2016-2017 Catalog

2016-2017 Catalog

- effective Summer 2016
- published June 2016

This University of Northern Iowa catalog is a one-year publication. Catalogs prior to 2016 were two-year publications.

The catalog contains general information regarding fees, related policies and procedures, and curriculum requirements.

New courses and programs take effect in the Summer semester.

Every effort has been made to make this information accurate as of the date of publication; however, all policies, procedures, fees and charges are subject to change at any time by appropriate action of the faculty, the university administration, or the Board of Regents, State of Iowa.

Searching the Catalog

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- Go to *Print Options* link which is located at the top of any catalog page
- Click on the link - it will give you various *Download Options* - choose *Download PDF of the entire Catalog*
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List of Programs by Department

(Undergraduate, Graduate, and Program Certificates)

All undergraduate and graduate programs (degrees/majors/minors/ program certificates) are listed within the specific department offering the program.

Interdisciplinary programs or programs under the supervision of a college (i.e., M.B.A. in the College of Business) or several colleges, several departments, or committee(s) (rather than a specific department) are listed in the "Interdisciplinary" section *after* the Department of History.

Alphabetical listing by departments

Department of Accounting

- **Undergraduate Majors (B.A.)**
  - Accounting

- **Graduate Major (Macc)**
  - Master of Accounting

Applied Human Sciences, School of

- **Undergraduate Majors (B.A.)**
  - Family Services
  - Gerontology (also listed in Interdisciplinary section)
  - Interior Design
  - Textile and Apparel

- **Minors**
  - Family Studies
  - Gerontology (also listed in Interdisciplinary section)
    - Long Term Care
    - Social Sciences
  - Textile and Apparel

- **Graduate Major (M.A.)**
  - Counseling
    - Clinical Mental Health Counseling
    - School Counseling

Department of Art

- **Undergraduate Major (B.F.A.)**
  - Art: Studio B.F.A.

- **Undergraduate Majors (B.A.)**
  - Art-Studio Emphasis
  - Art-Art History Emphasis
  - Art Education-Teaching
  - Graphic Design

- **Minors**
  - Art
  - Art History

- **Graduate Major (M.A.)**
  - Art Education

Department of Biology

- **Undergraduate Major (B.S.)**
  - Biology

- **Undergraduate Majors (B.A.)**
  - Biology
  - Biology: Biomedical Emphasis
  - Biology: Ecology, Evolution and Organismal Biology Emphasis
  - Biology-Teaching
  - Combined B.A./M.S. or B.S./M.S. Program Biology

- **Minors**
  - Biology
  - Biology-Teaching

- **Graduate Major (M.S.)**
  - Biology

- **Graduate Majors (P.S.M.)**
  - Biotechnology
  - Ecosystem Management

Department of Chemistry and Biochemistry

- **Undergraduate Majors (B.S.)**
  - Biochemistry
  - Chemistry

- **Undergraduate Majors (B.A.)**
  - Biochemistry
  - Chemistry
  - Chemistry-Teaching

- **Minors**
  - Chemistry

Department of Communication Sciences and Disorders

- **Undergraduate Major (B.A.)**
  - Communication Disorders

- **Graduate Major (M.A.)**
  - Speech-Language Pathology

Department of Communication Studies

- **Undergraduate Majors (B.A.)**
  - Communication (Liberal Arts)

- Communication-Theatre-Teaching (also listed in Department of Theatre)
- Communication/Electronic Media
- Communication/Public Relations
- Interactive Digital Studies
- Political Communication (also listed in Department of Political Science)

- **Minors**
  - Business Communication (also listed in Department of Marketing)
  - Communication Studies (Liberal Arts)
  - Communication-Theatre-Teaching (also listed in Department of Theatre)
  - Communication/Digital Journalism (Liberal Arts)
  - Communication/Public Relations
  - Interactive Digital Studies

- **Graduate Major (M.A.)**
  - Communication Studies

Department of Computer Science
- **Undergraduate Majors (B.S.)**
  - Computer Science
  - Networking and System Administration

- **Undergraduate Majors (B.A.)**
  - Computer Science

- **Minors**
  - Computer Science

- **Program Certificates**
  - Certificate in Computer Applications
  - Certificate in Computer Science

Department of Curriculum and Instruction
- **Undergraduate Majors (B.A.)**
  - Early Childhood Education-Teaching
  - Elementary Education-Teaching (K-6 General Classroom Teacher)
  - Middle Level Education Dual Major-Teaching

- **Minors**
  - Educational Technology
  - Literacy Education-Teaching

- **Graduate Majors (M.A.)**
  - Instructional Technology
  - School Library Studies

- **Graduate Majors (M.A.E.)**
  - Early Childhood Education
  - Elementary Education
  - Literacy Education

- **Graduate Major (Ed.D.)**

- Doctor of Education: Curriculum and Instruction intensive study area

- **Program Certificate**
  - Education of the Gifted
  - Instructional Technology Facilitator
  - Advanced Studies Certificate: Literacy Coach
  - Advanced Studies Certificate: Reading Recovery Teacher Leader

Department of Earth and Environmental Sciences
- **Undergraduate Majors (B.A.)**
  - Earth Science
  - Earth Science-Teaching
  - Environmental Science

- **Minors**
  - Air Quality
  - Astronomy
  - Earth Science
  - Earth Science-Teaching
  - Environmental Earth Science
  - Geology

Department of Economics
- **Undergraduate Major (B.A.)**
  - Economics

- **Minor**
  - Economics-Liberal Arts

Department of Educational Leadership and Postsecondary Education
- **Graduate Majors (M.A.)**
  - Postsecondary Education: Student Affairs
  - Teacher Leadership for International Educators

- **Graduate Major (M.A.E.)**
  - Principalship

- **Graduate Major (Ed.D.)**
  - Doctor of Education: Educational Leadership intensive study area

- **Program Certificates**
  - Advanced Studies Certificate in Educational Leadership
  - Emphasis: Principalship
  - Emphasis: Superintendency Preparation

Department of Educational Psychology and Foundations
- **Minor**
  - Educational Studies

- **Graduate Majors (M.A.E.)**

- Educational Psychology: Context and Techniques of Assessment

- Educational Psychology: Professional Development for Teachers

- **Graduate Major (Ed.S.)**
  - Specialist in Education: School Psychology

Department of Finance

- **Undergraduate Majors (B.A.)**
  - Finance
  - Real Estate

- **Minors**
  - Finance (for Business and Non-Business Majors)
  - Real Estate-Business
  - Real Estate

- **Program Certificate**
  - Financial Analysis
  - Financial and Real Estate Sales for Business Majors (also listed in Department of Marketing)

Department of Geography

- **Undergraduate Major (B.S.)**
  - Geographic Information Science

- **Undergraduate Major (B.A.)**
  - Geography

- **Minor**
  - Geography-Liberal Arts

- **Graduate Major (M.A.)**
  - Geography

- **Program Certificate**
  - Crime Mapping and Analysis (also listed in Department of Sociology, Anthropology, and Criminology)
  - Geographic Information Systems (GIS) and Cartography

Department of History

- **Undergraduate Majors (B.A.)**
  - History-Liberal Arts
  - History-Teaching

- **Minor**
  - History
  - Public History

- **Graduate Major (M.A.)**
  - History

- **Program Certificate**
  - Public History

Interdisciplinary Programs (under the supervision and jurisdiction of a college or several colleges, several departments, or committee)

- **Undergraduate Majors (B.A.)/Minors**
  - General Studies Major
  - Gerontology Major (also listed in School of Applied Human Sciences)
  - Global Studies Major
  - Humanities Major
  - Individual Studies Major
  - Interactive Digital Studies Major (requirements listed in Department of Communication Studies)
  - Interactive Digital Studies Minor (requirements listed in Department of Communication Studies)
  - Liberal Studies, Bachelor of
  - International Business Minor
  - International Business Minor (Non-Business Majors)
  - Russian and East European Studies Minor
  - Studies in Sexuality, Women and Gender Minor

- **Undergraduate Majors (B.A.S.)**
  - Tactical Emergency Services with Vulnerable Populations (also listed in Department of Sociology, Anthropology, and Criminology)

- **Graduate Majors (M.A.)**
  - Philanthropy and Nonprofit Development
  - Women's and Gender Studies

- **Graduate Major (M.B.A.)**
  - Master of Business Administration

- **Program Certificates**
  - International Business, Culture, and Language (also listed in Department of Languages and Literatures)
  - Leadership Foundations
  - Conflict Resolution
  - Graduate Certificate in Women's and Gender Studies
  - Sustainability

Iowa Lakeside Lab

Regents Alternative Pathway to Iowa Licensure (RAPIL) - Answering the Call to Teach

School of Kinesiology, Allied Health and Human Services

- *Division of Athletic Training*
  - **Undergraduate Major (B.A.)**
    - Athletic Training

  - **Graduate Major (M.ATR.)**
    - Masters of Athletic Training

  - **Graduate Major (M.S.)**

- Athletic Training

- *Division of Health Promotion and Education*
  - **Undergraduate Major (B.A.)**
    - Health Promotion

  - **Minors**
    - Health Education-Teaching

    - Health Promotion

  - **Graduate Major (M.A.)**
    - Health Education

  - **Program Certificates**
    - Environmental Health

    - Global Health and Health Disparities

- *Division of Physical Education*
  - **Undergraduate Majors (B.A.)**
    - Movement and Exercise Science

    - Physical Education-Teaching

  - **Minors**
    - Coaching

  - **Graduate Major (M.A.)**
    - Physical Education

- *Division of Leisure, Youth and Human Services*
  - **Undergraduate Major (B.A.)**
    - Leisure, Youth and Human Services

  - **Minor**
    - Leisure, Youth and Human Services

  - **Graduate Major (M.A.)**
    - Leisure, Youth and Human Services

  - **Program Certificates**
    - Aquatics Specialization

    - Nonprofit Management

    - Outdoor Recreation

    - School-Age Care Leadership

    - Tourism

- **College of Education**
  - **Graduate Major (Ed.D.)**
    - Doctor of Education: Allied Health, Recreation and Community Services intensive study area

Department of Languages and Literatures

- **Undergraduate Majors (B.A.)**
  - English

  - English-Teaching

  - Spanish

  - Spanish-Teaching

  - Teaching English to Speakers of Other Languages (TESOL)

- Teaching English to Speakers of Other Languages (TESOL)-Teaching

  - TESOL/Modern Language-Teaching

- **Minors**
  - English

  - English-Teaching

  - Interdisciplinary Language Studies: French

  - Spanish

  - Spanish-Teaching

  - Spanish/English Translation

  - Teaching English to Speakers of Other Languages (TESOL)

  - Teaching English to Speakers of Other Languages (TESOL)-Teaching

  - Writing

- **Graduate Majors (M.A.)**
  - English

  - Spanish

  - Teaching English in Secondary Schools

  - Teaching English to Speakers of Other Languages (TESOL)

  - TESOL/Modern Language

- **Program Certificates**
  - French Language Studies

  - German Language Studies

  - Hispanic Cultures

  - International Business, Culture, and Language (also listed in Interdisciplinary section)

  - International Commerce

  - Post-Colonial and Multicultural Literary Studies

  - Spanish Language Studies

  - Spanish for Special Purposes

  - Teaching English to Speakers of Other Languages

  - Translation: Spanish

Department of Management

- **Undergraduate Majors (B.A.)**
  - Management

  - Management Information Systems

  - Supply Chain Management

  - Business Teaching

- **Minors**
  - General Business Concepts

  - Organizational Leadership

Department of Marketing

- **Undergraduate Majors (B.A.)**
  - Marketing

- **Minors**

- Business Communication (also listed in Department of Communication Studies)
- Marketing (Non-Business Majors)

- **Program Certificates**
  - Entrepreneurship
  - Financial and Real Estate Sales for Business Majors (also listed in Department of Finance)

Department of Mathematics

- **Undergraduate Majors (B.A.)**
  - Mathematics
  - Mathematics-Statistics/Actuarial Science
  - Mathematics-Teaching

- **Minors**
  - Mathematics
  - Mathematics-Teaching
  - Mathematics (K-8)-Teaching (also listed in Department of Curriculum and Instruction)
  - Statistics and Actuarial Science

- **Graduate Majors (M.A.)**
  - Mathematics
    - Mathematics
    - Secondary Teaching
    - Community College Teaching
  - Mathematics for the Middle Grades (4-8)

- **Graduate Majors (P.S.M.)**
  - Industrial Mathematics

- **Program Certificate**
  - Statistical Computing

Department of Military Science

- **Minor**
  - Military Science Minor

Music, School of

- **Undergraduate Major (B.A.)**
  - Music

- **Minors**
  - Jazz Studies
  - Music

- **Undergraduate Majors (B.M.)**
  - Composition-Theory
  - Music Education
  - Performance

- **Graduate Major (M.A.)**
  - Music

- **Graduate Majors (M.M.)**
  - Composition

- Conducting
- Jazz Pedagogy
- Music Education
- Music History
- Performance
- Piano Performance and Pedagogy

- **Program Certificates**
  - Artist Diploma I
  - Artist Diploma II

Department of Philosophy and World Religions

- **Undergraduate Majors (B.A.)**
  - Philosophy
  - Study of Religion

- **Minors**
  - Ethics
  - Philosophy
  - Religion

Department of Physics

- **Undergraduate Majors (B.S.)**
  - Physics

- **Undergraduate Majors (B.A.)**
  - Physics-Teaching

- **Minors**
  - Nanoscience and Nanotechnology
  - Physics

- **Program Certificate**
  - Physics Teaching

Department of Political Science

- **Undergraduate Majors (B.A.)**
  - Political Communication (also listed in Department of Communication Studies)
  - Political Science-Liberal Arts
  - Public Administration

- **Graduate Majors (M.P.P.)**
  - Master of Public Policy

- **Minors**
  - International Affairs-Liberal Arts
  - Political Science-Liberal Arts
  - Politics and Law

- **Program Certificates**
  - International Peace and Security
  - Public Administration
  - State and Local Government

Department of Psychology
- **Undergraduate Major (B.A.)**
  - Psychology

- **Minor**
  - Psychology

- **Graduate Major (M.A.)**
  - Psychology

- **Program Certificate**
  - Industrial and Organizational Psychology

Science Education
- **Undergraduate Majors (B.A.)**
  - All Science Teaching
  - Middle/Junior High School Science Teaching

- **Minor**
  - Basic Science (K-8)-Teaching (also listed in Department of Curriculum and Instruction)

- **Graduate Major (M.A.)**
  - Science Education

Social Science
- **Undergraduate Majors (B.A.)**
  - Social Science-Teaching-Plan A - Specialist
  - Social Science-Teaching-Plan B - All Social Science

- **Graduate Major (M.A.)**
  - Social Science

Department of Social Work
- **Undergraduate Major (B.A.)**
  - Social Work

- **Minor**
  - Social Welfare

- **Graduate Major (M.S.W.)**
  - Social Work

- **Program Certificates**
  - Child Welfare
  - Conflict Resolution
  - Social Work
  - Substance Abuse Counseling Certificate

Department of Sociology, Anthropology, and Criminology
- **Undergraduate Majors (B.A.)**
  - Anthropology
  - Criminology
  - Sociology

- **Undergraduate Majors (B.A.S.)**
  - Criminal Justice
  - Tactical Emergency Services with Vulnerable Populations (also listed in Interdisciplinary section)

- **Minors**
  - Anthropology
  - Criminology
  - Sociology

- **Program Certificates**
  - Crime Mapping and Analysis (also listed in Department of Geography)
  - Sociology of Inequality
  - Sociology of Family and Life Course
  - Sociology of Gender and Culture
  - Sociology of Race/Ethnicity and Immigration

Department of Special Education
- **Minors**
  - Early Childhood Special Education-Teaching
  - Special Education-Teaching
  - Instructional Strategist
  - Instructional Strategist I: Mild/Moderate K-8 Emphasis (also listed in Department of Curriculum and Instruction)
  - Instructional Strategist I: Mild/Moderate 5-12 Emphasis
  - Instructional Strategist II: Mental Disabilities K-12 Emphasis
  - Teacher of Students With Visual Impairments (TVIS)

- **Graduate Majors (M.A.E.)**
  - Special Education

- **Program Certificate**
  - Inclusive Education

Department of Teaching

The Department of Teaching is responsible for the administration of multi-faceted programs.

Department of Technology
- **Undergraduate Majors (B.S.)**
  - Construction Management
  - Electrical Engineering Technology (EET)
  - Manufacturing Technology
  - Technology and Engineering Education-Teaching

- **Undergraduate Majors (B.A.)**
  - Graphic Technologies
  - Technology Management
  - Combined B.A./M.S. or B.S./M.S.-Technology

- **Minors**
  - Electrical and Electronics Technology (EET)
  - Graphic Technologies
  - Manufacturing Technology Design
  - Technology Education - Teaching

- Technology Management

- **Graduate Major (M.S.)**
  - Technology

- **Graduate Major (D.I.T.)**
  - Doctor of Industrial Technology

- **Program Certificates**
  - Advanced Technology

  - Technology Management

Department of Theatre

- **Undergraduate Majors (B.A.)**
  - Communication-Theatre-Teaching (also listed in Department of Communication Studies)

  - Theatre

- **Minors**
  - Communication-Theatre-Teaching (also listed in Department of Communication Studies)

  - Theatre

Department of Accounting

(College of Business Administration)

www.cba.uni.edu/accounting

The Department of Accounting offers the following undergraduate and graduate programs. Specific requirements for these programs are listed within this Department of Accounting section in the following order:

Undergraduate Major (B.A.)

