistant Professor of Theatre  
BA, University of Southern Mississippi; MFA, University of Wisconsin-Madison

**Jane Hall Chaillie** (2014), Assistant Professor of Education  
BA, Graceland College; MEd, University of Missouri-Columbia; EdD, Creighton University

**Anthony Chvala-Smith** (2015) Assistant Professor of Religion  
BA, Central Michigan University; PhD, Marquette University

**Catherine Clifford** (2016) Assistant Professor of English  
BA, Oklahoma State University; MA, Texas A & M; PhD, University of Birmingham

**Tanya Coffelt** (2006), Assistant Professor of Education  
BS, Iowa State University; MA, Ed Specialist, University of Missouri - Kansas City; EdD, Drake University

**Linda M. DeBarthe** (1990), Professor of Accounting and Business Administration  
BA, Graceland College; MPA, University of Texas-Austin; PhD, University of Iowa

**David C. Devonis** (1997), Professor of Psychology  
BA, Temple University; MA, PhD, University of New Hampshire

**Michele Dickey-Kotz** (2000), Professor of Education  
BA, MA, University of Northern Iowa; EdD, University of Missouri-Columbia

**Jeff 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

**Jack Ergo** (2001), Associate Professor of Music  
BM, MM, Peabody Institute of Johns Hopkins University

**Teri Foster** (2005), Professor of Biology  
BA, BS, PharmD, University of Kansas

**John K. Franklin** (2006), Associate Professor of History  
BA, MA, Midwestern State University; PhD, Texas Christian University

**Julia A. Franklin** (2001), Professor of Art  
BFA, Midwestern State University; MFA, Texas Christian University

**Bryan Gatzke** (2014), Instructor of Health and Movement Sciences  
BS, University of Wisconsin-Parkside; MS, University of Wisconsin-La Crosse

**James Geiselman** (2017), Assistant Professor of Allied Health  
BS, Illinois College; BS, MS, DC, Logan University

**Karen Gergely** (2015), Assistant Professor of Art  
BFA, Shepherd University; MFA, University of Cincinnati

**Steven A. Glazer** (1996), Professor of History  
BA, Union College; MA, PhD, Georgetown University

**Urmila Harold** (2017), Assistant Clinical Professor of Nursing  
BS, MSN, Chamberlain College of Nursing

**Lin Howell** (2007), Associate Professor of Nursing  
BS, MSN, Webster University

**Paul A. Johnson** (2007), Associate Professor of Mathematics  
BS, Western Illinois University; MA, Eastern Illinois University; PhD, University of Iowa

**Michelle Julian** (2010), Assistant Professor of Nursing  
BSN, Rockhurst University-Research College of Nursing; MSN, Research College of Nursing

**Cristina S. Karmas** (1999), Professor of English  
BA, University of Nevada; MA, PhD, Ohio State University

**Ildo Kim** (2017), Assistant Professor of Communication  
BA, Hankuk University; MA, Korea University; PhD, University of California-Davis

**Christopher King** (2017), Instructor of Health and Movement Science  
BS, Northwest Missouri State University; MS, Emporia State University

**Sharon Little-Stoetzel** (2012), Professor of Nursing  
BS, Truman State University; MSN, University of Missouri-Columbia; PhD, University of Phoenix

**Adam Martin** (2012), Assistant Professor of Political Science  
BA, California Lutheran University; MA, PhD, University of California-Irvine

**Stewart L. McDole** (1982), Professor of Health, Physical Education and Recreation  
BA, Graceland College; MS, ReD, Indiana University-Bloomington

**Dennis McElroy** (2000), Associate Professor of Education  
BS, MS, PhD, Iowa State University

**Jeffery McElroy** (2008), Associate Professor of Business Administration  
BA, Graceland University, MBA, Drake University

**Bradley D. Mercer** (2003), Professor of Chemistry  
BS, Graceland College; PhD, Texas Christian University

**Andrew Miller** (2015), Instructor of Athletic Training  
BS, William Woods University; MA, Columbia College

**Tyler Mitchell** (2017), Assistant Professor of Mathematics  
BA, Carleton College; PhD, Northern Illinois University

**Jonathan Montalvo** (2017), Assistant Professor of Spanish  
BA, Purdue University Calumet; MA, Western Michigan University; PhD, Michigan State University

**Raquel Moreira** (2014), Assistant Professor of Communication  
BA, Estacio de Sa University, Brazil; MA, Federal Fluminense University, Brazil; PhD, University of Denver

**Larry Murphy** (2016) Associate Professor of Accounting  
BS, Iowa State University; MBA, Drake University

**Max Pitt** (1999), Assistant Professor of Business  
BS, Graceland College; MBA, University of Texas

**Daniel J. Platt** (2015), Assistant Professor of English  
BA, The College of New Jersey; MA, PhD, University of Oregon

**Jennifer L. Poulton** (2001), Professor of Biology  
BA, Wittenberg University; PhD, Pennsylvania State University

**Robert A. Poulton** (2003), Associate Professor of Economics  
BA, Wittenberg University; PhD, Pennsylvania State University

**Daniel V. Pratt** (1999), Professor of Chemistry  
BS, Graceland College; PhD, University of Washington

**Isaac Pressnell** (2011), Associate Professor of English  
BA, The Ohio State University; MFA, West Virginia University-Morgantown

**Timothy Robbins** (2015), Assistant Professor of English  
BA, Hunter College; MA, PhD, University of Iowa

**Amy Salmeto-Johnson** (2014), Assistant Professor of Psychology  
BA, Albion College; MA, PhD, University of Mississippi

**Tracy Salter** (2010), Associate Professor of Theatre  
BA, Graceland University; MFA, University of Florida

**Kristin Seemuth Whaley** (2017), Assistant Professor of Philosophy  
BA, University of Wisconsin; PhD, University of Illinois at Urbana-Champaign

**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

**Brian C. Smith** (1999), Professor of Psychology  
BA, Rice University; JD, University of Texas-Austin; PhD, University of Minnesota

**Jason Smith** (2012), Associate Professor of Mathematics  
BA, University of Minnesota; MS, University of North Dakota; PhD, Iowa State University

**Beverly South** (2008), Assistant Professor of Nursing  
BSN, St. Luke's College of Nursing; MSN, University of Missouri-Kansas City

**Thelma Sword** (2002), Associate Professor of Nursing  
BSN, Graceland College; MSN, Drake University; EdD, University of Phoenix

**Barbara A. Voshall** (1999), Professor of Nursing  
BS, Graceland College; MN, University of Kansas/Lawrence; DNP, Oakland University

**Cindy Waits** (2010), Assistant Professor of Nursing  
BSN, Webster University; MSN, University of Phoenix

**Jessica Hilsabeck Wallace** (2010), Instructor of Health and Movement Science  
BS, Northwest Missouri State University; MA, University of Nebraska-Omaha

**John Wood** (2016), Assistant Professor of Nursing  
BSN, University of Nebraska Medical Center of Nursing-Lincoln Campus; MSN, Research College of Nursing

**Jessica Ziegler** (2017), Assistant Professor of Sociology  
BA, Western Kentucky University; MA, PhD, Bowling Green State University

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## Part-time Faculty 2017-18

Year in parentheses designates date of appointment.

**Jen Abraham-White** (2010), Adjunct Faculty, Biology, First Year Experience  
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

**Justin J. Akers** (2010), Adjunct Faculty, Agricultural Business  
BS,MS, Iowa State University

**Bill Batzli** (2005), ACE Instructor, Psychology and Religion



BS, Graceland University; MS, Park University

**Debra Bell** (2005), Faculty Associate, Health Care Management  
BS(N), University of Wisconsin; MSN, University of Phoenix

**Laurie Besco** (2005), ACE Instructor, Sociology  
BS, Northwest Missouri State University; MA, University of Kansas

**Paul A. Binnicker** (2002), Adjunct Faculty, Business Administration  
BA, Graceland University; MBA, Baylor 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

**Steven Charlston** (2017), Adjunct Faculty, Music  
BA, University of Northern Iowa

**Jennifer Charlton** (2014), Clinical Adjunct, Nursing  
BSN, Rockhurst University (Research College of Nursing); MSN, University of Missouri-Kansas City

**Garnet Coulthard** (2007), Adjunct Faculty, Accounting  
BA, Graceland College; MAC, Golden Gate University

**Bryan Courtney** (1998), Adjunct Faculty, Physical Education  
BA, Graceland College

**Catharine Craig** (2014), Adjunct Faculty, Career Planning  
BA, MA, Graceland University

**Marlin DeVries** (2016), ACE Instructor, Mathematics  
BS, South Dakota School of Mines and Technology; Med, University of Hartford; MBM, Rensselaer Polytechnic Institute; MEM, Rensselaer Polytechnic Institute

**Craig A. Doty** (2016), Adjunct Faculty, Physical Education  
BA, Morningside College

**Jared A. Doty** (2009), Adjunct Faculty, Business Administration  
BA, Graceland University

**Gregory M. Edwards** (2003), Adjunct Faculty, Humanities  
BA, University of Missouri - Kansas City; MA, Baker University

**Nicholas Ekel** (2017), Adjunct Faculty, Physical Education  
BS, University of Wyoming

**Gelene Evans** (2016), Adjunct Faculty, Health  
BS, MS, Iowa State University

**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

**Andrew Genz** (2017), ACE Instructor, Mathematics  
BS, St. Ambrose University; MA, University of Northern Iowa

**Jean Gordon** (2007), Faculty Associate, Health Care Management  
BSN, University of Miami; MS/HRM, DBA, Nova Southeastern University

**Doug Greene** (2004), ACE Instructor, Music  
BS, Drake University; MS, Northwest Missouri State 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

**Melinda Hardin** (2005), ACE Instructor, English  
BS, Simpson College; MA, Drake University

**Urmila F. Harold** (2016), Adjunct Faculty, Athletic Training  
BSN, MSN, Chamberlin College of Nursing

**Chad Hawkins** (2016), Faculty Associate, Health, Physical Education, Recreation  
BS, Calvary Bible College; MS, Emporia State University

**Cory Hoff** (2016), Adjunct Faculty, Business Administration  
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

**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

**Donna Hurt** (2016), Adjunct Faculty, Human Services, Sociology  
BS, Northwest Missouri State University; MS, University of Missouri-Columbia

**Megan Ihnen** (2016), Adjunct Faculty, Music  
BA, Augustana University; MM, Johns Hopkins University Peabody Institute

**Betty Iorg** (1988), Adjunct Faculty, Biology  
BS, Southwest Missouri State University; MS, University of Kansas

**Shawna Jackson** (2011), Faculty Associate, Nursing  
BSN, Graceland University; MS, University of Missouri-Columbia

**Jenelle Jarnigan** (2005), ACE Instructor, Mathematics  
BS, MS, Iowa State University

**Diana J. Jones** (2012), Adjunct Faculty, Intercultural Programs  
BA, Graceland University

**Jeanie Kaeberle** (2015), Clinical Adjunct, Nursing  
BSN, Kansas University School of Nursing; MSN, Walden University

**Harold Keplinger** (2012), Faculty Associate, Mathematics  
BS, Northwest Missouri State University; MS, PhD, Iowa State University

**Sherry B. Leialoha-Waipā** (2005), Adjunct Faculty, Education  
BS, Bellevue University; MEd, Graceland University; PhD, Walden University

**Richard K. Lindgren** (2016), Adjunct Faculty, Business Administration  
BBA, MBA, University of Michigan; MAT, Xavier University

**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

**James Massey** (2016), Adjunct Faculty, Philosophy  
MBA, Webster University; DMA, Combs College of Music

**Jacob Mattern** (2016), Adjunct Faculty, Physical Education  
BS, The Illinois Institute of Art; BA, Northern Illinois University

**Steven McKenna** (2016), Adjunct Faculty, English  
PhD, University of Rhode Island

**Brady McKillip** (2009), Part-Time Faculty, Physical Education, Recreation  
BA, Graceland University; MS, Emporia State University

**Barbara McMahill** (2009), Adjunct Faculty, Education  
BS, Missouri Western State College; MA, University of Missouri - Kansas City, MEd University of Kansas

**Ursula McNamara**(2002), Adjunct Faculty, Biology, Science  
BS, University of Missouri - Kansas City; MS, PhD, University of Wisconsin

**Zachary R. Mullins** (2013), Adjunct Faculty, Physical Education  
BA, MA, Briar Cliff 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

**Annie Pettit** (2006), ACE Instructor, Mathematics  
BS, Miami University; MS, Iowa State University

**Angela Keplinger-Radloff** (2013), Adjunct Faculty, Education, Health, Physical Education  
BS, Iowa State University; MS, Northwest Missouri State University, MEd, Central Missouri State University