- Accounting

Graduate Major (MAcc)

- Master of Accounting

Undergraduate note: Students majoring in Accounting must satisfy the College of Business Administration (CBA) admission requirements before they can officially declare their major. A copy of the Admission, Retention, and Graduation Policy may be obtained from UNI*Business* Advising in the College of Business Administration or at http://business.uni.edu/web/pages/currentstudents/advisingcenter-collegepolicies.cfm. Prior to completion of the admission requirements, students may sign an intent to major in Accounting and be classified as a prospective (pre)major. Pre-Accounting majors may enroll in lower division (below 100/3000-level) business courses only. Enrollment in upper division (100/3000/4000-level) business courses and MKTG 2110 (130:101)requires satisfactory completion of the CBA admission requirements and any course prerequisites.

Accounting majors *may* declare a double major, and/or major and minor within the College of Business Administration subject to regulations imposed by those CBA departments affected. Accounting majors minoring within the CBA must select minors designated for business majors.

To graduate with a major in Accounting from the College of Business Administration, a student must earn at least 50% of the business credit hours required for the major at UNI. In addition, a minimum of nine graded hours must be earned in 100/3000/4000-level UNI Accounting courses. Students must take at least 50% of the course work required for the degree outside the College of Business Administration.
Up to nine hours of economics (excluding 920:020) and six hours of statistics may be counted as outside the College of Business Administration. A student must earn a 2.20 cumulative grade point average at UNI and earn an overall 2.20 grade point average in 120:xxx/ACCT xxxx, 130:xxx/MKTG xxxx, 150:xxx/MGMT xxxx, 160:xxx/FIN xxxx, and 920:xxx/ECON xxxx courses taken at UNI, and earn a grade of C- or better in the following courses:

ACCT 3120 (120:129)	Intermediate Accounting I	3
ACCT 3122 (120:130)	Intermediate Accounting II	3
ACCT 3130 (120:131)	Cost Accounting	3
ACCT 3140 (120:136)	Accounting Information Systems	3
ACCT 4150 (120:132)	Income Tax	3
ACCT 4160 (120:134)	Auditing	3

Students given permission to graduate out-of-residence must earn a 2.20 or better in all courses approved and accepted for out-of-residence credit.

Students who want to write the Uniform CPA Examination in Iowa should secure current requirements from the Iowa Accountancy Examining Board in order to plan their program of study so that all requirements are met. Students who want to write the Uniform CPA Examination in other states should secure the same information from the applicable state board of accountancy.

Students may repeat Accounting courses with the exception that subsequent to successfully completing a 100/3000/4000-level Accounting course, they may not repeat Principles of Financial Accounting (ACCT 2120 (120:030)) or Principles of Managerial Accounting (ACCT 2130 (120:031)).

The Accounting Department may impose additional admission requirements for students wishing to declare a minor or a second CBA major. Eligibility to declare a minor or a second CBA major is based on competitive GPA and space availability. Students may obtain a copy of these requirements from UNI*Business* Advising (CBB 5) in the College of Business Administration.

Bachelor of Arts Degree Programs
Accounting Major

The Accounting major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Business Core

Business Administration, Interdepartmental:		
BUSINESS 1000 (100:010)	Introductory Seminar for Business Professionals	0
BUSINESS 2000 (100:020)	Business Professionals in Training	0
Accounting:		

List of Programs by Department

ACCT 2120 (120:030)	Principles of Financial Accounting	3
ACCT 2130 (120:031)	Principles of Managerial Accounting	3
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing	3
Management:		
MGMT 2080 (150:080)	Introduction to Information Systems	3
MGMT 3100 (150:100)	Legal and Social Environment of Business	3
MGMT 3153 (150:153)	Organizational Management	3
MGMT 3154 (150:154)	Operations Management	3
MGMT 4175 (150:175)	Business Policy and Strategy	3
Finance:		
FIN 3130/5130 (160:151g)	Corporation Finance	3
Economics:		
ECON 1011 (920:070)	Business Statistics *	3
ECON 1021 (920:020)	Introduction to Decision Techniques *	3
ECON 1041 (920:053)	Principles of Macroeconomics	3
ECON 1051 (920:054)	Principles of Microeconomics	3
Required		
Accounting:		
ACCT 3120 (120:129)	Intermediate Accounting I	3
ACCT 3122 (120:130)	Intermediate Accounting II	3
ACCT 3130 (120:131)	Cost Accounting	3
ACCT 3140 (120:136)	Accounting Information Systems	3
ACCT 4150 (120:132)	Income Tax	3
ACCT 4160 (120:134)	Auditing	3
Total Hours		57

* In addition to the required 57 hours, ECON 1021 (920:020) and ECON 1011 (920:070) have as a prerequisite STAT 1772 (800:072) or equivalent. STAT 1772 (800:072) will satisfy Category 1C of the Liberal Arts Core.

While Accounting majors are not required to take accounting electives, the following electives are offered:

ACCT 4025/5025 (120:135g)	Advanced Accounting	3
ACCT 4052 (120:142)	Advanced Income Tax	3
ACCT 4065/5065 (120:145g)	Principles of Fraud Examination	3
ACCT 4070/5070 (120:139g)	Government and Not-for-Profit Accounting	3

Depending on individual career goals and professional certification requirements, certain electives may be highly recommended in addition to the required courses. Students who wish to be a candidate for the Uniform Certified Public Accountant Examination should follow the requirements of the Iowa Board of Accountancy.

Master of Accounting Degree Program

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Accounting for any other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission.*

The Master of Accounting degree is offered both as a traditional graduate program and as an integrated program for current UNI undergraduate students. The procedures for applying to the program differ depending on whether the applicant is applying to the integrated program or the traditional program; therefore the requirements for admission are set out separately below.

Admission requirements for individuals not currently UNI undergraduate students: Individuals desiring entry into this degree program must have: a minimum Graduate Management Admission Test (GMAT) score of 500, a verbal GMAT score in the 40th percentile or higher, a cumulative grade point average (GPA) of B- or better on all upper division (junior/senior) accounting courses, and either completion of an undergraduate degree in accounting or satisfactory completion of Intermediate Accounting I ACCT 3120 (120:129), Intermediate Accounting II ACCT 3122 (120:130), Cost Accounting ACCT 3130 (120:131), Income Tax ACCT 4150 (120:132), Auditing ACCT 4160 (120:134), and Accounting Information Systems ACCT 3140 (120:136). In addition, a minimum admission score of 1150 (computed by multiplying the undergraduate GPA by 200 and adding the GMAT score) is required. At the discretion of the Accounting Department, students may be admitted on a probationary basis if their GMAT score and/or their average grades on upper division accounting courses fall below 500 and/or B-, respectively.

International students and/or individuals without English as a first language are required to demonstrate English language proficiency. Applicants must earn a minimum score of 100 on the TOEFL iBT to be admitted. If the TOEFL iBT is not offered in the applicant's country, then the applicant must take the TOEFL and Test of Spoken English (TSE). Minimum scores on these tests for admission are 600 (or 250 on the computerized version) on the TOEFL and 50 on the TSE. The University of Northern Iowa also accepts the IELTS. If a student takes the IELTS, a minimum score of 7 is required, with no sub-score less than 6.

Admission requirements for current UNI undergraduate students applying to the integrated program: Current UNI undergraduate students desiring entry into this degree program must have: a minimum Graduate Management Admission Test (GMAT) score of 500, a verbal GMAT score in the 40th percentile or higher, a cumulative grade point average (GPA) of B- or better on all upper division (junior/senior) accounting courses, and satisfactory completion of Intermediate Accounting I ACCT 3120 (120:129) and Intermediate Accounting II ACCT 3122 (120:130). In addition, a minimum admission score of 1150 (computed by multiplying the undergraduate GPA by 200 and adding the GMAT score) is required. At the discretion of the Accounting Department, students may be admitted on a probationary basis if their GMAT score and/or their

average grades on upper division accounting courses fall below 500 and/or B-, respectively.

UNI undergraduate accounting students interested in the MAcc Integrated Program may apply for admission to the program during the semester they are completing Intermediate Accounting II ACCT 3122 (120:130). An Application for Admission to Graduate Study must be completed and the student's interest in the MAcc Integrated Program must be indicated on the application itself. The GMAT will be waived for UNI undergraduate students applying to the integrated program if they have a GPA of 3.00 or higher after 75 UNI credits and at the end of the semester in which Intermediate II is taken. If accepted into the MAcc Integrated Program, the student will receive both the B.A. and MAcc degrees upon completion of the respective programs of study.

Once admitted into the integrated program, UNI undergraduate accounting students (who are classified as seniors) may register for a maximum of 12 hours of graduate credit as a senior, with the approval of the student's advisor, the instructor of the course(s), and the head(s) of the department(s) offering the course(s). Graduate credit completed as a senior will not be counted toward the undergraduate degree. See policies and procedures for Graduate Credit for Undergraduate Students for information on the tuition charged for graduate credit and financial aid eligibility. Integrated MAcc students will be classified as graduate students for tuition and federal financial aid purposes at the beginning of their fifth year or upon awarding of the bachelor's degree, whichever is earlier. Students must be classified as graduate students for tuition purposes for at least two full semesters (not including summers).

The MAcc is a full-time program. Accordingly, students are expected to carry a credit load sufficient to qualify as a full-time student for each semester during the program (excluding summers).

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

The Master of Accounting program (MAcc) is offered on the **non-thesis** option. A minimum of 30 semester hours is required for the degree, of which a **minimum of 15 hours must be at the 200/6000-level**. In addition, all transfer credit must be at the graduate level (i.e., equivalent to UNI's 200/6000-level courses).

Required

Accounting:		
ACCT 6120 (120:229)	Financial Accounting Theory and Analysis	3
ACCT 6170 (120:201)	Business Law for the Professional Accountant	3
ACCT 6175 (120:214)	Applied Professional Research	3
Information technology component:		
ACCT 6140 (120:236)	Advanced Accounting Systems	3
or MGMT 6249 (150:249)	Management Information Systems Concepts	

Electives		18
Accounting:		
ACCT 4025/5025 (120:135g)	Advanced Accounting	

ACCT 4065/5065 (120:145g)	Principles of Fraud Examination	
ACCT 4070/5070 (120:139g)	Government and Not-for-Profit Accounting	
ACCT 6052 (120:242)	Advanced Tax Topics	
ACCT 6090 (120:269)	Graduate Internship in Accounting	
ACCT 6092 (120:280)	Topics in Accounting: Fraud Examination	
ACCT 6285 (120:285)	Individual Readings	
ACCT 6289 (120:289)	Seminar in Contemporary Issues in Accounting	
ACCT 6299 (120:299)	Research	
Ethics:		
MGMT 3974/5974 (150:174g)	Business, Ethics, and Society	
International Business:		
ECON 3245/5245 (920:136g)	International Economics	
ECON 3261/5261 (920:175g)	International Financial Economics	
FIN 3032/5032 (160:158g)	International Financial Management	
MKTG 3176/5176 (130:177g)	Global Marketing	
Other electives:		
ECON 3221/5221 (920:117g)	Public Finance	
ECON 3229/5229 (920:125g)	Cost-Benefit Analysis	
ECON 3253/5253 (920:148g)	Urban and Regional Economics	
FIN 3160/5160 (160:152g)	Principles of Investments	
MGMT 3905/5905 (150:105g)	Employment and Labor Law	
MGMT 3965/5965 (150:165g)	Organizational Behavior	
MGMT 3984/5984	Dynamics of Negotiations	
MKTG 3113/5113 (130:106g)	Consumer Behavior	
HIST 6020 (960:225)	History and U.S. Public Policy	
POL AMER 4153/5153 (942:153g)	Public Organizations	
POL AMER 4173 (942:173g)	The Public Policy Process	
Any other graduate level course approved by the MAcc program director.		

Total Hours	30

Students will be required to satisfy an Experiential Component with a pre-approved experience. Ways in which this component might be satisfied include enrollment and satisfactory completion of ACCT 3055 (120:144) or ACCT 3090 (120:169) or ACCT 3179 (120:179) or ACCT 6090 (120:269) . Non-academic credit work experience may also satisfy this requirement. Students will be required

to prepare a written report summarizing their experience. Supervising faculty will determine whether the experience goals have been satisfied.

School of Applied Human Sciences

(College of Social and Behavioral Sciences)

www.uni.edu/sahs

The School of Applied Human Sciences offers the following undergraduate programs. Specific requirements for these programs are listed within this School of Applied Human Sciences section in the following order:

Undergraduate Majors (B.A.)

- Family Services
- Gerontology (also listed under Interdisciplinary section)
  - Long Term Care
  - Social Sciences
- Interior Design
- Textile and Apparel

Minors

- Family Studies
- Gerontology (also listed under Interdisciplinary section)
- Textile and Apparel

Graduate Major (M.A.)

- Counseling
  - Clinical Mental Health Counseling
  - School Counseling

Bachelor of Arts Degree Programs
Family Services Major

The Family Services major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required

Family Studies:		
FAM SERV 1010 (31F:010)	Human Identity and Relationships	3
FAM SERV 1020 (31F:020)	Family Relationships	3
FAM SERV 1030 (31F:030)	Research Methods in Family Science	3
OR 3 hours social science research methods such as:		
PSYCH 3002 (400:101)	Research Methods	
SW 3185 (450:185)	Social Work Research	
COMM COR 2020 (48C:080)	Communication Research Methods	
COMM 4021/5021 (48C:180g)	Quantitative Research Methods	
or SOC 2010 (980:108)	Research Methods	
FAM SERV 1055 (31F:055)	Human Growth and Development [*]	3
or another developmental course such as PSYCH 2202 (400:120)		
FAM SERV 1057 (31F:057)	Human Relationships and Sexuality	3
FAM SERV 2060 (31F:060)	Strategies and Issues in Family Services	3
FAM SERV 4178 (31F:178)	Family Life Education	3
Choose course(s) from each of the following groups:		
Group 1: Families in Context		
Select one of the following:		3
Family Studies:		
FAM SERV 2077 (31F:077)	Management of Family Resources	
FAM SERV 3162/5162 (31F:162g)	Issues in Family Policy	
FAM SERV 3175/5175	Family Financial Counseling and Literacy	
FAM SERV 3176/5176 (31F:177g)	The American Consumer	
American Politics:		
POL AMER 4142/5142 (942:142g)	Problems in Juvenile and Family Law	
Group 2: Relationship Dynamics		6
Select two of the following:		
Family Studies:		
FAM SERV 2054 (31F:054)	Interpersonal Relationship Dynamics	
FAM SERV 2111	Families and End of Life Issues	
or GERO 2111	Families and End of Life Issues	
FAM SERV 3145/5145 (31F:145g)	Violence in Intimate Relationships	
FAM SERV 3150/5150 (31F:150g)	Families and Aging	
FAM SERV 4153/5153 (31F:153g)	Family Relationships in Crisis	
Group 3: Professional Applications		6
Select two of the following:		
Family Studies:		
FAM SERV 3155/5155 (31F:155g)	Parenting	
FAM SERV 3160/5160 (31F:160g)	Family Assessment and Intervention	
FAM SERV 3161/5161	Families, Alzheimer's and Related Dementias	
or GERO 3161/5161	Families, Alzheimer's and Related Dementias	
FAM SERV 4157/5157 (31F:157g)	Human Sexuality Education	

FAM SERV 4190 (31F:190)	Professional Practice in Family Services [**]	
Group 4: Diversity		3
Select one of the following:		
Psychology:		
PSYCH 2201 (400:060)	Psychology of Gender	
PSYCH 3204/5204 (400:173g)	Psychology of Aging	
PSYCH 4608/5608 (400:167g)	Gender in Cross-Cultural Perspective	
Health Promotion and Education:		
HPE 4247/5247 (410:147g)	Minority Health	
FAM SERV 1140	Culture and Marriage	
SPED 3150 (220:150)	Meeting the Needs of Diverse Learners in Classrooms	
Social Work:		
SW 2045 (450:045)	American Racial and Ethnic Minorities	
SW 4163 (450:163g)	Diversity and Difference	
Sociology:		
SOC 3037/5037 (980:045g)	Race, Ethnicity and Social Justice	
SOC 3411/5411 (980:167g)	Gender in Cross-Cultural Perspective	
Senior Experience (choose Option A or B)		9
Option A:		
FAM SERV 4195 (31F:195)	Internship in Family Services [**]	
Option B:		
9 additional hours from Groups 1, 2, and/or 3.		
Total Hours		48

*   These courses have additional prerequisites as follows: FAM SERV 1055 (31F:055) has a prerequisite of PSYCH 1001 (400:001) or consent of instructor. PSYCH 2202 (400:120) has a prerequisite of PSYCH 1001 (400:001).

**   FAM SERV 4195 (31F:195) has prerequisite of FAM SERV 4190 (31F:190).

A minimum of 2.40 cumulative grade point average (GPA) and School of Applied Human Sciences (SAHS) approval is required for declaration of this major. Students must maintain at least a cumulative 2.40 GPA and have SAHS approval in order to register for FAM SERV 4190 (31F:190) Professional Practice in Family Services , FAM SERV 4195 (31F:195) Internship in Family Services, and to graduate. Students must achieve a minimum of C (2.00 grade point) in all courses required for the major, including all prerequisites.

Gerontology Major

The Gerontology major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours. Liberal Arts Core courses included in major program requirements are distinguished by *italics*.

It is suggested students take *PSYCH 1001 (400:001)* , *SW 1041 (450:041)* , and *SOC 1000 (980:001)* as their Social Sciences area Liberal Arts Core, as these are prerequisites for several of the required courses in this major.

This interdisciplinary program is offered jointly by the College of Social and Behavioral Sciences, the College of Business, the College of Education, and the College of Humanities, Arts and Sciences. It is administered through the School of Applied Human Sciences and under the supervision of the Gerontology Advisory Committee.

Social Sciences Track

Required		
Gerontology core		9
School of Applied Human Sciences		
FAM SERV 3150/5150 (31F:150g)	Families and Aging	
Psychology: [*]		
PSYCH 3204/5204 (400:173g)	Psychology of Aging	
Sociology: [*]		
SOC 3035/5035 (980:125g)	Social Gerontology	
Research Methods		3-4
Choose one of the following research methods courses:		
School of Applied Human Sciences:		
FAM SERV 1030 (31F:030)	Research Methods in Family Science	
Leisure, Youth and Human Services:		
LYHS 4070/5070 (430:169g)	Research and Evaluation in Leisure, Youth and Human Services	
Psychology:		
PSYCH 3002 (400:101)	Research Methods	
Sociology:		
SOC 2010 (980:108)	Research Methods	
Families and Aging:		3
Choose one of the following Families and Aging courses:		
School of Applied Human Sciences:		
FAM SERV 2077 (31F:077)	Management of Family Resources	
FAM SERV 4153/5153 (31F:153g)	Family Relationships in Crisis	
FAM SERV 3162/5162 (31F:162g)	Issues in Family Policy	
GERO 3161/5161	Families, Alzheimer's and Related Dementias	
or FAM SERV 3161/5161	Families, Alzheimer's and Related Dementias	
Development courses:		3
Choose one of the following Development courses:		
School of Applied Human Sciences:		
FAM SERV 1055 (31F:055)	Human Growth and Development	

Psychology:

PSYCH 2202 (400:120)	Developmental Psychology	

Ethics courses:		3
Choose one of the following Ethics courses:		
GERO 2111	Families and End of Life Issues	
or FAM SERV 2111	Families and End of Life Issues	
World Religions/Philosophy:		
RELS/PHIL 3510/ CAP 3173 (CAP:173)	Bio-Medical Ethics	
PHIL 2500	Ethics	
RELS/PHIL 3110/ CAP 3194 (CAP:194)	Perspectives on Death and Dying	
Communication Studies		
COMM 4236 (48C:128)	Ethics in Communication	

Gerontology elective courses:		9
Choose three of the following Gerontology courses:		
Social Work:		
SW 4173/5173 (450:173g)	Social Services for Older Adults	
Anthropology:		
ANTH 3102/5102 (990:168g)	Culture, Disease, and Healing	
ANTH 3202/5202 (990:152g)	Human Biological Variation	
World Religions/Philosophy:		
RELS/PHIL 3110/ CAP 3194 (CAP:194)	Perspectives on Death and Dying	
Health Promotion and Education:		
HPE 4353/5353 (410:153g)	Public Health Theory	
Communication Sciences and Disorders:		
CSD 1000 (51C:006)	Understanding Communication Disorders	
School of Applied Human Sciences:		
INTDSGN 3129 (31I:129)	Interior Design Standards	
Communication Studies:		
COMM 4116/5116 (48C:138g)	Health Communication	
Gerontology:		
GERO 3161/5161	Families, Alzheimer's and Related Dementias	
or FAM SERV 3161/5161	Families, Alzheimer's and Related Dementias	

Internship		4
Senior Seminar, Gerontology:		
GERO 4193 (31G:193)	Internship Seminar (1 hr.)	
GERO 4195 (31G:195)	Internship in Gerontology (Social Sciences track section - 3 hrs.)	

Total Hours		34-35

* Courses may be used to meet requirements in either Gerontology Core or Curriculum Cluster, but not both.

** Due to prerequisites, the total number of credit hours required to complete this major may be 40-41.

Long Term Care Track

Required

Business courses		12
Select at least one of the following from business group 1:		
Accounting:		
ACCT 2120 (120:030)	Principles of Financial Accounting	
ACCT 2130 (120:031)	Principles of Managerial Accounting	
Select at least one of the following from business group 2		
Management:		
MGMT 3100 (150:100)	Legal and Social Environment of Business	
MGMT 3101 (150:101)	Business Law	
MGMT 3905/5905 (150:105g)	Employment and Labor Law	
MGMT 3153 (150:153)	Organizational Management	
MGMT 3966/5966 (150:166g)	Staffing and Employee Development	

Gerontology core		9
Select three of the following from Gerontology core		
School of Applied Human Sciences:		
FAM SERV 3150/5150 (31F:150g)	Families and Aging	
GERO 3161/5161	Families, Alzheimer's and Related Dementias	
or FAM SERV 3161/5161	Families, Alzheimer's and Related Dementias	
Psychology:		
PSYCH 3204/5204 (400:173g)	Psychology of Aging	
Sociology:		
SOC 3035/5035 (980:125g)	Social Gerontology	

Required Health Care Administration		5
School of Applied Human Sciences:		
GERO 4170/5170 (31G:170g)	Long Term Care Administration	
Health Promotion and Education:		
HPE 2160 (410:060)	Medical Terminology	

Health Care Administration electives (minimum 7 hours):		7
GERO 2111	Families and End of Life Issues	
or FAM SERV 2111	Families and End of Life Issues	
Social Work:		
SW 4173/5173 (450:173g)	Social Services for Older Adults	

Health Promotion and Education:		
HPE 1101 (410:005)	Introduction to Community Health	
HPE 4164 (410:164g)	Health Care and the Consumer	
HPE 4353/5353 (410:153g)	Public Health Theory	
Communication Studies:		
COMM 4116/5116 (48C:138g)	Health Communication	
Internship ^^		10-12

Students complete the seminar and internship:

Senior Seminar School of Applied Human Sciences:		
GERO 4193 (31G:193)	Internship Seminar	
Internship School of Applied Human Sciences:		
GERO 4195 (31G:195)	Internship in Gerontology (Long Term Care track section)	

Total hours 43-45		

^^   Students choosing to take the State of Iowa licensing exam may need to complete up to 10 credit hours of internship, for a total of 43 hours for the Long Term Care track.

Note: NHA Iowa requirements - 12 hours health care administration, 6 hours gerontology, 10 hours business plus internship.

Interior Design Major

The Interior Design major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Admission to the University of Northern Iowa with an intended Interior Design major does not guarantee placement in the major due to the limited number of spaces available in the studio facilities.

Students majoring in Interior Design must satisfy the admission requirements including GPA, portfolio review/interview and the completion of specified courses before they can officially declare the major. A copy of the Admission Policy may be obtained from the School of Applied Human Sciences in Latham Hall. Prior to completion of the admission requirements, students may sign an intent to major in Interior Design and be classified as a (pre)major.

Required

School of Applied Human Sciences:		
INTDSGN 1001 (31I:065)	Introduction to Interior Design	2
INTDSGN 1061 (31I:061)	Design Foundations	3
INTDSGN 1063 (31I:063)	Drafting for Interiors	3
INTDSGN 1065	Design Visualization and Communication	2
INTDSGN 1067 (31I:067)	History of Interiors I	2
INTDSGN 2063 (31I:064)	Computer Applications for Interior Design I	3
INTDSGN 2065	Space Planning and the Human Experience	2

INTDSGN 2067 (31I:068)	History of Interiors II	2
INTDSGN 2069	Materials and Resources for Interior Design	2
INTDSGN 3063	Computer Applications for Interior Design II	3
INTDSGN 3069	Building Systems and Lighting	3
INTDSGN 3129 (31I:129)	Interior Design Standards	2
INTDSGN 3151	Residential Design I	3
INTDSGN 3152	Residential Design II	3
INTDSGN 3164 (31I:164)	Professional Practice of Interior Design	2
INTDSGN 3165	Professional Preparation in Interior Design	1
INTDSGN 4151	Commercial Design I	3
INTDSGN 4152	Commercial Design II	3
INTDSGN 4161	Advanced Design I	2
INTDSGN 4162	Advanced Design II	3
INTDSGN 4195 (31I:195)	Internship in Interior Design	4
TEXDSGN 1002 (31T:013)	Textile Science	3
Economics:		
ECON 1031 (920:024)	Introduction to Economics	3
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing	3
Elective		
Select one of the following:		3
Accounting:		
ACCT 2120 (120:030)	Principles of Financial Accounting	
Business:		
BUSINESS 2010 (100:040)	Entrepreneurial Fundamentals	
Finance:		
FIN 3110 (160:140)	Principles of Real Estate	
Management:		
MGMT 2080 (150:080)	Introduction to Information Systems	
MGMT 3113 (150:113)	Business Communication	
Marketing:		
MKTG 3113/5113 (130:106g)	Consumer Behavior	
MKTG 3143 (130:150)	Advertising and Promotion	
MKTG 3146 (130:160)	Digital Advertising	
MKTG 3153 (130:153)	Personal Selling	
MKTG 3154	Sales Management	
MKTG 3156 (130:178)	Services Marketing	
MKTG 3166 (130:166)	Retail Management	
MKTG 3176/5176 (130:177g)	Global Marketing	

Total Hours	65

Textile and Apparel Major

The Textile and Apparel major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the

following specified major requirements, plus electives to complete the minimum of 120 hours.

Required

School of Applied Human Sciences:

TEXDSGN 1002 (31T:013)	Textile Science	3
TEXDSGN 1003 (31T:012)	Creative Textile and Apparel Design Foundations	3
TEXDSGN 1004	Fashion Culture and Industry	3
TEXDSGN 2004 (31T:116)	History of Costume	3
TEXDSGN 2006 (31T:011)	Computer Textile and Apparel Design Foundations	3
TEXDSGN 2007 (31T:014)	Apparel Design and Evaluation	3
TEXDSGN 3008 (31T:100)	Computer Applications for the Textile and Apparel Industry	3
TEXDSGN 3009 (31T:123)	Textile Structures	3
TEXDSGN 3010 (31T:124)	Quality Assurance for Textile Materials	3
TEXDSGN 3011 (31T:119)	Fashion Trend Analysis	3
TEXDSGN 3012 (31T:122)	Fashion Design: Flat Pattern and Draping	3
TEXDSGN 3013 (31T:185)	Professional Development: Textile and Apparel	2
TEXDSGN 4015/5015 (31T:114g)	Dress and Human Behavior	3
TEXDSGN 4016 (31T:115g)	Apparel Product Development and Merchandising	3
TEXDSGN 4195 (31T:195)	Internship in Textile and Apparel	4

School of Applied Human Sciences:

Select one of the following:		3
TEXDSGN 2005 (31T:121)	Fashion Promotion	
TEXDSGN 4184/5184 (31T:184g)	Topics in Textile and Apparel	

Marketing:

MKTG 2110 (130:101)	Principles of Marketing	3
MKTG 3166 (130:166)	Retail Management	3

Economics:

ECON 1031 (920:024)	Introduction to Economics	3
Select one of the following:		3

Accounting:

ACCT 2120 (120:030)	Principles of Financial Accounting	

Marketing:

MKTG 3113/5113 (130:106g)	Consumer Behavior	
MKTG 4170/5170 (130:191g)	Marketing Strategy	

Management:

MGMT 3153 (150:153)	Organizational Management	

Total Hours	60

Minors
Family Studies Minor

Required

Family Studies:		12
FAM SERV 1020 (31F:020)	Family Relationships	
FAM SERV 1030 (31F:030)	Research Methods in Family Science	
Or 3 hours of social science research methods such as:		
PSYCH 3002 (400:101)	Research Methods	
SW 3185 (450:185)	Social Work Research	
COMM COR 2020 (48C:080)	Communication Research Methods	
COMM 4021/5021 (48C:180g)	Quantitative Research Methods	
or SOC 2010 (980:108)	Research Methods	
FAM SERV 1055 (31F:055)	Human Growth and Development	
or PSYCH 2202 (400:120)	Developmental Psychology	
FAM SERV 1057 (31F:057)	Human Relationships and Sexuality	
Select three electives from the following:		9
Family Studies:		
FAM SERV 1010 (31F:010)	Human Identity and Relationships	
FAM SERV 2054 (31F:054)	Interpersonal Relationship Dynamics	
FAM SERV 2077 (31F:077)	Management of Family Resources	
FAM SERV 2111	Families and End of Life Issues	
or GERO 2111	Families and End of Life Issues	
FAM SERV 3145/5145 (31F:145g)	Violence in Intimate Relationships	
FAM SERV 3150/5150 (31F:150g)	Families and Aging	
FAM SERV 3155/5155 (31F:155g)	Parenting	
FAM SERV 3162/5162 (31F:162g)	Issues in Family Policy	
FAM SERV 3175/5175 (31F:175g)	Family Financial Counseling and Literacy	
FAM SERV 3176/5176 (31F:177g)	The American Consumer	
FAM SERV 4153/5153 (31F:153g)	Family Relationships in Crisis	
FAM SERV 4157/5157 (31F:157g)	Human Sexuality Education	

FAM SERV 4184/5184 (31F:184g)	Topics in Family Services	
Total Hours		21

Gerontology Minor

Gerontology core: select two of the following:		6
School of Applied Human Sciences:		
FAM SERV 3150/5150 (31F:150g)	Families and Aging [*]	
Psychology:		
PSYCH 3204/5204 (400:173g)	Psychology of Aging [*]	
Health Promotion and Education:		
HPE 4125/5125 (410:125g)	Aging and Health	
Sociology:		
SOC 3035/5035 (980:125g)	Social Gerontology [*]	
Families and Aging core: (select one of the following)		3
FAM SERV 2077 (31F:077)	Management of Family Resources [*]	
FAM SERV 3162/5162 (31F:162g)	Issues in Family Policy [*]	
FAM SERV 4153/5153 (31F:153g)	Family Relationships in Crisis [*]	
GERO 3161/5161	Families, Alzheimer's and Related Dementias	
or FAM SERV 3161/5161	Families, Alzheimer's and Related Dementias	
Development core: (select one of the following)		3
School of Applied Human Sciences:		
FAM SERV 1055 (31F:055)	Human Growth and Development [*]	
Psychology:		
PSYCH 2202 (400:120)	Developmental Psychology [*]	
Electives in Gerontology: select two of the following:		6
Communication Sciences and Disorders:		
CSD 1000 (51C:006)	Understanding Communication Disorders	
Communication Studies:		
COMM 4116/5116 (48C:138g)	Health Communication	
Health Promotion and Education:		
GERO 2111	Families and End of Life Issues	
or FAM SERV 2111	Families and End of Life Issues	
HPE 4353/5353 (410:153g)	Public Health Theory [*]	
School of Applied Human Sciences:		
INTDSGN 3129 (31I:129)	Interior Design Standards	
Social Work:		
SW 4173/5173 (450:173g)	Social Services for Older Adults [*]	

Anthropology:		
ANTH 3102/5102 (990:168g)	Culture, Disease, and Healing	
ANTH 3202/5202 (990:152g)	Human Biological Variation	
World Religions/Philosophy:		
RELS/PHIL 3510/ CAP 3173 (CAP:173)	Bio-Medical Ethics [*]	
RELS/PHIL 3110/ CAP 3194 (CAP:194)	Perspectives on Death and Dying [*]	
Total Hours		18

[*] These courses have additional prerequisites as follows: FAM SERV 3150/5150 (31F:150g) has prerequisites of FAM SERV 1020 (31F:020); *EDPSYCH 2030 (200:030)* or FAM SERV 1055 (31F:055) or PSYCH 2202 (400:120); junior standing.
PSYCH 2202 (400:120) has prerequisite of *PSYCH 1001 (400:001)*. *PSYCH 1001 (400:001)* may be used to satisfy Category 5B of the Liberal Arts Core.
HPE 4125/5125 (410:125g), RELS 3510 (640:173)/PHIL 3510 (650:173)/CAP 3173 (CAP:173), RELS 3110 (640:194)/PHIL 3110 (650:194)/CAP 3194 (CAP:194) have a prerequisite of junior standing.
PSYCH 3204/5204 (400:173g) has prerequisites of PSYCH 1001 (400:001); junior standing. PSYCH 1001 (400:001) may be used to satisfy Category 5B of the Liberal Arts Core.
SOC 3035/5035 (980:125g) has prerequisite of *SOC 1000 (980:001)*. *SOC 1000 (980:001)* may be used to satisfy Category 5A of the Liberal Arts Core.
FAM SERV 2077 (31F:077) has prerequisite of sophomore standing.
FAM SERV 4153/5153 (31F:153g) has prerequisite of FAM SERV 1020 (31F:020); 3 hours social science research methods; junior standing.
FAM SERV 3162/5162 (31F:162g) has prerequisite of FAM SERV 1020 (31F:020); junior standing.
COMM 4116/5116 (48C:138g) and HPE 4353/5353 (410:153g) have prerequisite of junior standing.
SW 4173/5173 (450:173g) has prerequisite of SW 1041 (450:041). *SW 1041 (450:041)* may be used to satisfy Category 5C of the Liberal Arts Core.
ANTH 3202/5202 (990:152g) has prerequisite of *ANTH 1001 (990:010)* and junior standing. ANTH 1001 (990:010) may be used to satisfy Category 4A of the Liberal Arts Core.
ANTH 3102/5102 (990:168g) has prerequisite of ANTH 1002 (990:011) or SOC 1000 (980:001) and junior standing.

Textile and Apparel Minor

This minor is offered by the Textile and Apparel program housed in the School of Applied Human Sciences.