**Joni Readout** (2017), ACE Instructor, Education  
BS, MEd Iowa State University

**Erin Elizabeth Rider** (2015), Clinical Adjunct, Nursing  
BSN, Marquette University; MSN/ED, University of Phoenix

**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

**Deborah Rowe** (2004), ACE Instructor, Psychology  
BS, University of New Hampshire; MEd, Graceland University

**David D. Schaal** (2014), Adjunct Faculty, Student Life Leadership  
BA, Park College; MA, Park University

**Drew Schaefer** (2011), Faculty Associate, Business Administration  
MBA, University of Missouri-Kansas City

**Suzie Scheer** (2011), Adjunct Faculty, Organizational Leadership  
BA, University of Northern Iowa; MBA, Keller Graduate School of Management

**Matt Schulte** (2005), ACE Instructor, Mathematics  
BA, Central College; MSM, Iowa State University

**Ralph Shaw** (2010), ACE Instructor, History  
BA, Graceland University; MA, University of Missouri

**Deborah L. Skinner** (2010), Adjunct Faculty, Student Life Leadership  
BA, Graceland University

**Mitchell Spain** (2017), Adjunct Faculty, Art  
BFA, University of Iowa; MFA, University of Kansas

**Jennifer S. Stevenson** (2016), Adjunct Faculty, Education  
BA, University of Missouri-Kansas City; MA, University of Phoenix; MA, University of Central Missouri; MS, Kansas State University

**Allison Thompson** (2017), Faculty Associate, Communication  
BA, University of Northern Iowa; MA, Bellevue University

**Pat Trachsel** (1992), Faculty Associate, Nursing  
BSN, Mid-America Nazarene College; MSN, University of Kansas; PhD, Walden University

**David J. Trehitt** (2012), Adjunct Faculty, Education  
BA, Graceland University; MA, Missouri State University; ABD, University of Missouri-St. Louis

**Nancy Wallace** (1977), Adjunct Faculty, Psychology  
BA, Graceland University; MSW, University of Iowa

**Daryn P. White** (2015), 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

**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

**Constance A. Wright** (2008), Adjunct Faculty, Business Administration  
BS, University of Kansas; MA, Webster University

**Jeremy R. Yenger** (2014), Adjunct Faculty, Social Science

BS, Drake University; MA, University of Northern Iowa; EdD, Drake University

**Lauren Youngs** (2013), Adjunct Faculty, Psychology

BA, Graceland University; MS, 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

**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

**Paul M. Edwards** (1960-1982)/Religion

BA, Washburn University; MA, University of South Dakota; PhD, University of St. Andrews

**MaryBeth C. Evans** (1952-1988)/Education

BS, Northwest Missouri State University; MA, University of Iowa; EdD, Wayne State University

**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

**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

**Winston E. Inslee** (1955-1985)/Theatre and Speech

BA, MA, University of Washington

**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

**Sharon M. Kirkpatrick** (1980-2010)/Nursing  
BSN, California State University; MN, PhD, University of Kansas

**Richard K. Lindgren** (1980-1985, 2002-2008)/Business  
BBA, MBA, University of Michigan; MAT, Xavier 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

**Velma N. Ruch** (1946-1986)/English  
BA, University of Iowa; MA, University of Michigan; PhD, University of Wisconsin

**William D. Russell** (1966-2007)/Political Science and History  
BA, Graceland College; MDiv, St. Paul School of Theology; JD, University of Iowa

**Ronald K. Smith** (1978-2017), Professor of Mathematics  
BA, Graceland College; MS, PhD, Iowa State University

**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; MEd, Northwest Missouri State University; EdS, Central Missouri State University

**Betty L. Welch** (1959-1985)/Physical Education  
BS, University of Kansas; MS, University of Colorado

**Darlene V. Wight** (1961-1987)/Speech and English  
BA, MA, University of Kansas

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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, Inc. magazine's 32nd fastest-growing privately held company in America. Currently, Skillpath develops and presents more than 12,000 one and two-day public seminars annually, over a wide variety of business management, personal growth and development, and technical skill topics (also under the name, CompuMaster) 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. The division 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 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—Market and administer the USDA Rural Development Revolving Loan Fund. This program is designed to be a credit outlet for small businesses and startups in Decatur and Ringgold Counties that need extra assistance when starting or expanding their business. Applications are collected and reviewed by the Revolving Loan Board, which is made up of bankers, entrepreneurs and other local business people. Loans are administered by Center staff, and if desired, business consulting is also carried out by the Center Director and Graceland Enactus students.

# Special Programs

## Pre-Med, Pre-Dental, Pre-Optometry, or Pre-Chiropractic

Students interested in pursuing a Doctor of Medicine (MD), Doctor of Osteopathic Medicine (DO), Doctor of Dental Surgery (DDS), Doctor of Dental Medicine (DMD), Doctor of Optometry (OD), or Doctor of Chiropractic (DC) degree should major in Biology or 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 (in addition to major requirements) for preparation for admission and success in medical, dental, optometry, or chiropractic school:

- BIOL2360 Microbiology
- BIOL3310 Molecular Genetics
- BIOL4450 Cell Biology
- BIOL4460 Cancer Biology
- BIOL3500 Applied Pharmacology
- MATH1380 Introduction to Statistics
- MATH1510 Calculus I

During summers, students should consider internships or volunteer experiences at local hospitals, clinics, or private practices to gain practical experience. Most students take the MCAT (medicine), DAT (dentistry), or OAT (optometry) exam in April of their junior year and begin to apply to professional schools during the summer following their junior year. Early application using the AMCAS (medicine), AADSAS (dentistry), OptomCAS (optometry) or another appropriate application service is strongly recommended.

## Pre-Pharmacy

Students interested in pursuing a Doctor of Pharmacy (PharmD) degree should major in Biology or 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 (in addition to major requirements) for preparation for admission and success in pharmacy school:

- BIOL3120 Internship in Biological Sciences
- BIOL3420 Human Anatomy
- BIOL3440 Human Physiology
- BIOL3500 Applied Pharmacology
- BIOL4310 Biochemistry
- BIOL4400 Immunology
- BIOL4450 Molecular and Cellular Biology
- MATH1380 Introduction to Statistics
- 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.

# Pre-Veterinary Medicine

Students interested in pursuing a Doctor of Veterinary Medicine (DVM) degree should major in 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:

- BIOL2560 Nutrition
- BIOL3120 Internship in Biological Sciences
- BIOL3420 Human Anatomy
- BIOL3440 Human Physiology
- BIOL3500 Applied Pharmacology
- BIOL4310 Biochemistry
- BIOL4400 Immunology
- BIOL4450 Molecular and Cellular Biology
- MATH1380 Introduction to Statistics
- 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.