Required		
Textile and Apparel:		
TEXDSGN 1002 (31T:013)	Textile Science	3

TEXDSGN 1003 (31T:012)	Creative Textile and Apparel Design Foundations	3
TEXDSGN 1004	Fashion Culture and Industry	3
TEXDSGN 2007 (31T:014)	Apparel Design and Evaluation	3
Electives from the following:		6
Textile and Apparel:		
TEXDSGN 2004 (31T:116)	History of Costume	
TEXDSGN 2005 (31T:121)	Fashion Promotion	
TEXDSGN 2006 (31T:011)	Computer Textile and Apparel Design Foundations	
TEXDSGN 3009 (31T:123)	Textile Structures	
TEXDSGN 3010 (31T:124)	Quality Assurance for Textile Materials	
TEXDSGN 3011 (31T:119)	Fashion Trend Analysis	
TEXDSGN 3012 (31T:122)	Fashion Design: Flat Pattern and Draping	
TEXDSGN 4015/5015 (31T:114g)	Dress and Human Behavior	
TEXDSGN 4016 (31T:115g)	Apparel Product Development and Merchandising	
TEXDSGN 4184/5184 (31T:184g)	Topics in Textile and Apparel	
Total Hours		18

Master of Arts Degree Program

Major in Counseling

The Counseling major is offered with two emphasis areas; Clinical Mental health Counseling and School Counseling. Program requirements and detailed information on the major, including admission policies and procedures, should be obtained from the School of Applied Human Sciences. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission* (also www.uni.edu/csbs/sahs/counseling).

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **thesis** and **non-thesis** options. The Clinical Mental Health emphasis requires a **minimum of 60 semester hours** for the **non-thesis option**; the School Counseling emphasis requires a **minimum of 51 semester hours** for the **non-thesis option**. *Students who do not have teacher licensure must take SPED 3150 (220:150) Meeting the Needs of Diverse Learners in Classroomsto meet Board of Educational Examiners requirements for licensure.* The **thesis option** requires an additional 6 hours of COUN 6299

(290:299) Research for either emphasis. **A minimum of 20 hours of 200/6000-level course work is required.**

All students completing this program must pass the Counselor Preparation Comprehensive Examination (CPCE). Pass scores on the CPCE national examination are based each semester on test results for the national normative data. This examination is based on the 8 CACREP core curriculum areas for counselor preparation. Students are also required to write an essay and pass this component as well.
  Non-thesis students must successfully complete the final paper and fulfill program-specific exit requirements. The thesis option requires a completed thesis and successful oral defense of the research, in addition to passing the CPCE and meeting program-specific exit requirements.

Required core courses

Counseling:		
COUN 4103/5103 (290:103g)	Introduction to Professional Counseling	3
COUN 4105/5105 (290:105g)	Counseling Skills	3
COUN 6220 (290:220)	Group Counseling Skills and Processes	3
COUN 6225 (290:225)	Facilitating Career Development	3
COUN 6226 (290:226)	Ethics, Supervision, Crisis and Consultation	3
COUN 6227 (290:227)	Counseling Theory	3
COUN 6228 (290:228)	Assessment Techniques in Counseling	3
COUN 6250 (290:250)	Family Counseling	3
COUN 6254 (290:254)	Counseling Children and Adolescents	3
COUN 6256 (290:256)	Multicultural Counseling	3
COUN 6262 (290:262)	Intervention and Prevention in Lifespan Development	3
Measurement and Research:		
MEASRES 6205 (250:205)	Educational Research	3
Total core hours		36

One of the following emphases:

Clinical Mental Health Counseling Emphasis (24 hours):

Required emphasis hours:

Counseling:		
COUN 6205 (290:205)	Counseling Processes with Individuals and Systems	3
COUN 6241 (290:241)	Treatment Procedures in Mental Health Counseling	3
COUN 6290 (290:290)	Practicum in Counseling	3
COUN 6291 (290:291)	Internship	6
Psychology:		
PSYCH 3403/5403 (400:142g)	Abnormal Psychology	3
Electives:		6

Total hours for Counseling: Clinical Mental Health Counseling non-thesis option (CACREP required 60 credits)		60
Additional requirement for thesis option:		
COUN 6299 (290:299)	Research	6
Total hours for Counseling: Clinical Mental Health Counseling thesis option		66

School Counseling Emphasis (15 hours):

Required emphasis courses:

COUN 6210 (290:210)	Developing Comprehensive School Counseling Programs	3
COUN 6290 (290:290)	Practicum in Counseling	3
COUN 6291 (290:291)	Internship	6
Educational Psychology:		
EDPSYCH 6214 (200:214)	Foundations of Instructional Psychology	3
Total hours for Counseling: School Counseling Emphasis non-thesis option (CACREP required 48 credits)		51
Additional requirement for thesis option:		
COUN 6299 (290:299)	Research	6
Total hours for Counseling: School Counseling Emphasis thesis option		57

Department of Art

(College of Humanities, Arts and Sciences)

www.uni.edu/art

The Department of Art offers the following undergraduate and graduate programs. Specific requirements for these programs are listed within this Department of Art section in the following order:

Undergraduate Major (B.F.A.)

- Art: Studio B.F.A.

Undergraduate Majors (B.A.)

- Art-Studio Emphasis
- Art-Art History Emphasis
- Art Education-Teaching
- Graphic Design

Minors

- Art
- Art History

Graduate Major (M.A.)

- Art Education

Major programs are offered by the Department of Art in two baccalaureate degree areas, the Bachelor of Arts and the Bachelor of Fine Arts. The Bachelor of Arts degree is a liberal arts program offered in Graphic Design or Art with three emphasis options: studio, art history or art education (teaching). The Bachelor of Fine Arts degree is a professional program with an intensive studio emphasis.

It is possible for students to earn both the B.F.A. degree along with the B.A. in Art-Art History emphasis or the B.A. in Art Education-Teaching. However, a double major in Art-Studio Emphasis and Graphic Design is not possible. Likewise, it is not possible to earn both the B.F.A. and a B.A. in either Art-Studio Emphasis or Graphic Design.

No grade of less than C- shall satisfy any art major or minor degree requirement whether taken at UNI or transferred from another institution. For all studio courses in the Department of Art programs the ratio of student work hours to credit hours is 3:1. Therefore, additional work is required outside the regular class meeting times.

Courses in the Department of Art require specialized materials, some of which are provided through art lab fees.

Art courses which fulfill an Art major requirement cannot be used to fulfill Category 3A of the Liberal Arts Core.

Foundations Sequence

The Foundations Sequence is a one-year program required for all art majors and art minors. Introductory courses are offered that will provide an intense exploration of basic art concepts and skills as preparation for specialized and advanced areas of study.

Art majors take the 18 hours of introductory courses in the first year of study. The Foundations Sequence is prerequisite to all studio and art history courses. Generally, students enroll in Drawing I, 2-D Concepts, and Survey of Art History I during the first semester and Drawing II, 3-D Concepts, and Survey of Art History II the second semester.

The Foundations Sequence is a prerequisite for introductory level courses taken only by Art majors and minors.

Foundations Sequence for majors:

ART 1011 (600:018)	Drawing I	3
ART 1022 (600:019)	Drawing II	3
ART 1222 (600:026)	Two-Dimensional Concepts	3
ART 1333 (600:027)	Three-Dimensional Concepts	3
ARTHIST 1111 (600:040)	Survey of Art History I	3
ARTHIST 1222 (600:041)	Survey of Art History II	3
Total Hours		18

Foundations Sequence for Art Studio minors:

ART 1011 (600:018)	Drawing I	3
ART 1222 (600:026)	Two-Dimensional Concepts	3
ART 1333 (600:027)	Three-Dimensional Concepts	3
ARTHIST 1111 (600:040) or ARTHIST 1222 (600:041)	Survey of Art History I Survey of Art History II	3
Total Hours		12

Foundations Sequence for Art History minors:

ART 1011 (600:018)	Drawing I	3
ART 1222 (600:026)	Two-Dimensional Concepts	3
or ART 1333 (600:027)	Three-Dimensional Concepts	
ARTHIST 1111 (600:040)	Survey of Art History I	3
ARTHIST 1222 (600:041)	Survey of Art History II	3
Total Hours		12

Bachelor of Fine Arts Degree Program

A B.F.A. portfolio admission review is required of all students seeking admission to the B.F.A. degree program. To qualify for the review students must:

1. have a minimum cumulative GPA in Art of 3.00, and an overall cumulative GPA of 2.75,

2. complete the Foundations Sequence,

3. have completed or be completing in the semester of application 6 hours of studio distribution,

4. be enrolled in or have completed a second semester in the selected area of Studio Concentration (students electing a drawing concentration must be enrolled in or have completed a third semester of drawing beyond Drawing II),

5. complete the B.F.A. Admission Application, and

6. submit a portfolio of art work for review. Students may reapply for admission to the B.F.A. program.

Art Major: Studio B.F.A.

The Art Major: Studio B.F.A. requires a minimum of 130 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 130 hours.

Foundations Sequence

ART 1011 (600:018)	Drawing I	3
ART 1022 (600:019)	Drawing II	3
ART 1222 (600:026)	Two-Dimensional Concepts	3
ART 1333 (600:027)	Three-Dimensional Concepts	3
ARTHIST 1111 (600:040)	Survey of Art History I	3
ARTHIST 1222 (600:041)	Survey of Art History II	3
Studio Distribution [*]		12
Group 1: 2-D studio distribution (select two of the following)		
ART 2030 (600:025)	Graphic Design I	
ART 2050 (600:080)	Painting I	
ART 2070 (600:032)	Creative Photography I: Digital Photography	
ART 2080	Printmaking I: Strategies	
Group 2: 3-D studio distribution (select two of the following)		
ART 2020 (600:050)	Ceramics I	
ART 2060 (600:060)	Performance Art I	

ART 2090 (600:037)	Sculpture I	
Studio Distribution plus: choose one course from the following:		3
ART 3020 (600:161)	Ceramics II	
ART 3030 (600:125)	Graphic Design II	
ART 3050 (600:162)	Painting II	
ART 3060 (600:163)	Performance Art II	
ART 3070 (600:130)	Creative Photography II	
ART 3080 (600:134)	Printmaking II: Applications	
ART 3090 (600:137)	Sculpture II	
History of Art Distribution		9
Choose any three 4000-level ARTHIST courses.		
B.F.A courses		
B.F.A. portfolio admission review		
ART 4010/5010 (600:194g)	Professional Practices	3
ART 4300/5300 (600:192g)	Seminar: Critical Issues in Contemporary Art	3
ART 4400 (600:189)	B.F.A. Exhibition	0
Courses in Studio Concentration		
Five courses in studio concentration		15
Five courses in any one of the following studio areas: ceramics, drawing (excluding Drawing I and Drawing II), graphic design, painting, performance art, photography, printmaking, or sculpture.		
ART 4111 (600:196)	B.F.A. Project I	3
ART 4222 (600:197)	B.F.A. Project II	3
Art Electives [**]		9
Total Hours		78

*	All studio distribution courses must be taken outside the student's studio concentration.
**	Courses chosen from studio, art history, or art education. Courses used in other categories cannot count toward these hours.

As a graduation requirement, each B.F.A. candidate must complete a concentration of no less than 21 semester hours in any one of the following studio areas: ceramics, drawing (excluding Drawing I and Drawing II), graphic design, painting, performance art, photography, printmaking, or sculpture.

The B.F.A. Exhibition ART 4400 (600:189) serves as the exit requirement for this degree program.

Bachelor of Arts Degree Programs

Art Major-Studio Emphasis

The B.A. Art-Studio Emphasis major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Foundations Sequence

ART 1011 (600:018)	Drawing I	3
ART 1022 (600:019)	Drawing II	3
ART 1222 (600:026)	Two-Dimensional Concepts	3

ART 1333 (600:027)	Three-Dimensional Concepts	3
ARTHIST 1111 (600:040)	Survey of Art History I	3
ARTHIST 1222 (600:041)	Survey of Art History II	3
Studio Distribution *		6
Group 1: 2-D studio distribution (select one of the following)		
ART 2030 (600:025)	Graphic Design I	
ART 2050 (600:080)	Painting I	
ART 2070 (600:032)	Creative Photography I: Digital Photography	
ART 2080	Printmaking I: Strategies	
Group 2: 3-D studio distribution (select one of the following)		
ART 2020 (600:050)	Ceramics I	
ART 2060 (600:060)	Performance Art I	
ART 2090 (600:037)	Sculpture I	
Studio distribution plus choose one course from the following		3
ART 3020 (600:161)	Ceramics II	
ART 3030 (600:125)	Graphic Design II	
ART 3050 (600:162)	Painting II	
ART 3060 (600:163)	Performance Art II	
ART 3070 (600:130)	Creative Photography II	
ART 3080 (600:134)	Printmaking II: Applications	
ART 3090 (600:137)	Sculpture II	
Art History Distribution		6
Choose two courses from any 4000-level ARTHIST courses		
Studio Concentration **		12
Studio Electives		3
Total Hours		48

* All studio distribution requirements must be taken outside the student's area of concentration.

** 12 hours in any one of the following areas: ceramics, drawing (excluding Drawing I and Drawing II), painting, performance art, photography, printmaking, or sculpture. Studio courses used to fulfill the studio distribution requirement cannot be used to fulfill requirements in the studio concentration.

Art Major-Art History Emphasis

The B.A. Art-Art History Emphasis major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Foundations Sequence

ART 1011 (600:018)	Drawing I	3
ART 1022 (600:019)	Drawing II	3
ART 1222 (600:026)	Two-Dimensional Concepts	3
ART 1333 (600:027)	Three-Dimensional Concepts	3
ARTHIST 1111 (600:040)	Survey of Art History I	3

ARTHIST 1222 (600:041)	Survey of Art History II	3
Studio Distribution		6
Group 1: 2-D studio distribution (select one of the following)		
ART 2030 (600:025)	Graphic Design I	
ART 2050 (600:080)	Painting I	
ART 2070 (600:032)	Creative Photography I: Digital Photography	
ART 2080	Printmaking I: Strategies	
Group 2: 3-D studio distribution (select one of the following)		
ART 2020 (600:050)	Ceramics I	
ART 2060 (600:060)	Performance Art I	
ART 2090 (600:037)	Sculpture I	
Art History Distribution		6
Group 1: Select one of the following:		
ARTHIST 4002/5002 (600:139g)	Ancient Near Eastern Art	
ARTHIST 4010/5010 (600:140g)	Ancient Egyptian Art	
ARTHIST 4020/5020 (600:141g)	Ancient Greek Art	
ARTHIST 4030/5030 (600:143g)	Ancient Roman Art	
ARTHIST 4040/5040 (600:145g)	Medieval Art	
ARTHIST 4900/5900 (600:155g)	Myth and Narrative in Art	
Group 2: Select one of the following:		
ARTHIST 4300/5300 (600:142g)	Italian Renaissance Art	
ARTHIST 4302/5302 (600:148g)	Northern Renaissance Art	
ARTHIST 4310/5310 (600:144g)	17th and 18th Century Art	
ARTHIST 4320/5320 (600:146g)	19th Century Western Art	
ARTHIST 4350/5350 (600:151g)	Early 20th Century Art	
ARTHIST 4362/5362 (600:152g)	Late 20th Century and Contemporary Art	
Art History in Non-Western Cultures		3
Select one of the following:		
ARTHIST 4002/5002 (600:139g)	Ancient Near Eastern Art	
ARTHIST 4010/5010 (600:140g)	Ancient Egyptian Art	
ARTHIST 4608/5608	Arts of Africa	
ARTHIST 4000/5000 (600:138g)	Research Methods and Writing in Art History	3
Art History Concentration		9
At least three courses from the aforementioned art history Group 1 or Group 2 *		
Art History Electives		6

A minimum of two courses from the above listing of art history courses and/or:		
ARTHIST 4322/5322 (600:153g)	History of Photography	
ARTHIST 4340/5340 (600:154g)	History of Design	
ARTHIST 4352/5352	History of Performance Art	
ARTHIST 4900/5900 (600:155g)	Myth and Narrative in Art	
ARTHIST 4999/5999 (600:191g)	Art History Seminar	
Total Hours		51

*   Art history courses used to fulfill the art history distribution requirement cannot be used to fulfill requirements in the art history concentration.

Art Education Major-Teaching

The Art Education-Teaching major requires a minimum of 126 total hours to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements, and the following specified major requirements, to complete the minimum of 126 hours.

Foundations Sequence		
ART 1011 (600:018)	Drawing I	3
ART 1022 (600:019)	Drawing II	3
ART 1222 (600:026)	Two-Dimensional Concepts	3
ART 1333 (600:027)	Three-Dimensional Concepts	3
ARTHIST 1111 (600:040)	Survey of Art History I	3
ARTHIST 1222 (600:041)	Survey of Art History II	3
Studio Distribution		12
Group 1: 2-D studio distribution (select two of the following)		
ART 2030 (600:025)	Graphic Design I	
ART 2050 (600:080)	Painting I	
ART 2070 (600:032)	Creative Photography I: Digital Photography	
ART 2080	Printmaking I: Strategies	
Group 2: 3-D studio distribution (select two of the following)		
ART 2020 (600:050)	Ceramics I	
ART 2060 (600:060)	Performance Art I	
ART 2090 (600:037)	Sculpture I	
Art History Distribution		6
choose two courses from any 4000-level ARTHIST courses		
Professional Methods Courses *		
ARTED 2500 (600:091)	Foundations in Art Education	2
ARTED 2600 (600:092)	Methods in Elementary Art Education	3
ARTED 3505 (600:119)	Methods in Secondary Art Education	3
ARTED 4500 (600:121)	Issues and Theories in Art Education	2

Art Concentration **		6
Total Hours		52

*   Completion of these courses will satisfy INSTTECH 1020 (240:020) of the Professional Education Requirements.

**   Courses used to fulfill the Art concentration may not be used to fulfill other requirements in this degree.

Art Education majors must choose an area of concentration in either Studio or Art History. An Art History concentration consists of two 4000-level ARTHIST courses not used to fulfill the art history distribution requirement. A concentration in Studio consists of two 3000 level in a single area (ceramics, drawing, graphic design, painting, performance art, photography, printmaking or sculpture) not used to fulfill the studio distribution requirement.

Graphic Design Major

The Graphic Design major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements, and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Foundations Sequence		
ART 1011 (600:018)	Drawing I	3
ART 1022 (600:019)	Drawing II	3
ART 1222 (600:026)	Two-Dimensional Concepts	3
ART 1333 (600:027)	Three-Dimensional Concepts	3
ARTHIST 1111 (600:040)	Survey of Art History I	3
ARTHIST 1222 (600:041)	Survey of Art History II	3
Studio Distribution*		6
Group 1: 2-D studio distribution (select one of the following)		
ART 2050 (600:080)	Painting I	
ART 2070 (600:032)	Creative Photography I: Digital Photography	
ART 2080	Printmaking I: Strategies	
Group 2: 3-D studio distribution (select one of the following)		
ART 2020 (600:050)	Ceramics I	
ART 2060 (600:060)	Performance Art I	
ART 2090 (600:037)	Sculpture I	
Studio distribution plus choose one course from the following		3
ART 3020 (600:161)	Ceramics II	
ART 3050 (600:162)	Painting II	
ART 3060 (600:163)	Performance Art II	
ART 3070 (600:130)	Creative Photography II	
ART 3080 (600:134)	Printmaking II: Applications	
ART 3090 (600:137)	Sculpture II	
Art History Distribution		6
choose two courses from any 4000-level ARTHIST courses.		
Art:		6
ART 2030 (600:025)	Graphic Design I	

ART 3030 (600:125)	Graphic Design II	
Graphic Design Concentration (select three courses from the following major electives):		9
ART 3031 (600:126)	Graphic Design: Identity System Design	
ART 3032 (600:128)	Graphic Design: Digital Image Design	
ART 3033 (600:129)	Graphic Design: Typography	
ART 3034 (600:127)	Graphic Design: Publication Design	
ART 3035 (600:182)	Graphic Design: Motion Graphics	
ART 3036 (600:181)	Graphic Design: Web and Interactive Design	
ART 3037 (600:183)	Graphic Design: Book Structures	
ART 3038 (600:184)	Graphic Design: Portfolio Preparation	
Total Hours		48

*   *All studio distribution courses must be taken outside the student's area of concentration.

Minors
Art Minor

Foundations Sequence

ART 1011 (600:018)	Drawing I	3
ART 1222 (600:026)	Two-Dimensional Concepts	3
ART 1333 (600:027)	Three-Dimensional Concepts	3
ARTHIST 1111 (600:040) or ARTHIST 1222 (600:041)	Survey of Art History I Survey of Art History II	3
Art Studio Electives (listed below)		9
ART 1022 (600:019)	Drawing II	
ART 2020 (600:050)	Ceramics I	
ART 2030 (600:025)	Graphic Design I	
ART 2050 (600:080)	Painting I	
ART 2060 (600:060)	Performance Art I	
ART 2070 (600:032)	Creative Photography I: Digital Photography	
ART 2080	Printmaking I: Strategies	
ART 2090 (600:037)	Sculpture I	
ART 3001 (600:118)	Drawing III	
ART 3011 (600:111)	Life Drawing	
ART 3020 (600:161)	Ceramics II	
ART 3030 (600:125)	Graphic Design II	
ART 3031 (600:126)	Graphic Design: Identity System Design	
ART 3033 (600:129)	Graphic Design: Typography	
ART 3034 (600:127)	Graphic Design: Publication Design	

ART 3050 (600:162)	Painting II	
ART 3055 (600:180)	Painting III	
ART 3060 (600:163)	Performance Art II	
ART 3066/5066 (600:173g)	Performance Art III	
ART 3070 (600:130)	Creative Photography II	
ART 3077 (600:131)	Creative Photography III	
ART 3078 (600:132)	Color Photography	
ART 3080 (600:134)	Printmaking II: Applications	
ART 3088 (600:174)	Printmaking III: Directions	
ART 3090 (600:137)	Sculpture II	
ART 3099 (600:177)	Sculpture III	
ART 4000 (600:175)	Undergraduate Studio	
Total Hours		21

Art History Minor

Foundations Art History

ARTHIST 1111 (600:040)	Survey of Art History I	3
ARTHIST 1222 (600:041)	Survey of Art History II	3
Foundations Studio		
ART 1011 (600:018)	Drawing I	3
ART 1222 (600:026) or ART 1333 (600:027)	Two-Dimensional Concepts Three-Dimensional Concepts	3
Art History		9
Select three of the following:		
ARTHIST 4000/5000 (600:138g)	Research Methods and Writing in Art History	
ARTHIST 4002/5002 (600:139g)	Ancient Near Eastern Art	
ARTHIST 4010/5010 (600:140g)	Ancient Egyptian Art	
ARTHIST 4020/5020 (600:141g)	Ancient Greek Art	
ARTHIST 4030/5030 (600:143g)	Ancient Roman Art	
ARTHIST 4040/5040 (600:145g)	Medieval Art	
ARTHIST 4300/5300 (600:142g)	Italian Renaissance Art	
ARTHIST 4302/5302 (600:148g)	Northern Renaissance Art	
ARTHIST 4310/5310 (600:144g)	17th and 18th Century Art	
ARTHIST 4320/5320 (600:146g)	19th Century Western Art	
ARTHIST 4322/5322 (600:153g)	History of Photography	
ARTHIST 4340/5340 (600:154g)	History of Design	
ARTHIST 4350/5350 (600:151g)	Early 20th Century Art	
ARTHIST 4352/5352	History of Performance Art	
ARTHIST 4362/5362 (600:152g)	Late 20th Century and Contemporary Art	

ARTHIST 4608/5608	Arts of Africa	
ARTHIST 4900/5900 (600:155g)	Myth and Narrative in Art	
ARTHIST 4999/5999 (600:191g)	Art History Seminar	
Total Hours		21

Master of Arts Degree Programs
Major in Art Education

Students interested in this program must submit a completed Application for Admission to Graduate Study. Applicants should refer to their MyUNIverse Student Center To-Do list or contact the Department of Art for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission.*

The Graduate Record Examination (General Test) **is** required for admission to the program.

Applicants must have a B.A. in Art Education. Applicants with a B.A. in Art History or B.A. or B.F.A. in Studio Art must also have teaching certification. Qualified applicants are admitted by the Graduate Faculty Admissions Committee following selective review of prior academic achievement, writing samples, a portfolio of personal art work and work by the applicant's students. Specific information regarding portfolio preparation is available from the Department of Art.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

Each student must complete a **minimum of 30 semester hours.** This major has a written or a **project-based thesis** requirement. Projects must focus on issues germane to K-12 teaching and be documented by a thorough thesis description paper. **A minimum of 15 semester hours of 200/6000-level course work is required.**

All degree candidates are required to pass a formal Comprehensive Review in partial fulfillment of the Master of Arts degree requirements.

Required:

ARTED 6500 (600:295)	Seminar in Teaching Art [*]	9
ART 4300/5300 (600:192g)	Seminar: Critical Issues in Contemporary Art	3
Select one of the following:		3
ART 4010/5010 (600:194g)	Professional Practices	
ART 4300/5300 (600:192g)	Seminar: Critical Issues in Contemporary Art [**]	
ARTHIST 4000/5000 (600:138g)	Research Methods and Writing in Art History	
Graduate level Art History (numbered 5000-level or above)		6
ART 6299 (600:299)	Research	6

Graduate-level electives (approved by the Chair of Graduate Studies, Department of Art)	3
Total Hours	30

[*]	Must be repeated for a total of 9 hours.
[**]	May be taken twice.

Department of Biology

(College of Humanities, Arts and Sciences)

www.biology.uni.edu

The Department of Biology offers the following undergraduate and graduate programs. Specific requirements for these programs are listed within this Department of Biology section in the following order:

Undergraduate Major (B.S.)

- Biology

Undergraduate Majors (B.A.)

- Biology
- Biology: Biomedical Emphasis
- Biology: Ecology, Evolution and Organismal Biology Emphasis
- Biology-Teaching
- Combined B.A./M.S. or B.S./M.S. Program Biology

Minors

- Biology
- Biology-Teaching

Graduate Major (M.S.)

- Biology

Graduate Majors (P.S.M.)

- Biotechnology
- Ecosystem Management

Major programs are offered by the Department of Biology in two baccalaureate areas: the Bachelor of Arts and the Bachelor of Science. The Bachelor of Science degree is recommended for most students preparing for graduate study in biology. The Bachelor of Arts degree provides a choice among several tracks depending upon student interest and/or career plans.

Note: Students should submit their declaration of a biology major early in their college programs. This will permit them to plan their major courses with a department advisor to avoid future conflicts. Transfer students with previous courses in biology, zoology, or botany must have transfer courses evaluated to avoid duplication and possible loss of credit. Decisions regarding UNI major courses and transfer credits should be approved by the department head or advisor.

Academic Standard Policy

Majors

1. Students should indicate their interest in majoring in biology by filling out a Declaration of Curriculum form any time after their admission to UNI.

2. A student's freshman year shall be devoted primarily to completing the required course work in general biology (BIOL 2051 (840:051) General Biology: Organismal Diversity and BIOL 2052 (840:052) General Biology: Cell Structure and Function) and chemistry (CHEM 1110 (860:044) General Chemistry I and CHEM 1120 (860:048) General Chemistry II , or CHEM 1130 (860:070) General Chemistry I-II). Liberal Arts Core and/or math classes should be taken by students to complete their schedules.

3. Students must receive a grade of C- (1.67) or higher in courses that are applied to their major. Prior to enrollment in a course, all prerequisites must be completed with a C- (1.67) or higher.

4. ALEKS is a mathematics placement exam used at the University of Northern Iowa. Your academic advisor will use your score on the ALEKS assessment to determine your placement in UNI mathematics, chemistry, and physics courses.

5. If a student drops a course after the first seven days of classes, in the subsequent semester they will only be allowed to register for that course after all advanced registration is completed.

6. To graduate from UNI with a biology major, students must have both a cumulative and a major UNI GPA of 2.50 or higher, with a grade of C- (1.67) or higher in all courses that are applied to the major.

7. To graduate from UNI with a biology major, students must take at least four (4) hours of biology at the 4000 level at UNI.

8. Transfer students entering UNI shall be subject to the acceptance requirements listed in #3.

Minors

To graduate from UNI with a biology minor, students must have both a cumulative and a minor UNI GPA of 2.50 or higher, with a grade of C- (1.67) or higher in all courses that are applied to the minor.

Bachelor of Science Degree Program

Emphasis-Honors Research

Students invited to do Honors Research will complete 4 credit hours of BIOL 3190 (840:190) Undergraduate Research in Biology and 1 credit hour of BIOL 3191 (840:191) Senior Thesis.

Biology Major

The B.S. Biology major requires a minimum of 126 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 126 hours.

The Bachelor of Science Biology major is designed to prepare students for careers in areas which require a higher degree of concentration in subject matter and cognate areas, particularly advanced-level courses. This degree is especially appropriate for students planning graduate study. In order to ensure graduation within eight semesters, students should work with advisors early in their programs, as advanced planning for sequenced courses is very important.

Course List

Required: [*]

Introductory track:		15
BIOL 2051 (840:051)	General Biology: Organismal Diversity	
BIOL 2052 (840:052)	General Biology: Cell Structure and Function	
BIOL 3100 (840:100)	Evolution, Ecology and the Nature of Science [**]	
BIOL 3140 (840:140)	Genetics [**]	
Biology:		5-6
BIOL 3190 (840:190)	Undergraduate Research in Biology	
BIOL 4157/5157 (840:157g)	Biostatistics	
Cognate courses:		
Mathematics:		4
MATH 1420 (800:060)	Calculus I [§]	
Chemistry and Biochemistry:		16
CHEM 1110 (860:044)	General Chemistry I	
CHEM 1120 (860:048)	General Chemistry II [***]	
CHEM 2210 (860:120)	Organic Chemistry I	
CHEM 2220 (860:123)	Organic Chemistry II	
CHEM 2230 (860:121)	Organic Chemistry Laboratory	
Physics:		8
PHYSICS 1511 (880:054)	General Physics I	
PHYSICS 1512 (880:056)	General Physics II	
Electives in Biology: [^],[†]		19-20
or		
MATH 1421 (800:061)	Calculus II	
or		
CHEM 4510/5510 (860:154g)	Biochemistry I	
Total hours		68

[*]   At least 7-8 hours of BIOL 4xxx (excludes BIOL 4198) is required.

[**]   BIOL 3100 (840:100) Evolution, Ecology and the Nature of Science and BIOL 3140 (840:140) Genetics are not required as prerequisites for 100/3000-level courses.

[***]   Students with excellent preparation in chemistry may substitute CHEM 1130 (860:070) General Chemistry I-II plus 3 additional credit hours of biology electives for CHEM 1110 (860:044) General Chemistry I and CHEM 1120 (860:048) General Chemistry II.

[^]   Not more than four (4) semester hours of credit from BIOL 3185 (840:185) Readings in Biology, BIOL 3190 (840:190) Undergraduate Research in Biology and BIOL 4198 (840:198) Independent Study will be accepted for biology elective credit.

[†]   100/3000-level or above, excluding BIOL 3101 (840:101) Anatomy and Physiology I.

§ Satisfactory score on ALEKS exam or subsequent remediation.

Bachelor of Arts Degree Programs

Emphasis-Honors Research

Students invited to do Honors Research will complete 4 credit hours of BIOL 3190 (840:190) Undergraduate Research in Biology and 1 credit hour of BIOL 3191 (840:191) Senior Thesis.

Biology Major

The B.A. Biology major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

This major provides a broad training in biology but allows different specializations through choice of electives. Students who select this major to prepare themselves for graduate study in the biological sciences should consult with their advisor for elective courses. Field courses offered during the summer program at Iowa Lakeside Laboratory may be accepted for biology elective credit.

Required: [*]

Introductory track:		15
BIOL 2051 (840:051)	General Biology: Organismal Diversity	
BIOL 2052 (840:052)	General Biology: Cell Structure and Function	
BIOL 3100 (840:100)	Evolution, Ecology and the Nature of Science [**]	
BIOL 3140 (840:140)	Genetics [**]	
Cognate courses:		
Mathematics:		4-5
Select one of the following:		
MATH 1130 (800:044) & MATH 1120 (800:056)	Trigonometry and Mathematics for Biological Sciences	
MATH 1140 (800:046)	Precalculus	
MATH 1420 (800:060)	Calculus I	
Chemistry and Biochemistry: [***]		12-13
CHEM 1110 (860:044)	General Chemistry I	
CHEM 1120 (860:048)	General Chemistry II	
CHEM 2210 (860:120) & CHEM 2230 (860:121)	Organic Chemistry I and Organic Chemistry Laboratory	
or CHEM 2040	Applied Organic and Biochemistry	
Earth Science/Physics (select one of the following):		8
EARTHSCI 1300 (870:031) & EARTHSCI 1320 (870:035)	Introduction to Geology and Earth History	
PHYSICS 1511 (880:054) & PHYSICS 1512 (880:056)	General Physics I and General Physics II	
Electives in Biology: [^, †]		17-19
or		

CHEM 2220 (860:123)	Organic Chemistry II
or	
CHEM 4510/5510 (860:154g)	Biochemistry I
Total hours	58

[*] At least 7-8 hours of BIOL 4xxx (excludes BIOL 4198) is required.

[**] BIOL 3100 (840:100) Evolution, Ecology and the Nature of Science and BIOL 3140 (840:140) Genetics are not required as prerequisites for 100/3000-level courses.

[***] Students with excellent preparation in chemistry may substitute CHEM 1130 (860:070) General Chemistry I-II plus 3 additional credit hours of biology electives for CHEM 1110 (860:044) General Chemistry I and CHEM 1120 (860:048) General Chemistry II.

[^] Not more than four (4) semester hours of credit from BIOL 3185 (840:185) Readings in Biology, BIOL 3190 (840:190) Undergraduate Research in Biology and BIOL 4198 (840:198) Independent Study will be accepted for biology elective credit.

[†] 100/3000-level or above, excluding BIOL 3101 (840:101) Anatomy and Physiology I.

Biology Major: Biomedical Emphasis

The B.A. Biology Major: Biomedical Emphasis requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

This major offers basic preparation to students for allopathic, osteopathic, chiropractic, pharmacy, physical therapy, dental, veterinary, optometric, podiatric and other health-related programs. In addition, it prepares students for graduate study in biomedical sciences, e.g., pharmacology, toxicology, pathology, physiology, cellular biology, and related areas. Students should seek advice and information early in their programs so that individual goals and specific additional requirements of some graduate and professional programs can be considered in curricular planning.