# Pre-Physical Therapy and Other Allied Health Professions

Students interested in pursuing a Masters (MPT) or Doctor of Physical Therapy (DPT) degree should major in Biology or another appropriate major from the Division of Health and Movement Science. Students should review the admissions requirements for the physical therapy schools of their choice. We recommend that students complete the following courses (in addition to major requirements) for preparation for admission and success in physical therapy school:

- ATHT2500 Medical Terminology
- BIOL3120 Internship in Biological Sciences
- BIOL3420 Human Anatomy
- BIOL3440 Human Physiology
- MATH1380 Introduction to Statistics
- MATH1510 Calculus I
- PHED3340 Biomechanics
- PHED4360 Physiology of Exercise
- PSYC1300 Introductory Psychology
- PSYC2250 Developmental Psychology
- SOCI1300 Introduction to Sociology

During summers, students should consider internships or volunteer experiences working with licensed physical therapists at local hospitals or clinics to gain practical experience. Most students take the GRE exam in April of their junior year and begin to apply to physical therapy schools during the summer following their junior year. Early application using the PTCAS application service is strongly recommended.

Students interested in other allied health professions should follow similar recommendations. As always, students

should review the admissions requirements for the programs of their choice and seek practical experience in the field.

## Forensic Science and Other Graduate Programs

Students interested in pursuing a MS or PhD in forensic science or another related field should major in Biology or 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 (in addition to major requirements) for preparation for admission and success in a forensic science program:

- BIOL3120 Internship in Biological Sciences
- BIOL3420 Human Anatomy
- BIOL3440 Human Physiology
- BIOL4310 Biochemistry
- BIOL4450 Molecular and Cellular Biology
- CHEM3300 Analytical Chemistry
- CHEM4330 Instrumental Analysis
- MATH1380 Introduction to Statistics
- 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.

Major universities offer a diverse array of graduate programs in the sciences. Students will find an interesting selection of MS and PhD programs, including Biochemistry, Molecular Genetics, Bioinformatics, Microbiology, Pathology, Marine Biology, Wildlife Biology, Environmental Science, and many more. Students should review the admissions requirements for the graduate schools of their choice and plan their coursework accordingly. During summers, students should consider internships or research opportunities at major universities 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.

## Pre-law

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 <http://www.lsac.org>).

## Pre-engineering

Graceland maintains a program of advising and information sharing for pre-engineering students. Students are encouraged to major in [Chemistry](#) or [Mathematics](#) while attending Graceland University. For additional information

about the engineering program at Iowa State University, see [www.engineering.iastate.edu](http://www.engineering.iastate.edu). For additional information about the engineering program at the University of Iowa, see [www.engineering.uiowa.edu](http://www.engineering.uiowa.edu). For additional information about the engineering program at the University of Missouri at Rolla see <http://www.mst.edu/>.

# Financial Aid

Graceland University is committed to managing our costs while maintaining a quality education to each and every student. Over 98% of residential Graceland students receive financial aid. There are several forms of Financial Aid available to students, which include Federal, State and Institutional. Graceland offers academic merit and need based aid to students who qualify. Other institutional aid includes scholarships, grants, loans and work study. Financial aid is supplementary to the effort of the family with whom rests the primary responsibility for financing a college education.

Student Financial Services is the only office at Graceland University authorized to offer financial aid to students. Only awards originating from this office will constitute a commitment on behalf of Graceland University. Recommendations for awards can be made by faculty or staff on campus, and these are taken into consideration before the award letter is sent.

In order to receive federal or state financial aid, students must file a Free Application for Federal Student Aid (FAFSA) each year and be making [satisfactory academic progress](#) as defined in this Catalog. (A FAFSA is required for each applicant. When more than one student from the same family plans to attend college, a FAFSA must be filed yearly for each student. To file the FAFSA, go online at <http://www.fafsa.ed.gov/>. Financial assistance is awarded without regard to race, color, sex, religion, sexual orientation, or politics.

**NOTE: Information about the various types of financial aid is subject to change when federal regulations change. Please see the explanation of [Graceland's Refund Policy](#) for charges and for return of federal, state and institutional 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 January 1. Awards will be made beginning approximately March 1.

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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 (FAFSA) each year so that their eligibility may be reviewed annually.

Returning students may file a renewal FAFSA online at <http://www.fafsa.ed.gov/>. 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 Lamoní Campus and to students in the residential nursing program on the Independence 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 and be enrolled at least half-time. 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.

**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:** Provides low-interest loans to financially needy undergraduate students. Interest on the loans is paid by the government while borrowers are in school. Borrowing is subject to annual and aggregate loan limits. 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. 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.

Dependent undergraduate students may be eligible to borrow up to:

\$3,500 as a first-year student

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\$4,500 as a second-year student

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\$5,500 as a third through fifth year student

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For Unsubsidized Loans only - Independent undergraduate students may be eligible to borrow up to \$4,000 more during the first and second years and \$5,000 more during the third through fifth years. Graduate and professional students may borrow up to \$20,500 per year, if the student's cost of attendance allows

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**Federal Direct Subsidized Loan only:** No payments are due from the student and the government pays all interest while the student is in school.

**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 or for whom Financial Aid Services has made a professional judgment decision, the student may have additional unsubsidized loan eligibility up to:

	Dependent Student	Independent Student
Year 1-2	\$2,000	\$6,000
Year 3-5	\$2,000	\$7,000

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For maximum undergraduate degree amounts available, see your Financial Advisor.

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**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 [www.federalstudentaid.ed.gov](http://www.federalstudentaid.ed.gov).

**Iowa Tuition Grant:** Iowa Tuition Grants (ITG) are funded by the State and are 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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# Student Rights & Code of Conduct

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## 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)

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 forementioned 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, previous 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)).

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## 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](#) or in the Dean of Students Office.

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## Missing Student Policy

Graceland's [Missing Student Policy](#) 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](#).

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.

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## 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.

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## 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.

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## 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).

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## Sexual Misconduct Policy

Please see the Harassment, Discrimination, and Sexual Misconduct Policy available [online](#) or in the Dean of Students office by request.

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## 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.

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## 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.

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## 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 "[Student Appeal of Final Grade](#)" policy and procedure.

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# 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.

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## 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 six 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 six 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 17 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 InfoCentral at 641-784-5167.

[Housing requests](#) can be completed online after a student has received their MyGraceland username and password, through June 30th. 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](#) 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](#). 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](#). 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](#) 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. The online form is available on MyGraceland. A link to the form will be included on the Enrollment Checklist. Signed housing contracts are valid for the academic year unless cancelled under the terms of the contract. 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 or Tower Apartments 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 (<http://www.gracelanddining.com/plans/index.html>). 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.