Required: [*]

Introductory track:		15
BIOL 2051 (840:051)	General Biology: Organismal Diversity	
BIOL 2052 (840:052)	General Biology: Cell Structure and Function	
BIOL 3100 (840:100)	Evolution, Ecology and the Nature of Science [**]	
BIOL 3140 (840:140)	Genetics [**]	
Anatomy group:		4
Select one of the following:		
BIOL 3106 (840:106)	Vertebrate Anatomy	
BIOL 4146/5146 (840:146g)	Developmental Biology of Animals [^]	
BIOL 4172/5172 (840:172g)	Developmental Plant Anatomy	
Physiology group:		4
Select one of the following:		

BIOL 4114/5114 (840:114g)	Comparative Animal Physiology	
BIOL 4122/5122 (840:122g)	Plant Physiology	
BIOL 4137/5137 (840:138g)	Vertebrate Physiology	
Cellular group:		4
Select one of the following:		
BIOL 4128/5128 (840:128g)	Cell Biology	
BIOL 4146/5146 (840:146g)	Developmental Biology of Animals ^	
BIOL 4150/5150 (840:150g)	Immunology	
Cognate courses:		
Mathematics:		4-5
Select one of the following:		
MATH 1140 (800:046)	Precalculus	
MATH 1420 (800:060)	Calculus I	
MATH 1130 (800:044) & MATH 1120 (800:056)	Trigonometry and Mathematics for Biological Sciences	
Chemistry and Biochemistry:		16
CHEM 1110 (860:044) & CHEM 1120 (860:048)	General Chemistry I and General Chemistry II ***	
CHEM 2210 (860:120)	Organic Chemistry I	
CHEM 2220 (860:123)	Organic Chemistry II	
CHEM 2230 (860:121)	Organic Chemistry Laboratory	
Physics:		8
PHYSICS 1511 (880:054)	General Physics I	
PHYSICS 1512 (880:056)	General Physics II	
Electives selected from the following (consult with advisor):		2-3
Biology:		
BIOL 3102 (840:102)	Anatomy and Physiology II	
BIOL 3106 (840:106)	Vertebrate Anatomy	
BIOL 3108 (840:108)	Vertebrate Histology	
BIOL 3147 (840:147)	Cancer and Emerging Infectious Diseases	
BIOL 3151 (840:151)	General Microbiology	
BIOL 3160 (840:160)	Field Zoology of Vertebrates	
BIOL 3170 (840:170)	Entomology	
BIOL 3190 (840:190)	Undergraduate Research in Biology	
BIOL 4114/5114 (840:114g)	Comparative Animal Physiology	
BIOL 4116/5116 (840:116g)	Neurobiology	
BIOL 4122/5122 (840:122g)	Plant Physiology	
BIOL 4128/5128 (840:128g)	Cell Biology	

BIOL 4131/5131 (840:131g)	Animal Behavior	
BIOL 4137/5137 (840:138g)	Vertebrate Physiology	
BIOL 4142/5142 (840:142g)	Evolutionary Biology	
BIOL 4144/5144 (840:144g)	Virology	
BIOL 4146/5146 (840:146g)	Developmental Biology of Animals	
BIOL 4150/5150 (840:150g)	Immunology	
BIOL 4152/5152	Microbial Molecular Biology	
BIOL 4153/5153 (840:153g)	Recombinant DNA Techniques	
BIOL 4157/5157 (840:157g)	Biostatistics	
BIOL 4164/5164 (840:164g)	Mammalogy	
BIOL 4168/5168 (840:168g)	Ecology	
BIOL 4172/5172 (840:172g)	Developmental Plant Anatomy	
Chemistry and Biochemistry:		
CHEM 4510/5510 (860:154g)	Biochemistry I	
Total hours		58

*	At least 7-8 hours of BIOL 4xxx (excludes BIOL 4198) is required.
**	BIOL 3100 (840:100) Evolution, Ecology and the Nature of Science and BIOL 3140 (840:140) Genetics are not required as prerequisites for 100/3000-level courses.
***	Students with excellent preparation in chemistry may substitute CHEM 1130 (860:070) General Chemistry I-II plus 3 additional credit hours of biology electives for CHEM 1110 (860:044) General Chemistry I and CHEM 1120 (860:048) General Chemistry II.
^	BIOL 4146/5146 (840:146g) Developmental Biology of Animals cannot satisfy both requirements.

Biology Major: Ecology, Evolution and Organismal Biology Emphasis

The B.A. Biology Major: Ecology, Evolution and Organismal Biology Emphasis requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

This emphasis provides training to students interested in organismal and/or ecological biology. With the guidance of a faculty advisor, students who wish to specialize further may follow one of four separate tracks: Ecology, Applied Ecology, Plant Sciences, or Zoology. This emphasis is appropriate for students interested in a career with private and governmental organizations conducting endangered species recovery, ecological restoration, biological surveys, toxicity evaluations, environmental impact analyses, field

List of Programs by Department

research, museum or herbarium curation, or who wish to work in zoos, nature centers, museums, or botanical gardens. This emphasis also provides suitable background for students wishing to pursue graduate degrees in animal behavior, botany, conservation biology, ecology, environmental toxicology, evolutionary biology, systematics, population biology, and zoology. Students should seek advice and information early in their programs so that individual goals and specific additional requirements of some graduate and professional programs can be considered in curricular planning. Field courses offered during the summer program at Iowa Lakeside Laboratory may be accepted for biology elective credit.

Required: [*]	
Introductory track:	15
BIOL 2051 (840:051)	General Biology: Organismal Diversity
BIOL 2052 (840:052)	General Biology: Cell Structure and Function
BIOL 3100 (840:100)	Evolution, Ecology and the Nature of Science [**]
BIOL 3140 (840:140)	Genetics [**]
Cognate courses:	
Mathematics:	4-5
Select one of the following:	
MATH 1140 (800:046)	Precalculus
MATH 1420 (800:060)	Calculus I
MATH 1130 (800:044) & MATH 1120 (800:056)	Trigonometry and Mathematics for Biological Sciences
Chemistry and Biochemistry:	12-13
CHEM 1110 (860:044) & CHEM 1120 (860:048)	General Chemistry I and General Chemistry II [***]
Select one of the following:	
CHEM 2040	Applied Organic and Biochemistry
CHEM 2210 (860:120) & CHEM 2230 (860:121)	Organic Chemistry I and Organic Chemistry Laboratory
Physical Science	4
EARTHSCI 1300 (870:031)	Introduction to Geology
or PHYSICS 1511 (880:054)	General Physics I
Electives: select from the following (consult with advisor):	21-23
Biology: [^]	
BIOL 3106 (840:106)	Vertebrate Anatomy
BIOL 3107	Environmental Physiology
BIOL 3112 (840:112)	Invertebrate Zoology
BIOL 3118	Marine Biology
BIOL 3120 (840:120)	Plant Diversity and Evolution
BIOL 3160 (840:160)	Field Zoology of Vertebrates
BIOL 3170 (840:170)	Entomology
BIOL 3174 (840:174)	Field Biology:

BIOL 3185 (840:185)	Readings in Biology
BIOL 3190 (840:190)	Undergraduate Research in Biology
BIOL 4105/5105 (840:105g)	Wildlife Ecology and Management
BIOL 4108/5108	Biodiversity Conservation Policy
BIOL 4114/5114 (840:114g)	Comparative Animal Physiology
BIOL 4122/5122 (840:122g)	Plant Physiology
BIOL 4131/5131 (840:131g)	Animal Behavior
BIOL 4137/5137 (840:138g)	Vertebrate Physiology
BIOL 4142/5142 (840:142g)	Evolutionary Biology
BIOL 4146/5146 (840:146g)	Developmental Biology of Animals
BIOL 4154/5154 (840:154g)	Aquatic Ecology
BIOL 4157/5157 (840:157g)	Biostatistics
BIOL 4164/5164 (840:164g)	Mammalogy
BIOL 4166/5166 (840:166g)	Plant Systematics
BIOL 4167/5167 (840:167g)	Conservation Biology
BIOL 4168/5168 (840:168g)	Ecology
BIOL 4172/5172 (840:172g)	Developmental Plant Anatomy
BIOL 4180/5180 (840:180g)	Restoration Ecology
BIOL 4198 (840:198)	Independent Study
Earth Science/Geography:	
Select one of the following:	
EARTHSCI 3328 (870:125)	Fossils and Evolution
GEOG 3310 (970:164)	Geographic Information Systems I
GEOG 4220/5220 (970:126g)	Soils and Landscapes
Total hours	58

[*] At least 7-8 hours of BIOL 4xxx (excludes BIOL 4198) is required.

[**] BIOL 3100 (840:100) Evolution, Ecology and the Nature of Science and BIOL 3140 (840:140) Genetics are not required as prerequisites for 100/3000-level courses.

[***] Students with excellent preparation in chemistry may substitute *CHEM 1130 (860:070) General Chemistry I-II* plus 3 additional credit hours of biology electives for CHEM 1110 (860:044) General Chemistry I and CHEM 1120 (860:048) General Chemistry II.

^   Not more than four (4) semester hours of credit from BIOL 3185 (840:185) Readings in Biology, BIOL 3190 (840:190) Undergraduate Research in Biology and BIOL 4198 (840:198) Independent Study will be accepted for biology elective credit.

Biology Major-Teaching *(Extended Program)*

The B.A. Biology-Teaching major requires a minimum of 131 total hours to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements, and the following specified major requirements to complete the minimum of 131 hours.

The Biology Teaching major provides a broad education in biology. Along with professional education courses and student teaching, this curriculum is a sound preparation for teaching life science, biology, and other secondary science courses. This is an extended program requiring at least nine semesters; therefore, students should contact their advisors early in their program. This program is an excellent preparation for graduate work in biology or science education.

Required: [*]

Introductory track:		15
BIOL 2051 (840:051)	General Biology: Organismal Diversity	
BIOL 2052 (840:052)	General Biology: Cell Structure and Function	
BIOL 3100 (840:100)	Evolution, Ecology and the Nature of Science [**]	
BIOL 3140 (840:140)	Genetics [**]	
Evolutionary Biology:		3
BIOL 4142/5142 (840:142g)	Evolutionary Biology	
Plant group:		4
Select one of the following:		
BIOL 3120 (840:120)	Plant Diversity and Evolution	
BIOL 4122/5122 (840:122g)	Plant Physiology	
BIOL 4166/5166 (840:166g)	Plant Systematics	
BIOL 4172/5172 (840:172g)	Developmental Plant Anatomy	
Animal group:		4
Select one of the following:		
BIOL 3102 (840:102)	Anatomy and Physiology II [***]	
BIOL 3106 (840:106)	Vertebrate Anatomy	
BIOL 4114/5114 (840:114g)	Comparative Animal Physiology	
BIOL 4146/5146 (840:146g)	Developmental Biology of Animals	
Cellular group:		4
Select one of the following:		
BIOL 3151 (840:151)	General Microbiology	
BIOL 4128/5128 (840:128g)	Cell Biology	
Cognate courses:		

Chemistry and Biochemistry:		12
CHEM 2040	Applied Organic and Biochemistry	
CHEM 1110 (860:044)	General Chemistry I	
CHEM 1120 (860:048)	General Chemistry II [^]	
Earth Science:		4
EARTHSCI 1320 (870:035)	Earth History	
Physics:		4
PHYSICS 1511 (880:054)	General Physics I	
Methods:		
Science and Science Education:		5
SCI ED 3200 (820:196)	Current Technologies in Science Teaching	
SCI ED 3300/5300 (820:190g)	Orientation to Science Teaching	
Biology:		4
BIOL 3197 (840:197)	Undergraduate Practicum in Biology Teaching	
BIOL 4193/5193 (840:193g)	Methods for Teaching Life Science	
Electives in Biology: [†]		4
Total Hours		63

*   At least 7-8 hours of BIOL 4xxx (excludes BIOL 4198) is required.

**   BIOL 3100 (840:100) Evolution, Ecology and the Nature of Science and BIOL 3140 (840:140) Genetics are not required as prerequisites for 100/3000-level courses.

***   Students who take BIOL 3101 (840:101) Anatomy and Physiology I will receive university elective credit. BIOL 3102 (840:102) Anatomy and Physiology II will fulfill the Animal Group requirement.   BIOL 3102 (840:102) Anatomy and Physiology II cannot count as biology elective credit if used to fulfill the Animal Group requirement.

^   Students with excellent preparation in chemistry may substitute CHEM 1130 (860:070) General Chemistry I-II plus 3 additional credit hours of biology or chemistry electives for CHEM 1110 (860:044) General Chemistry I and CHEM 1120 (860:048) General Chemistry II.

†   Not more than four (4) semester hours of credit from BIOL 3185 (840:185) Readings in Biology, BIOL 3190 (840:190) Undergraduate Research in Biology, and BIOL 4198 (840:198) Independent Study will be accepted for biology elective credit.

Combined B.A./M.S. or B.S./M.S. Program Biology

The B.A./M.S. or B.S./M.S. degree program is a five-year program offered on the **thesis** option only, leading to both the B.A./B.S. and M.S. degrees in biology. This program prepares students for doctoral graduate studies in biology and it provides training for work as a biologist in academic, industrial, and government laboratories. Students interested in this program can declare their intent by the end of the junior year, provided they have an overall grade point average (GPA) of 3.00 or above. An Application for Admission to

Graduate Study should be completed and the student's interest in the Combined B.A./M.S. or B.S./M.S. Program in Biology indicated on the application itself. Graduate information and an application for graduate admission can be found at *www.grad.uni.edu/admission.*

Once admitted to the program, undergraduate students (who are classified as seniors), may register for a maximum of 12 hours of graduate credit as a senior, with the approval of the student's advisor, the instructor of the course(s), and the head(s) of the department(s) offering the course(s). See policies and procedures for Graduate Credit for Undergraduate Students. Actual admission to graduate study and classification as a graduate student commences the term after the student has completed the baccalaureate.

Refer to the M.S. Biology Major for program requirements.

Minors
Biology Minor

Required:

Introductory track:		8
BIOL 2051 (840:051)	General Biology: Organismal Diversity	
BIOL 2052 (840:052)	General Biology: Cell Structure and Function	
Chemistry and Biochemistry:		8
CHEM 1110 (860:044) & CHEM 1120 (860:048)	General Chemistry I and General Chemistry II *	
Electives in Biology: **		10-12
Total Hours		26-28

*   Students with excellent preparation in chemistry may substitute CHEM 1130 (860:070) General Chemistry I-II plus 3 additional credit hours of biology electives for CHEM 1110 (860:044) General Chemistry I and CHEM 1120 (860:048) General Chemistry II.

**   100/3000/4000-level, excluding BIOL 3101 (840:101) Anatomy and Physiology I, BIOL 3179 (840:179) Cooperative Education, BIOL 3185 (840:185) Readings in Biology, BIOL 3190 (840:190) Undergraduate Research in Biology, and BIOL 4198 (840:198) Independent Study

Biology Minor-Teaching

The Biology Minor-Teaching provides for second endorsement approval by the Iowa Board of Educational Examiners and requires first endorsement approval (major) in another science discipline or general science.

Required:

Introductory track:		15
BIOL 2051 (840:051)	General Biology: Organismal Diversity	
BIOL 2052 (840:052)	General Biology: Cell Structure and Function	
BIOL 3100 (840:100)	Evolution, Ecology and the Nature of Science *	
BIOL 3140 (840:140)	Genetics *	
Chemistry and Biochemistry:		8

CHEM 1110 (860:044) & CHEM 1120 (860:048)	General Chemistry I and General Chemistry II **	
Methods:		
Science and Science Education:		5
SCI ED 3200 (820:196)	Current Technologies in Science Teaching	
SCI ED 3300/5300 (820:190g)	Orientation to Science Teaching	
Biology:		3
BIOL 4193/5193 (840:193g)	Methods for Teaching Life Science	
Total Hours		31

*   BIOL 3100 (840:100) Evolution, Ecology and the Nature of Science and BIOL 3140 (840:140) Genetics are not required as prerequisites for 100/3000-level courses.

**   Students with excellent preparation in chemistry may substitute *CHEM 1130 (860:070) General Chemistry I-II* plus 3 additional credit hours of biology electives for CHEM 1110 (860:044) General Chemistry I and CHEM 1120 (860:048) General Chemistry II.

Master of Science Degree Program
Major in Biology

This major is available for students seeking an extensive research experience. Students interested in enrolling in the program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Biology for any other application requirements. Applications should include three recommendations and transcripts of undergraduate and graduate credits. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission.*

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **thesis** option only. A **minimum of 32 semester hours** is required, including a minimum of 21 hours of normal course work and a maximum of 9 hours of thesis research. **A minimum of 18 hours of 200/6000-level course work is required.**

Students are required to pass an oral comprehensive examination in defense of their final thesis.

This program is flexible and designed to allow students, working with their advisory committee, to tailor a program to fit student interests and aspirations in biology.

Required:

200/6000-level Biology courses:	6
Take one course in at least two of the content areas (prerequisites vary) **	
Biology:	5

BIOL 6202 (840:202)	Graduate Colloquium (1 hr. each semester for four semesters)	
BIOL 6292 (840:292)	Research Methods in Biology (1 hr.)	
Research:		9
BIOL 6299 (840:299)	Research	
Electives: *		12
Total Hours		32

*   100g/5000-level or above, excluding BIOL 6299 (840:299) Research.

**   Content Areas:
I. BIOL 6240 (840:240) Advanced Cellular and Molecular Biology
II. BIOL 6250 (840:250) Advanced Physiology and Development
III. BIOL 6260 (840:260) Advanced Ecology
IV. BIOL 6270 (840:270) Advanced Systematics and Evolutionary Biology

Professional Science Master's Degree Programs

Major in Biotechnology

This P.S.M. degree prepares students for career opportunities in biotechnology-related businesses and industries. Emphasis is placed on combining molecular and genetic engineering skills with an understanding of business and the degree includes an internship experience. Admission is restricted to students with a GPA of 3.00 or higher and a B.A. or B.S. in Biotechnology, Biology, Biochemistry or a related discipline. Students must have taken an Introductory General Biology sequence, Genetics and one or more courses in Molecular Biology or equivalents to be considered.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Biology for any other application requirements. Graduate information and application for graduate admission can be found at www.grad.uni.edu/admission.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **non-thesis** option only. A **minimum of 30 semester hours** is required. **A minimum of 12 semester hours of 200/6000-level course work is required.**

SUSPENDING PROGRAM. NO ADMITS HAVE BEEN ACCEPTED SINCE FALL 2014.