Students living in the Tower Apartments, designed for married students and students with legal dependents, are not required to purchase a meal plan.

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## Campus Ministries

The mission of Campus Ministries is to engage students in building community, sharing faith, and creating peace and justice. We are a partnership between Graceland University and Community of Christ, the university's founding and sponsoring denomination.

Campus Ministries serves to create a spiritual home for students. A spiritual home is a 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 invite all students to discern their vocation and calling through academics, their own faith tradition, and through ecumenical and interfaith activities. Weekly activities and worship in the Community of Christ tradition are student-led and supported by Campus Ministers. We collaborate with other faith traditions for both on-campus and off-campus options for students.

Campus Ministries is an integral part of the Student Life. Through collaboration, we have started using the VALUE Rubrics of the Association of American Colleges and Universities to assess student learning outcomes associated with co-curricular and extra-curricular activities. The Campus Ministries offices are located in the Memorial Student Center (MSC), in the Student Life offices wing.

The Campus Ministries team includes

- student chaplains serving in each of the residence houses available to offer caring peer support, including the president of the Council of House Chaplains
- associates who are student employees serving in specialized areas and ministries, including a student pastor, and
- two campus ministers, one full-time and one graduate assistant serving part-time and enrolled in the Community of Christ seminary

### ***InSpire: Missional Ministry and Leadership***

InSpire prepares students for lifelong service in missional ministry and leadership in the Community of Christ following graduation. Through a formational process connecting academic courses, the missional ministry and leadership practicum, and on-campus experiential and experimental ministry, students discern and/or continue their journey to become effective bi-vocational ministers. The goal is to merge fields of interests and education with theological and ethical understanding into missional ministry and leadership. Contact the Campus Minister for more information.

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## 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) and Intramural Athletics (IM)
- Judicial — Council on Student Welfare (CSW)
- Spiritual — Council of House Chaplains

Each body has specific functions and responsibilities.

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## The Career, Academic, and Personal Counseling (CAP) Center

The CAP Center is located in the north wing of Patroness Hall. Its purpose is to help students understand themselves and realize their career, academic and personal goals by integrating three services:

**CAREER PLANNING** — Career Development Specialists guide students through the process of self-assessment, choosing a major, exploring possible career fields, and then the job search process. They help students locate resources for securing internships and summer jobs. Advisors also assist with resume and cover letter development, LinkedIn profile writing, SEO (online presence), personal statements for graduate school, and provide mock interviews. The CAP center sponsors internship and career fairs on campus. The CAP center also assists students in attending career fairs off-campus.

**ACADEMIC ADVISING** — Academic Advising Specialists help all new students and nursing majors with the academic planning process as well as to explore life and career goals. Advisors share information about campus resources, educational options including choice of major, and academic policies and procedures. Students begin to work with their Academic Advisors during New Student Orientation prior to the beginning of classes.

**PERSONAL COUNSELING** — Personal Counseling staff helps all students with problems such as depression, anxiety, and other behavioral concerns that interfere with their academic and social life on campus through individual, group or couples counseling, crisis intervention, or brief problem-solving sessions. Through the counseling process, students may explore their interpersonal relationships and their college experience. Personal Counseling staff is also available to talk with students or groups on personal development topics such as assertiveness, eating disorders, date rape, and conflict resolution. The personal counselor(s) may refer students to other professional services when necessary.

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## Student Publications

**The Tower** is an online newspaper published by Graceland students that covers the happenings of the campus community in addition to voicing student and faculty opinion. Two print versions are published per year. **The Vespiary** is a student-run literary magazine produced annually. **The Acacia** is the university yearbook, which is also published by students. All three of these publications are under the supervision of sponsors.

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# Music Groups

Graceland's Music Department offers a variety of ensembles for students to participate in, including: Orchestra, Symphonic Band, Jazz Band, Drumline, Pep Band, Concert Choir, Chamber Choir, and a variety of chamber groups (percussion ensemble, flute choir, brass choir, etc.). 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 lessons in voice, piano, strings, woodwinds, brass, percussion, guitar, and bass.

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# Recreational Facilities

The Eugene E. and Julia Travis Closson Physical Education Center includes an indoor pool; 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, the Hal McKain 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.

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# Student Health

Graceland partners with Community Health Centers of Southern Iowa to service the health needs of students. CHCSI has a satellite location on campus, located in the lower level of Walker Hall (entrance at the northeast corner of the building). Please visit the [Health Services](#) page on My Graceland for additional information.

## Health and Immunizations Forms

All students entering Graceland for the first time are required to have a completed [Health Form](#) with an updated Immunization Record on file at Student Health Services.

## 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.

## Health Insurance for International Students

All international students, including Canadians, will be automatically enrolled with LowerMark 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](#).

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## Student Handbook

A [student handbook](#) is available online. This handbook includes the Code of Conduct, campus policies, and general information.

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## Student Persistence

43% of new high school graduates who entered Graceland University in Fall 2010 graduated by 2016. 79% of the transfer students who entered Graceland in Fall 2010 completed the baccalaureate degree at Graceland by 2016. Graduation rates of students with athletically related aid are available [here](#).

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## 2016-2017 Cumulative Summary of Enrollment

<b>Undergraduate</b>	
Lamoni	1,358
Independence	95
CGCS	328
Total Undergraduate	1,781
<b>Graduate</b>	
CGCS	1,139
Total Graduate	1,139
Total University Enrollment	2,920

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# Cumulative Geographical Distribution of Undergraduate Students for 2016-2017

(Lamoni and Independence Campuses - Fall and Spring Semesters)

40 States plus American Somoa, Armed Forces Europe and Puerto Rico are represented. 26 Countries are represented.

UNITED STATES		COUNTRIES	
Alabama	4	Angola	1
Alaska	1	Australia	7
American Somoa	1	Azerbaijan	1
Arizona	31	Bosnia & Herzegovina	2
Arkansas	5	Bulgaria	1
Armed Forces Europe	1	Cameroon	1
California	85	Canada	11
Colorado	16	Columbia	4
Connecticut	2	Dominican Republic	1
Delaware	2	Egypt	2
Florida	40	Ghana	1
Georgia	3	Honduras	1
Hawaii	14	Indonesia	1
Idaho	4	Jamaica	1
Illinois	37	Japan	1
Indiana	3	Kosovo	2
Iowa	587	Latvia	1
Kansas	36	Mexico	3
Louisiana	2	Nepal	4
Maryland	3	Norway	1
Massachusetts	1	Russia	1

Michigan	12	Spain	1
Minnesota	9	Sweden	1
Mississippi	1	United Kindom	3
Missouri	324	United States	1,390
Nebraska	5	Venezuela	9
Nevada	11	Zambia	1
New Jersey	2	<b>TOTAL COUNTRIES</b>	<b>1,470</b>
New Mexico	1		
New York	7		
North Carolina	3		
Ohio	13		
Oklahoma	5		
Oregon	8		
Pennsylvania	3		
Puerto Rico	18		
South Carolina	1		
Tennessee	3		
Texas	61		
Utah	2		
Washington	13		
West Virginia	1		
Wisconson	8		
<b>TOTAL UNITED STATES</b>	<b>1,390</b>		





# 2017 - 2018 Undergraduate Tuition, Expenses and 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 2018 – 2019.

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## 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.