Required:

Biology:		
BIOL 4153/5153 (840:153g)	Recombinant DNA Techniques	4

BIOL 6215	Advanced Molecular Cloning	3
BIOL 6240 (840:240)	Advanced Cellular and Molecular Biology	3
BIOL 6280 (840:280)	Advanced Analytical Techniques	2
Science and Science Education:		5-7
PSM 6289 (820:289)	Professional Science Master's Seminar (1 hr.)	
PSM 6950 (820:295)	Professional Science Master's Internship (4-6 hrs.)	
Business and Marketing:		
Business fundamentals course (approved by advisor)		3
MKTG 3586/5586 (130:175g)	Entrepreneurial Strategy	3
Electives (must be 100g/5000-level or above):		5-7
Select from the following or other graduate level courses as approved by advisor:		

Biology:		
BIOL 4121/5121 (840:121g)	Plant Biotechnology	
BIOL 4122/5122 (840:122g)	Plant Physiology	
BIOL 4127/5127 (840:127g)	Bioinformatics Applications for Biology	
BIOL 4128/5128 (840:128g)	Cell Biology	
BIOL 4129/5129 (840:129g)	Genomics and Proteomics	
BIOL 4144/5144 (840:144g)	Virology	
BIOL 4146/5146 (840:146g)	Developmental Biology of Animals	
BIOL 4150/5150 (840:150g)	Immunology	
BIOL 4157/5157 (840:157g)	Biostatistics	
or STAT 3771/5771 (800:121g)	Applied Statistical Methods for Research	
BIOL 6299 (840:299)	Research (1-2 hrs.)	
Chemistry and Biochemistry:		
CHEM 4510/5510 (860:154g)	Biochemistry I	
CHEM 4520/5520 (860:155g)	Biochemistry II	
CHEM 4530/5530 (860:156g)	Biochemistry Laboratory	
Total Hours 30		

Major in Ecosystem Management

This P.S.M. degree prepares students for career opportunities in conservation and restoration-related businesses, government agencies, and nonprofit organizations. Emphasis is placed on blending ecosystem analysis, management and restoration skills with an understanding of conservation policy, and the degree includes a

team project and an internship experience. Admission is restricted to students with a GPA of 3.00 or higher and a B.A. or B.S. in Biology, Ecology or related field. Majors in Agriculture, Geography and other related applied disciplines must take or have taken an introductory biology sequence to be considered.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Biology for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **non-thesis** option only. A **minimum of 30 semester hours** is required. **A minimum of 15 semester hours of 200/6000-level course work is required.**

SUSPENDING PROGRAM. NO ADMITS HAVE BEEN ACCEPTED SINCE FALL 2014.

Required:

Biology:

BIOL 4108/5108	Biodiversity Conservation Policy	3
BIOL 4166/5166 (840:166g)	Plant Systematics	4
BIOL 4180/5180 (840:180g)	Restoration Ecology	4
BIOL 6260 (840:260)	Advanced Ecology	3

Science and Science Education:

PSM 6100 (820:209)	Business Management for Science Professionals	3
PSM 6300 (820:215)	Team-Based Problem Solving	3
PSM 6289 (820:289)	Professional Science Master's Seminar	2
PSM 6950 (820:295)	Professional Science Master's Internship	4
Electives (must be 100g/5000-level or above):		4

Select from the following or other graduate level courses as approved by advisor.

Biology:

BIOL 4105/5105 (840:105g)	Wildlife Ecology and Management	
BIOL 4131/5131 (840:131g)	Animal Behavior	
BIOL 4142/5142 (840:142g)	Evolutionary Biology	
BIOL 4154/5154 (840:154g)	Aquatic Ecology	
BIOL 4157/5157 (840:157g)	Biostatistics	
or STAT 3771/5771 (800:121g)	Applied Statistical Methods for Research	

BIOL 4164/5164 (840:164g)	Mammalogy	
BIOL 4167/5167 (840:167g)	Conservation Biology	

Earth Science:

EARTHSCI 3330/5330 (870:141g)	Geomorphology	
EARTHSCI 3350/5350 (870:173g)	Environmental Hydrology	
EARTHSCI 3355/5355 (870:175g)	Hydrogeology	

Geography:

GEOG 4220/5220 (970:126g)	Soils and Landscapes	
GEOG 4230/5230 (970:129g)	Rivers	
GEOG 4350/5350 (970:175g)	Global Positioning System Field Survey Methods	

Iowa Lakeside Laboratory: [**]

IA LL 3103/5103 (890:103g)	Aquatic Ecology	
IA LL 3121/5121 (890:121g)	Plant Ecology	
IA LL 3122/5122 (890:122g)	Prairie Ecology	
IA LL 3124/5124 (890:124g)	Wetland Ecology	
IA LL 3126/5126 (890:126g)	Ornithology	
IA LL 3142/5142 (890:142g)	Watershed Hydrology and Surficial Processes	
IA LL 3175/5175 (890:175g)	Soil Genesis and Landscape Relationships	

Total Hours 30

[**]   Students can take no more than 4 credit hours of Iowa Lakeside Laboratory (IA LL/890) courses.

Department of Chemistry and Biochemistry

(College of Humanities, Arts and Sciences)

www.chem.uni.edu/

The Department of Chemistry and Biochemistry offers the following undergraduate and graduate programs. Specific requirements for these programs are listed within this Department of Chemistry and Biochemistry section in the following order:

Undergraduate Majors (B.S.)

- Biochemistry
- Chemistry

Undergraduate Majors (B.A.)

- Biochemistry

- Chemistry
- Chemistry-Teaching

Minors

- Chemistry

Major programs are offered by the Department of Chemistry and Biochemistry in two baccalaureate degree areas:

- the Bachelor of Science and
- the Bachelor of Arts

1. Students considering a baccalaureate chemistry major should complete two semesters of general chemistry, CHEM 1110 (860:044) and CHEM 1120 (860:048), in the freshman year. Well-prepared students may be permitted to take CHEM 1130 (860:070), an accelerated course in general chemistry, during their first semester. It is strongly recommended that chemistry majors complete requirements in mathematics and physics within the first two years.

2. Prior to enrollment in a chemistry course, all pre-requisite courses must be completed with a grade of C- or higher.

3. A student enrolled in a chemistry course during fall or spring semester and who wishes to enroll in the same course in the subsequent spring or fall semester should contact the department. The student will be allowed to register only if space remains after all advance registrations are completed.

Bachelor of Science Degree Programs

Biochemistry Major

The B.S. Biochemistry major requires a minimum of 126 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 126 hours.

The Bachelor of Science Biochemistry major is accredited by the American Chemical Society. This major prepares students for careers and/or advanced study in biochemistry. It also provides partial preparation appropriate for medical school and other health-related programs.

Required

Mathematics:		
MATH 1420 (800:060)	Calculus I [*]	4
MATH 1421 (800:061)	Calculus II	4
Biology:		
BIOL 2052 (840:052)	General Biology: Cell Structure and Function	4
BIOL 3140 (840:140)	Genetics	4
Chemistry and Biochemistry:		
CHEM 1110 (860:044) & CHEM 1120 (860:048)	General Chemistry I and General Chemistry II	5-8
or CHEM 1130 (860:070)	General Chemistry I-II	
CHEM 2110 (860:110)	Descriptive Inorganic Chemistry	4
CHEM 2210 (860:120)	Organic Chemistry I	3
CHEM 2220 (860:123)	Organic Chemistry II	3

CHEM 2230 (860:121)	Organic Chemistry Laboratory	2
CHEM 2310 (860:132)	Chromatography and Quantitative Analysis	4
CHEM 3600 (860:180)	Undergraduate Research in Chemistry	2
CHEM 4010/5010	Chemical Safety Seminar	1
CHEM 4220/5220 (860:161g)	Organic Structure Analysis	3-4
or CHEM 4310/5310 (860:137g)	Instrumental Analysis	
CHEM 4420/5420 (860:140g)	Physical Chemistry I	3
CHEM 4430/5430 (860:141g)	Physical Chemistry II	3
CHEM 4440/5440 (860:143g)	Physical Chemistry Laboratory	2
CHEM 4510/5510 (860:154g)	Biochemistry I	3
CHEM 4520/5520 (860:155g)	Biochemistry II	3
CHEM 4530/5530 (860:156g)	Biochemistry Laboratory	2
Physics:		
Select one of the following:		8
PHYSICS 1511 (880:054) & PHYSICS 1512 (880:056)	General Physics I and General Physics II	
OR		
PHYSICS 1701 (880:130) & PHYSICS 1702 (880:131)	Physics I for Science and Engineering and Physics II for Science and Engineering	
Electives [**]		3-4
One 3000-level or higher course in biology, biochemistry, or chemistry		
Total hours		71-74

[*]   Has prerequisite of satisfactory score on ALEKS exam or subsequent remediation.

[**]   Students taking the 3 hour courseCHEM 4220/5220 (860:161g) Organic Structure Analysis as an alternative to the 4 hour course CHEM 4310/5310 (860:137g) Instrumental Analysis are required to take a 4 hour elective that includes a lab component.

Chemistry Major

The B.S. Chemistry major requires a minimum of 126 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 126 hours.

The Bachelor of Science Chemistry major is accredited by the American Chemical Society. This program is recommended for students who wish to prepare for careers as professional chemists. It also provides the most complete preparation for post-graduate study in the field of chemistry.

Required

Mathematics:		
MATH 1420 (800:060)	Calculus I [*]	4
MATH 1421 (800:061)	Calculus II	4
Chemistry and Biochemistry:		
CHEM 1110 (860:044) & CHEM 1120 (860:048) or CHEM 1130 (860:070)	General Chemistry I and General Chemistry II General Chemistry I-II	5-8
CHEM 2110 (860:110)	Descriptive Inorganic Chemistry	4
CHEM 2210 (860:120)	Organic Chemistry I	3
CHEM 2220 (860:123)	Organic Chemistry II	3
CHEM 2230 (860:121)	Organic Chemistry Laboratory	2
CHEM 2310 (860:132)	Chromatography and Quantitative Analysis	4
CHEM 3600 (860:180)	Undergraduate Research in Chemistry	2
CHEM 4010/5010	Chemical Safety Seminar	1
CHEM 4110/5110 (860:145g)	Inorganic Chemistry	3
CHEM 4310/5310 (860:137g)	Instrumental Analysis	4
CHEM 4420/5420 (860:140g)	Physical Chemistry I	3
CHEM 4430/5430 (860:141g)	Physical Chemistry II	3
CHEM 4440/5440 (860:143g)	Physical Chemistry Laboratory	2
CHEM 4510/5510 (860:154g)	Biochemistry I	3
CHEM 4610/5610 (860:149g)	Advanced Synthesis Laboratory	2
Physics:		8
PHYSICS 1701 (880:130) & PHYSICS 1702 (880:131)	Physics I for Science and Engineering and Physics II for Science and Engineering	
or		
PHYSICS 1512 (880:056) & PHYSICS 1511 (880:054)	General Physics II and General Physics I	

Elective 3

A 4000-level chemistry course.

Total Hours	63-66

[*]   Has prerequisite of satisfactory score on ALEKS exam or subsequent remediation.

Notes:

1. To satisfy American Chemical Society guidelines for certification of the Chemistry major, the two hours of CHEM 3600 (860:180) Undergraduate Research required for this program must include completion of a final written report.

2. Elective courses should be chosen with the help of the major advisor. This is particularly important for students wishing to

earn a certified degree, to assure consistency with the certification guidelines of the American Chemical Society. An appropriate advanced course in another science may be substituted with department head approval.

3. Students wishing to earn a non-certified Bachelor of Science degree may omit CHEM 4110/5110 (860:145g) , CHEM 4610/5610 (860:149g) , and CHEM 4510/5510 (860:154g), but must include three additional elective hours in chemistry at the 100/4000-level or higher.

Emphasis-Honors Research

This emphasis is available to qualified students pursuing the Bachelor of Science program by invitation at the beginning of their junior year. Completion of Honors Research requires 5 credit hours in CHEM 3600 (860:180) Undergraduate Research and the writing of a senior research thesis. The research credit may be applied to the elective hours of the B.S. degree.

Bachelor of Arts Degree Programs
Biochemistry Major

The B.A. Biochemistry major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

This program provides experience in most basic areas of chemistry, with a focus on biochemistry. With appropriate choice of university electives, the B.A. Biochemistry major meets the needs of pre-medical students and students preparing for additional study in related areas such as pharmacology, medicinal chemistry, clinical chemistry, and toxicology. It is also suitable for students who wish to combine a chemistry major with a major in another discipline.

Required

Mathematics:		
MATH 1420 (800:060)	Calculus I [*]	4
Biology:		
BIOL 2052 (840:052)	General Biology: Cell Structure and Function	4
BIOL 3140 (840:140)	Genetics	4
Chemistry and Biochemistry:		
CHEM 1110 (860:044) & CHEM 1120 (860:048) or CHEM 1130 (860:070)	General Chemistry I and General Chemistry II General Chemistry I-II	5-8
CHEM 2110 (860:110) or CHEM 2310 (860:132)	Descriptive Inorganic Chemistry Chromatography and Quantitative Analysis	4
CHEM 2210 (860:120)	Organic Chemistry I	3
CHEM 2220 (860:123)	Organic Chemistry II	3
CHEM 2230 (860:121)	Organic Chemistry Laboratory	2
CHEM 4010/5010	Chemical Safety Seminar	1
CHEM 4420/5420 (860:140g)	Physical Chemistry I	3
CHEM 4510/5510 (860:154g)	Biochemistry I	3

CHEM 4520/5520 (860:155g)	Biochemistry II	3
CHEM 4530/5530 (860:156g)	Biochemistry Laboratory	2
Physics:		
PHYSICS 1511 (880:054) & PHYSICS 1512 (880:056)	General Physics I and General Physics II	8
or PHYSICS 1701 (880:130) & PHYSICS 1702 (880:131)	Physics I for Science and Engineering and Physics II for Science and Engineering	
Electives		3-4
One 3000-level or higher course in biology, biochemistry, or chemistry		
Total Hours		52-56

*   Has prerequisite of satisfactory score on ALEKS exam or subsequent remediation.

Notes:

1. To satisfy American Chemical Society guidelines for certification of the Biochemistry major, the two hours of CHEM 3600 (860:180) Undergraduate Research required for this program must include completion of a final written report.

Chemistry Major

The B.A. Chemistry major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

This program provides experience in all basic areas of chemistry. With appropriate choice of university electives, the B.A. Chemistry major meets the needs of pre-medical students and students preparing for additional study in related areas such as biochemistry, industrial hygiene, pharmacology and medicinal chemistry, clinical chemistry, and toxicology. It is also suitable for students who wish to combine a chemistry major with a major in another discipline.

Required

Mathematics:		
MATH 1420 (800:060)	Calculus I *	4
MATH 1421 (800:061)	Calculus II	4
Chemistry and Biochemistry:		
CHEM 1110 (860:044) & CHEM 1120 (860:048) or CHEM 1130 (860:070)	General Chemistry I and General Chemistry II General Chemistry I-II	5-8
CHEM 2110 (860:110)	Descriptive Inorganic Chemistry	4
CHEM 2210 (860:120)	Organic Chemistry I	3
CHEM 2220 (860:123)	Organic Chemistry II	3
CHEM 2230 (860:121)	Organic Chemistry Laboratory	2
CHEM 2310 (860:132)	Chromatography and Quantitative Analysis	4
CHEM 4010/5010	Chemical Safety Seminar	1
CHEM 4310/5310 (860:137g)	Instrumental Analysis	4

CHEM 4420/5420 (860:140g)	Physical Chemistry I	3
CHEM 4430/5430 (860:141g)	Physical Chemistry II	3
Physics:		
Select one of the following:		8
PHYSICS 1511 (880:054) & PHYSICS 1512 (880:056)	General Physics I and General Physics II	
or		
PHYSICS 1701 (880:130) & PHYSICS 1702 (880:131)	Physics I for Science and Engineering and Physics II for Science and Engineering	
Total Hours		48-51

*   Has prerequisite of satisfactory score on ALEKS exam or subsequent remediation.

Chemistry Major-Teaching

The B.A. Chemistry-Teaching major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements, and the following specified major requirements, plus electives to complete the minimum of 120 hours.

This program provides preparation for chemistry teachers with successful completion leading to recommendation for State of Iowa licensure in 5-12 Chemistry. Coursework that leads to additional endorsements is recommended and should be selected in consultation with your advisor.