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# 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.

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# 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.

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# 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.

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# 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.

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# Additional Costs

The cost of books and supplies varies by program. The amount provided as expected budget is \$520.00 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.

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# General Fees

## 2017-18

(applicable to all programs unless otherwise specified)

Acacia Yearbook	\$ 50.00	(included in graduation fee)
Application Fee (Missouri program students have a three business day right of rescission.) (Not applicable to the Lamoni Campus traditional program.)	\$ 50.00	
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 Replacements with Cover	\$ 50.00	
Diploma Replacements without Cover	\$ 40.00	
Distance Learning Bookstore Restocking Fee	\$ 10.00	occurrence
Excess Check Overnight Mailing Fee (nonrefundable)	\$ 35.00	
Experiential Learning Credit Fee (nonrefundable)	\$ 100.00	credit hour
Extension Fee for Incomplete Course (nonrefundable)	\$ 100.00	
Online Access Extension Fee (online access beyond course dates)	\$ 110.00	
Graduation Fee (due with application for graduation) (nonrefundable)	\$ 100.00	
Lamoni Campus students (includes a copy of Acacia)	\$ 150.00	
ID Card Replacement Fee (nonrefundable)	\$ 15.00	
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.)	\$ 100.00	

Late Change of Registration Fee (requires official approval) (nonrefundable)	\$	50.00	
Late Financial Clearance Fee (nonrefundable)	\$	200.00	
Payment Plan Processing Fees (nonrefundable)	\$	50.00	plans>2 months
Proficiency Examination Fee (nonrefundable)	\$	100.00	credit hour
Online Access for Proficiency Exam (nonrefundable)	\$	110.00	per online exam
Program Re-Sequencing Fee (applicable as determined by program) (nonrefundable)	\$	100.00	
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)	\$	50.00	
Recording Fee (nonrefundable)			
CEU Credit Recording Fee for Seminars and Workshops (may have additional costs)	\$	20.00	event
College Level Examination Program (CLEP)	\$	20.00	semester hour
Excelsior College Exam (non nursing)	\$	20.00	semester hour
Internship Recording Fees			
Blank Park Zoo	\$	125.00	student
Des Moines Botanical Center	\$	125.00	student
Joseph Smith Historical Center	\$	60.00	student
Kirtland Temple Historic Center	\$	60.00	student
Living History Farms	\$	60.00	student
Science Center of Iowa	\$	125.00	student
Returned Check Service Charge (nonrefundable)	\$	30.00	check
Student Health Insurance for International Students (nonrefundable)			
Fall Semester	\$	TBD	semester
Spring Semester	\$	TBD	semester
Transcript Fee (nonrefundable)			
Official	\$	10.00	each

transcript

Unofficial		Available free online through <a href="#">My Graceland</a>
Faxing Fee	\$ 3.00	each transcript
Overnight Mailing Fee	\$ 40.00	
University Technology Fee (nonrefundable)		
Lamoni or Independence Campus full-time students (hours 10 or more)	\$ 120.00	fall / spring
Lamoni or Independence Campus part-time students (under 10 hours)	\$ 8.00	per credit hour
All other students except ACE and Skillpath	\$ 2.00	per credit hour
Visiting Student Fee (Global Campus) (Missouri program students have a three business day right of rescission) (nonrefundable)	\$ 50.00	course
Wiring Fee - Domestic Wires	\$ 5.00	each
International Wires	\$ 45.00	each

# Lamoni Campus

## 2017-18 Tuition and Fees

### Tuition, Room, Board and Student Activity Fees

<b>Total for full-time tuition, standard two-person room, full meal plan, university technology fee and student activity fee</b>	\$ 36,590.00	year
	\$ 18,295.00	semester
<hr/>		
<b>Full-time tuition</b> (semester hours 10-18)	\$ 27,500.00	year
	\$ 13,750.00	semester
<hr/>		
<b>Part-time tuition</b> (semester hours less than 10 or over 18)	\$ 800.00	semester hour
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<b>Rooms</b> (nonrefundable after the first week of school)		
<hr/>		
Standard two-person room	\$ 3,300.00	year
	\$ 1,650.00	semester
<hr/>		
Semi-private room	\$ 3,750.00	year
	\$ 1,875.00	semester
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Private room	\$ 4,180.00	year
	\$ 2,090.00	semester
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Small and Thomas Apartments rental (per student rate) (unfurnished)	\$ 450.00	deposit
<hr/>		
Two students	\$ 4,700.00	year
	\$ 2,350.00	semester
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Three students	\$ 4,335.00	year
	\$ 2,167.00	semester
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Four students	\$ 4,140.00	year
	\$ 2,070.00	semester
<hr/>		
Tower Apartment rental	370.00	deposit
	370.00	month
	3,300.00	year
	1,850.00	Fall
		(5
	1,480.00	months)
		Spring
		(4
		months)
<hr/>		
Animal deposit	\$ 450.00	

### Board



Full meal plan (available to all students)	\$ 5,180.00	year
	\$ 2,590.00	semester
Five meal plan (available to students in apartments and off campus)	\$ 2,620.00	year
	\$ 1,310.00	semester
<b>Student Activity Fee</b> (students in 10 or more hours) (\$50 of this fee is nonrefundable because it provides \$50 of dining program G Bucks)	\$ 370.00	year
	\$ 185.00	semester
<b>University Technology Fee</b> (full-time students) (part-time students are charged \$7 credit hour)	\$ 240.00	year
	120.00	semester

## Fees

ACE Course Fee	\$ 150.00	course
Athletic Training professional fee (Athletic Training majors)	\$ 60.00	semester
Athletic Participation Fee (nonrefundable) (Assessed in fall to all students with athletic scholarships) (\$50 assessed to spring only students)	\$ 100.00	year
Background Check (Education Major)	\$ 30.00	one time
Business/Marketing Course Fees		
BUAD4210 - Seminar - Social Media Marketing	\$ 60.00	course
SPMT3300 - Sport Marketing	\$ 10.00	course
C-BASE testing fee (Education majors)	\$ 60.00	test
Career Planning course fees		
CRPL1100 - Career Planning	\$ 20.00	course
Deposit (one-time fee, to be paid prior to enrollment)	\$ 200.00	
Education technology fee (Education majors) (nonrefundable)	\$ 110.00	year
English course fees		
ENGL3530 Digital Filmmaking	\$ 135.00	course
G Bucks dining program (nonrefundable) (\$50 of the \$185 student activity fee)	\$ 50.00	semester
Health and Movement Science course fees		
ATHT1400 Introduction to Athletic Training	\$ 10.00	course
ATHT1500 Acute Care and Management	\$ 45.00	course

ATHT3110 Kinesio Taping	\$ 150.00	course
ATHT4730 Capstone Clinical	\$ 30.00	course
ATHT4901 Instrument Assisted Soft Tissue Mobilization	\$ 25.00	course
HLTH1100 First Aid	\$ 32.00	course
HLTH1110 First Aid for the Professional Rescuer	\$ 40.00	course
PHED2240 Aquatics Theory	\$ 110.00	course
PHED0150 Bowling	\$ 100.00	course
PHED0610 Life Guard Training	\$ 70.00	course
PHED0360 Scuba Diving	\$ 150.00	course
PHED2260 Intro to Performance	\$ 20.00	course
PHED2720 Practicum I	\$ 30.00	course
PHED4720 Practicum II	\$ 250.00	course
RECR1100 Introduction to Leisure Services	\$ 25.00	course
iPad Initiative Fee (Education majors) (nonrefundable)	\$ 700.00	one time
Keyboard/Piano class lab fees	\$ 35.00	course
Music instrument rental fee	\$ 25.00	semester
Music senior recital fee	\$ 55.00	semester
Music lesson course fees		
One semester hour	\$ 365.00	
Two semester hours	\$ 480.00	
Three semester hours	\$ 510.00	
Four semester hours	\$ 550.00	
Program Support Fee (online courses)	\$ 6.00	course
Retired citizen administration fee (tuition waived for one course per semester)	\$ 50.00	semester
Science laboratory course fee		
BIOL1520, 2300, 2430, 2440, 3400, 3420, 3440	\$ 25.00	course

BIOL2100, 2360, 4120, 4130 / CHEM4120, 4130	\$ 40.00	course
BIOL3310, 4450	\$ 50.00	course
BIOL4310 / CHEM1431, 1441, 4310	\$ 60.00	course
CHEM3300, 3411, 3421, 3610, 3620, 4330	\$ 30.00	course
Student Teaching fee	\$ 165.00	
(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.)		
Studio Art course fees	\$ 10.00	course
Study Abroad enrollment fee (nonrefundable)		
Fall or spring semester	\$ 500.00	
Summer session	\$ 300.00	
Internship only/individual study (any session FA/SP/SU)	\$ 150.00	
Theatre Stagecrafts course fee - THTR1310	\$ 40.00	course
Theatre Stagecrafts II course fee - THTR2900	\$ 45.00	course
Vehicle registration fee (nonrefundable) (whether residing on or off campus)	\$ 50.00	year

## Lamoni Campus - Discounts

Honors Program tuition waiver: 100 percent 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 percent 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 percent waiver (students 60 years of age or over)

Tuition waived for one course per semester and requires a \$50.00 administration fee.

## Lamoni Campus - Summer Session

Tuition	\$ 325.00	semester hour
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## Summer Travel Programs and Summer Internships

Tuition waiver (If student is enrolled full-time in the preceding spring)	100 %	One 3 hr course
Trip expenses - determined per program		
Room		
Small and Thomas Apartments (see Housing Contract for dates)		
Two students	\$ 1,515.00	student
Three students	\$ 1,400.00	student
Four students	\$ 1,260.00	student
Summer storage	\$ 200.00	student
Tower Apartments (see housing contract for dates)	\$ 1,110.00	
Summer storage - per student rate (current students only)	\$ 185.00	student

For more information regarding additional fees, please see [General Fees](#).

## 2017 - 2018 Tuition and Fees

### Accelerated College Education Program (ACE)

#### Tuition

Online Standard Option	\$	250.00	course
In-School Option (High school supplies instructor & book)	\$	30.00	semester hour

For more information regarding additional fees, please see [General Fees](#).

# Center for Graduate and Continuing Studies (CGCS)

## 2017-18 Tuition and Fees

### General Education Online Courses

(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.)

Tuition - Online and Classroom Courses	\$	425.00	semester hour
Program Support Fee (online courses)	\$	6.00	course

### Undergraduate Business Programs

Tuition - Online (courses for major, electives and general education)	\$	340.00	semester hour
Program Support Fee (online courses)	\$	6.00	course
Program Re-sequencing Fee (nonrefundable)	\$	100.00	

For more information regarding additional fees, please see [General Fees](#).

# Gleazer School of Education Undergraduate Programs

## 2017-18 Tuition and Fees

### Bachelor of Education Programs

**Independence, Missouri Campus**  
**Lamoni, Iowa Campus**

Tuition	\$	340.00	semester hour
Background Check	\$	30.00	one time
Campus Fee (Independence Campus)	\$	70.00	year
C-BASE Testing Fee	\$	60.00	
Education Technology Fee (nonrefundable)	\$	110.00	year
iPad Initiative Fee (nonrefundable)	\$	700.00	one time
Program Support Fee (online courses)	\$	6.00	course
Student Teaching Fee	\$	165.00	

Additional costs may result if Student Teaching outside a 40 mile radius of either the Lamoni or Independence campus.

(Elementary, Secondary and K-12 education majors, State of Iowa requires PRAXIS Testing. Charges for this are paid directly to the testing service.)

For more information regarding additional fees, please see [General Fees](#).

# School of Nursing Undergraduate Tuition and Fees

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- [Traditional BSN-RN Program - Tuition and Fees](#)
- [Distance Learning BA-HCM Program - Tuition and Fees](#)
- [Distance Learning RN-BSN Program - Tuition and Fees](#)
- [Distance Learning RN-MSN Program - Tuition and Fees](#)

## Traditional BSN-RN Program

### 2017-18 Tuition and Fees

#### Tuition

Full-Time Tuition (semester hours 10-18)	\$	13,750.00	semester
Part-Time Tuition (semester hours less than 10 or over 18)	\$	800.00	semester hour
Late Registration Fee	\$	100.00	
Reactivation Fee	\$	500.00	

#### Junior Year

##### Summer 2017

Tuition - 9 hours at \$800/semester hour	\$	7,200.00	
Campus Fee	\$	70.00	
Clinical Fee (nonrefundable)	\$	800.00	
Materials Fee	\$	10.00	
Testing Fee	\$	200.00	
University Technology Fee (\$8 per credit hour)	\$	72.00	

##### Fall 2017

Full-Time (semester hours 10-18)	\$	13,750.00	
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Activity Fee	\$	95.00
Clinical Fee	\$	155.00
Liability Insurance	\$	70.00
Materials Fee	\$	95.00
Testing Fee	\$	100.00
University Technology Fee	\$	120.00

### Spring 2018

Full-Time (semester hours 10-18)	\$	13,750.00
Activity Fee	\$	95.00
Program Support Fee - NURS4340 Community Health Care	\$	6.00
University Technology Fee	\$	120.00

### Senior Year

#### Summer 2017

Tuition - 9 hours at \$800/semester hour	\$	7,200.00
Activity Fee	\$	95.00
University Technology Fee (\$8 per credit hour)	\$	72.00

#### Fall 2017

Full-Time (semester hours 10-18)	\$	13,750.00
Activity Fee	\$	95.00
Campus Fee	\$	70.00
Clinical Fee	\$	105.00
Liability Insurance	\$	70.00
Materials Fee	\$	95.00
Program Support Fee - NURS3290, NURS4240, NURS4260	\$	6.00 per course
University Technology Fee	\$	120.00

## Tuition Waivers and Discounts

Honors Student Tuition Waiver

100% Waiver  
over 18 hours

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(Waiver of tuition charges for hours over 18 due to Honors Program enrollment with a cap of 21 hours. Hours over 21 will not be waived.)

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For more information regarding additional fees, please see [General Fees](#).

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## Distance Learning BA-HCM Program

### 2017-18 Tuition and Fees

<b>Tuition</b>	\$	395.00	semester hour
<hr/>			
<b>Fees</b>			
Experiential Learning Credit Recording Fee	\$	50.00	semester hour
Late Registration Fee	\$	100.00	occurrence
Program Support Fee (online courses)	\$	6.00	course
Re-Sequencing Fee	\$	100.00	occurrence

For more information regarding additional fees, please see [General Fees](#).

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## Distance Learning RN-BSN Program

### 2017-18 Tuition and Fees

<b>Tuition</b>			
RN-BSN Programs	\$	475.00	semester hour
All Other Programs	\$	510.00	semester hour
<hr/>			
<b>Fees</b>			

Late Registration Fee	\$	100.00	occurrence
Recording Fees (nonrefundable)			
CLEP Exam	\$	20.00	semester hour
Dantes Exam	\$	20.00	semester hour
Excelsior Exam	\$	20.00	semester hour
Program Support Fee (online courses)	\$	6.00	course
Re-Sequencing Fee	\$	100.00	occurrence
Research Fee - Intro to Evidence-Based Nursing	\$	50.00	course

For more information regarding additional fees, please see [General Fees](#).

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## Distance Learning RN-MSN Program

### 2017-18 Tuition and Fees

#### Undergraduate Level Courses

<b>Tuition</b>	\$	510.00	semester hour
<b>Fees</b>			
Late Registration Fee	\$	100.00	occurrence
Recording Fees (nonrefundable)			
CLEP Exam	\$	20.00	semester hour
Dantes Exam	\$	20.00	semester hour
Excelsior Exam	\$	20.00	semester hour
Junior Level Nursing Course (Escrow)	\$	25.00	semester hour
Program Support Fee (online courses)	\$	6.00	course
Re-Sequencing Fee	\$	100.00	occurrence
Research Fee - Intro to Evidence-Based Nursing	\$	50.00	course

## Graduate Level Courses

### Tuition

Family Nurse Practitioner Program and FNP Post-Master's Certificate	\$	775.00	semester hour
Adult Gerontology Acute Care Nurse Practitioner and AGACNP Post-Master's Certificate	\$	775.00	semester hour
Nurse Educator Program and NE Post-Master's Certificate	\$	550.00	semester hour

### Fees

Core Course Fee - Scholarly Project	\$	150.00	course
Focus Session Campus Fee (FNP and NE programs) (nonrefundable)	\$	170.00	
Focus Session Campus Fee (AGACNP program) (nonrefundable)	\$	255.00	
Lab Course Fee - (Breakout labs)			
NURS5192 - Advanced Practice Competencies Lab	\$	250.00	course
NURS5194 - Advanced Practice Procedures in Acute Care	\$	125.00	course
Late Registration Fee	\$	100.00	
Practicum Fees			
Family Nurse Practitioner - Pediatrics / Adults / Family	\$	200.00	semester hour
Nurse Educator	\$	200.00	semester hour
Program Support Fee (online courses)	\$	6.00	course
Re-Sequencing Fee	\$	100.00	occurrence
Research Fee			
Theory in Nursing	\$	115.00	course
AHA and Diagnostic Reasoning	\$	115.00	course
Research Methods and Evidence-Based Practice	\$	115.00	course
Application of Research for Best Practice	\$	115.00	course
Advanced Health Assessment	\$	115.00	course

For more information regarding additional fees, please see [General Fees](#).

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# Seminary

## 2017-18 Tuition and Fees

### Master of Arts in Religion

Tuition	\$ 290.00	semester hour
Continuing Education Unit (CEU) Charge	\$ 240.00	course
Auditing Fee	\$ 435.00	course
Extension Fee for incomplete course (non-refundable)	\$ 100.00	
Non-Degree Seeking Administration Fee (Missouri program students have a three business day right of rescission.)	\$ 30.00	course
Portfolio Fee (Thesis/Project Binding)	\$ 40.00	
Reactivation Fee	\$ 50.00	
Program Support Fee (online courses)	\$ 6.00	course

For more information regarding additional fees, please see [General Fees](#).

# 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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## How do I pay my bill?

*(All payments are due in U.S. funds.)*

### **[Pay Online](#)**

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 Accounts.

## 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 Student Life 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 notification date 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 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. Additionally, some programs may assess an Administrative Withdrawal Fee. 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 20 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 20 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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# 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 and should accompany the completed application for [Admission/Retired Citizen Tuition Waiver Form](#). 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.

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