Required

Mathematics:		
MATH 1420 (800:060)	Calculus I *	4
Chemistry and Biochemistry:		
CHEM 1110 (860:044) & CHEM 1120 (860:048)	General Chemistry I and General Chemistry II	8
CHEM 2040	Applied Organic and Biochemistry	4
CHEM 2110 (860:110)	Descriptive Inorganic Chemistry	4
CHEM 2310 (860:132)	Chromatography and Quantitative Analysis	4
CHEM 4010/5010	Chemical Safety Seminar	1
CHEM 4420/5420 (860:140g)	Physical Chemistry I	3
Physics:		8
Select one of the following:		
PHYSICS 1511 (880:054) & PHYSICS 1512 (880:056)	General Physics I and General Physics II	
or		
PHYSICS 1701 (880:130) & PHYSICS 1702 (880:131)	Physics I for Science and Engineering and Physics II for Science and Engineering	

Methods

Science and Science Education:

SCI ED 3200 (820:196)	Current Technologies in Science Teaching	2
SCI ED 3300/5300 (820:190g)	Orientation to Science Teaching	3
SCI ED 4700/5700 (820:193g)	Methods for Teaching Physical Science	3
Total Hours		44

* Has prerequisite of satisfactory score on ALEKS exam or subsequent remediation.

Notes:

1. Well-prepared students may substitute *CHEM 1130 (860:070)* for CHEM 1110 (860:044) and CHEM 1120 (860:048) ; these students must also substitute CHEM 2210 (860:120) and CHEM 2230 (860:121) and CHEM 2220 (860:123) for CHEM 2040.

Minors
Chemistry Minor

Required

Chemistry and Biochemistry:		5-8
CHEM 1110 (860:044) & CHEM 1120 (860:048) or CHEM 1130 (860:070)	General Chemistry I and General Chemistry II General Chemistry I-II	
Electives		14
Total Hours		19-22

Note: CHEM 1610 (860:030), CHEM 3600 (860:180), CHEM 4010/5010, CHEM 4620/5620, and other independent study and coop courses may not be applied to the Chemistry minor.

*Following are some suggested elective courses to complete the Chemistry Minor:

CHEM 2040	Applied Organic and Biochemistry
CHEM 2110 (860:110)	Descriptive Inorganic Chemistry
CHEM 2210 (860:120)	Organic Chemistry I
CHEM 2220 (860:123)	Organic Chemistry II
CHEM 2230 (860:121)	Organic Chemistry Laboratory
CHEM 2310 (860:132)	Chromatography and Quantitative Analysis
CHEM 4200/5200 (860:144g)	Introduction to Nanoscience and Nanotechnology
CHEM 4420/5420 (860:140g)	Physical Chemistry I
CHEM 4430/5430 (860:141g)	Physical Chemistry II
CHEM 4510/5510 (860:154g)	Biochemistry I

CHEM 4520/5520 (860:155g)	Biochemistry II

Department of Communication Sciences and Disorders

(College of Humanities, Arts and Sciences)

www.uni.edu/chas

The Department of Communication Sciences and Disorders offers the following undergraduate and graduate programs. Specific requirements for these programs are listed within this Department of Communication Sciences and Disorders section in the following order:

Undergraduate Major (B.A.)

• Communication Disorders

Graduate Major (M.A.)

• Speech-Language Pathology

Bachelor of Arts Degree Program
Communication Disorders Major

The Communication Disorders major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required

Communication Disorders		
CSD 1000 (51C:006)	Understanding Communication Disorders	3
CSD 3100 (51C:106)	Language Acquisition in Children: Birth to 5 Years	3
CSD 3120 (51C:111)	Phonetics in Communicative Disorders	3
CSD 3135 (51C:114)	Anatomy and Physiology of Speaking Mechanism	3
CSD 3130/5130 (51C:164g)	Neuroscience and the Study of Communication Disorders	3
CSD 3200/5200 (51C:127g)	Language of School-aged Children	3
CSD 3220 (51C:125)	Disorders of Speech Sounds	3
CSD 3250/5250 (51C:162g)	Speech Science	3
CSD 3260/5260 (51C:175g)	Hearing Science	3
CSD 3270/5270 (51C:177g)	Introduction to Audiology	3
CSD 3650 (51C:152)	Clinical Processes	2
CSD 3900/5900 (51C:180g)	Aural Rehabilitation	3
Statistical Measurement:		3
STAT 1772 (800:072)	Introduction to Statistical Methods	
Additional Requirements		
Students must select a minimum of 10 credit hours from Option 1 or Option 2		10

Option 1: Pre-professional speech-language pathology

Communication Disorders:

CSD 3140/5140	Introduction to Neurogenic Disorders
CSD 3700/5700 (51C:168g)	Communication Disorders and Differences Across the Lifespan
CSD 4150/5150	Developmental Neurology in Communication Sciences and Disorders
CSD 4500 (51C:155)	Clinical Practice

Option 2: Pre-professional audiology

Psychology:

PSYCH 2101 (400:155)	Biopsychology
PSYCH 3204/5204 (400:173g)	Psychology of Aging
PSYCH 3303/5303 (400:154g)	Health Psychology

Health Promotion and Education:

HPE 4125/5125 (410:125g)	Aging and Health

Social Work:

SW 4143 (450:143g)	Stress and Stress Management in the Helping Professions

Communication Disorders

CSD 3140/5140	Introduction to Neurogenic Disorders
CSD 3700/5700 (51C:168g)	Communication Disorders and Differences Across the Lifespan
CSD 4000/5000 (51C:197g)	Honors in Communicative Disorders
CSD 4100/5100 (51C:160g)	Augmentative Communication
CSD 4150/5150	Developmental Neurology in Communication Sciences and Disorders
CSD 4500 (51C:155)	Clinical Practice

Total Hours	48

Students must have an overall GPA of 3.00 or consent of the department head to declare a major in Communication Disorders. Declaration of the major must occur before enrollment in CSD 3650 (51C:152) and all accompanying courses in that semester's sequence. Transfers into the major must have a GPA of 3.00 to be accepted into the program. An overall GPA of 3.00 must be maintained throughout the undergraduate program or approval to continue must be obtained from the department head. Students must complete 25 clock hours of supervised clinical observation prior to beginning CSD 4500 (51C:155).

Students must receive a grade of B- or better in the required core courses offered by the Department of Communication Sciences and Disorders, and in the courses taken in either option, in order to receive credit toward the major. Students must repeat any major course (other than the course in statistics) for which they receive a grade lower than a B- . Any one course may be repeated once; a second failure to meet

the required B- grade will necessitate review and consultation with the student's advisor and the department head. If a student does not attain and maintain the grade point requirement of the department, the student's Declaration of Major will be revoked and the individual referred to the Office of the Registrar as an undeclared student. All majors and all provisional majors must obtain their advisor's signature before registering for, adding, or dropping classes.

Students who plan on continuing in a graduate program in audiology or speech-language pathology, and completing professional certification requirements, are advised that they will need coursework in the biological, physical, and social/behavioral sciences. Usually, this requirement is fulfilled by courses taken in the Liberal Arts Core. However, some graduate programs specify the content for these courses (e.g., physical sciences should be physics or chemistry; social/behavioral sciences should be psychology, sociology, or anthropology).

Master of Arts Degree Program
Major in Speech-Language Pathology

The professional program in speech-language pathology is a program of both undergraduate and graduate courses leading to a Master of Arts degree. The program is designed to prepare students for careers as speech-language pathologists providing remedial services to the speech, language, and hearing disabled in a wide variety of settings including schools, hospitals, clinics, and care centers for the elderly.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Communication Sciences and Disorders for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **thesis** and **non-thesis** options. A **minimum of 51 semester hours** is required for **both options**. A minimum of 6 hours of CSD 6299 (51C:299) is required for the thesis option. **A minimum of 47 semester hours of 200/6000-level course work is required.**

Students may select the thesis or non-thesis option upon consultation with their graduate advisor. In the Department of Communication Sciences and Disorders, all students must have the signature of their advisor for registration for classes, including all adds and drops. Students who are suspended by the Graduate College may not enroll for major courses within this department.

All students must abide by the policies and procedures found in the Graduate Student Handbook, which is published by, and available in, the department.

The student, in consultation with the advisor, must choose courses designed to meet the standards of the Council on Academic Accreditation of the American Speech-Language-Hearing Association academic requirements for the Certificate of Clinical Competence.

List of Programs by Department

Recommendation for clinical certification will be given only upon successful completion of all academic and clinical requirements.

The student must complete a minimum of 400 clock hours of which 25 are observation and 375 are in direct patient contact in the supervised clinical practicum; at least 325 of the 400 clock hours must be at the graduate level. Certificates in specialty areas will be awarded to students who complete the core and a minimum of 6 additional hours in one of two areas of emphasis. Students should consult with their advisor concerning the specialty certificates.

Based on satisfactory completion of an undergraduate degree in Communication Disorders or the equivalent, course work, clinical assignments, and the internship experience will ordinarily take four semesters and one summer.

Students seeking endorsement #237 by the Iowa Department of Education typically complete course requirements as undergraduates, including SOCFOUND 3119 (260:119) Schools and American Society and TEACHING 4170/5170 (280:170g) Human Relations: Awareness and Application, as well as additional hours of specified major courses and course work in professional education. To complete the requirements for an endorsement, graduate students enroll in TEACHING 6250 (280:250) Advanced Laboratory Practice during their internship semester. Graduate students who need to complete course requirements for endorsement #237 should consult with their major academic advisor.

Requirements for certification and licensure include both graduate and undergraduate courses considered essential to certification and the master's degree. Asterisked (*) courses will normally have been completed at the undergraduate level; if not, the student and departmental graduate academic advisor will determine how such incomplete requirements will be met. Students must complete 25 clock hours of supervised clinical observation prior to beginning clinical practice.

Students are expected to earn grades of B- or better in CSD 6560 Diagnostics in Communication Disorders and CSD 6660 Advanced Diagnostics in Communication Disorders and each of the seven required credits of CSD 6500 (51S:255) Advanced Clinical Practice: Full Semester/CSD 6510 Advanced Clinical Practice: 8 Week. Students who do not earn a B- grade will be required to meet with the clinic director and department head for review and consultation. Students who demonstrate significant difficulties in the clinical courses, such as failing to meet the B- requirement, may be asked to take an additional semester of either CSD 6500 (51S:255) Advanced Clinical Practice: Full Semester or CSD 6660 Advanced Diagnostics in Communication Disorders.

To meet the requirements for professional certification and licensure, students must attend professional issues lectures and demonstrations addressing topics such as professional ethics, medical and school practices, resumes/interviewing, the PRAXIS examination, professional certification and licensure, etc. Completion of this requirement will be tracked via the CALIPSO system.

Communication Disorders courses typically completed as an undergraduate:

CSD 3100 (51C:106)	Language Acquisition in Children: Birth to 5 Years	3
CSD 3120 (51C:111)	Phonetics in Communicative Disorders	3
CSD 3135 (51C:114)	Anatomy and Physiology of Speaking Mechanism	3
CSD 3200/5200 (51C:127g)	Language of School-aged Children	3
CSD 3220 (51C:125)	Disorders of Speech Sounds	3
CSD 3250/5250 (51C:162g)	Speech Science	3
CSD 3260/5260 (51C:175g)	Hearing Science	3
CSD 3270/5270 (51C:177g)	Introduction to Audiology	3
CSD 3650 (51C:152)	Clinical Processes	2
CSD 3700/5700 (51C:168g)	Communication Disorders and Differences Across the Lifespan	3
CSD 3900/5900 (51C:180g)	Aural Rehabilitation	3
CSD 4500 (51C:155)	Clinical Practice	1

Speech Language Pathology core (as a graduate student):

Required

CSD 6000 (51C:200)	Research Methods in Speech-Language Pathology and Audiology	2
CSD 6300 (51S:222)	Treatment of Child Language Disorders	3
CSD 6400 (51S:226)	Disorders of Voice	3
CSD 6450 (51S:230)	Motor Speech Disorders	2
CSD 6500 (51S:255)	Advanced Clinical Practice: Full Semester (Repeated for 6 hrs. required)	6
CSD 6510	Advanced Clinical Practice: 8 Week	1
CSD 6560	Diagnostics in Communication Disorders	2
CSD 6600 (51S:229)	Dysphagia	2
CSD 6650 (51S:228)	Aphasia and Related Disorders	3
CSD 6230	Structural Disorders - Craniofacial and Head & Neck Cancer	3
CSD 6289 (51S:289)	Seminar in Speech-Language Pathology	2
CSD 6660	Advanced Diagnostics in Communication Disorders	2
CSD 6700 (51S:232)	Clinical Phonology	3
CSD 6800	Fluency Disorders	2

To obtain required content in cognitive disorders, students must take one of the following seminar topics: Acquired Cognitive Disorders or Degenerative Diseases.

Research:

CSD 6299 (51C:299)	Research	2 or 6
Thesis Option (6 hrs.)		
Non-thesis Option (2 hrs.)		

Internship:		9-14
CSD 6580 (51C:257)	Internship in Clinical Settings (4 hrs. if combined with TEACHING 6250; otherwise 9 hours)	9

and/or		
TEACHING 6250 (280:250)	Advanced Laboratory Practice (10 hrs.)	
Electives		0 or 4
Non-thesis option (4 hrs.)		
Minimum 4 credits in addition to required CSD 6289 (51S:289) seminar for non-thesis option; no additional electives required for thesis option; courses as approved by the graduate advisor.		
Total hours non-thesis		51-56
Total hours thesis		51-56

Department of Communication Studies

(College of Humanities, Arts and Sciences)

www.uni.edu/commstudies

The Department of Communication Studies offers the following undergraduate and graduate programs and program certificates.
  Specific requirements for these programs are listed within this Department of Communication Studies section in the following order:

Undergraduate Majors (B.A.)

- Communication (Liberal Arts)
- Communication-Theatre-Teaching (also listed in Department of Theatre)
- Communication/Electronic Media
- Communication/Public Relations
- Interactive Digital Studies
- Political Communication (also listed in Department of Political Science)

Minors

- Business Communication (also listed in Department of Marketing)
- Communication Studies (Liberal Arts)
- Communication-Theatre-Teaching (also listed in Department of Theatre)
- Communication/Digital Journalism (Liberal Arts)
- Communication/Public Relations
- Interactive Digital Studies

Graduate Major (M.A.)

- Communication Studies

Note: Students majoring in Public Relations must achieve a minimum grade of C (2.00) in all courses to be applied toward departmental majors or minors. To graduate with a major in Communication (Liberal Arts), a student must earn a cumulative GPA of 2.50.

Advisory Statement: Requirements of a Communication Studies major or minor may also be used to meet the requirements of another major or minor; but electives may not be counted toward both.

Enrollment Management Policy

This policy applies to the following: Communication Liberal Arts Major, Communication/Public Relations Major, Communication/Electronic Media Major, Interactive Digital Studies Major, Political Communication Major, Communication Liberal Arts Minor, Business Communication Minor, Communication/Digital Journalism Minor, Communication/Public Relations Minor, and Interactive Digital Studies Minor.

Majors

1. Students may indicate their interest in majoring in a communication program any time after their admission to UNI. Formal indication of interest shall be made via the Declaration of Curriculum form at which time the student will be considered a pre-major and will be assigned an advisor. (For freshmen, this shall be the UNI Academic Advising Office.)

2. A student's freshman year shall be devoted primarily to course work in the Liberal Arts Core. The Liberal Arts Core load shall include COMM 1000 (48C:001) (Oral Communication) and ENGLISH 1005 (620:005) or *ENGLISH 2015 (620:015)* or *ENGLISH 2120 (620:034)* . **First-year students may alternately complete Cornerstone (UNIV 1000 and UNIV 1010), which fulfills the requirement for COMM 1000 and ENGLISH 1005 or its alternatives.** Major course work shall be limited to courses as recommended by her/his freshman advisor and program policy.

3. By the end of the fall term of a student's sophomore year, pre-majors shall have completed a course major component as designated by the advisor and program policy.

4. The following criteria shall be used for determination of admission:
    - a. 2.70 cumulative GPA in at least 24 hours of course work (to include COMM 1000 (48C:001) Oral Communication and ENGLISH 1005 (620:005) or ENGLISH 2015 (620:015) or *ENGLISH 2120 (620:034)* or **the Cornerstone equivalent for both courses (UNIV 1000 and UNIV 1010).**

    - b. 2.70 average GPA in the designated major component for Communication - Liberal Arts majors (except Political Communication), and a 2.70 average GPA in the designated major component for Public Relations, Electronic Media, and Interactive Digital Studies majors.

    - c. Upon satisfaction of the admission requirements (a and b above), a student shall be converted to major status after the student files a Declaration of Curriculum which will then be processed. The student shall be notified of her/his admission.

    - d. Students admitted to a major shall be able to continue course work toward their major.

    - e. Students unable to satisfy the admission requirements and consequently denied admission shall be notified in writing.

5. Transfer students entering UNI with an associate arts (A.A.) degree shall be admitted to major status if their cumulative GPA is 2.70 or better, and upon the condition that the requirements of both COMM 1000 (48C:001) (Oral Communication) and *ENGLISH 1005 (620:005)* or *ENGLISH 2015 (620:015)* or *ENGLISH 2120 (620:034)* were satisfied.

6. Transfer students entering UNI without an A.A. degree shall be subject to the admissions standards requirements of students beginning their higher education studies at UNI, i.e. #4.

Designated Course Components

1. Public Relations: COMM COR 1010 (48J:002) , COMM PR 1811 (48P:005) .

2. Digital Media: COMM COR 1010 (48J:002) , COMM DM 1651

3. Communication-Liberal Arts: COMM 1000 (48C:001), and ENGLISH 1005 (620:005) or equivalent or both UNIV 1000 and UNIV 1010; COMM 2011 (48C:002); COMM 2344 (48C:004) or COMM 1205 (48C:031); COMM COR 2020 (48C:080).

4. Political Communication: none.

5. Interactive Digital Studies: COMM COR 1010 (48J:002) and COMM 2555 (48C:025).

Minors

Admission to any Communication Minor (Liberal Arts, Business Communication, Digital Journalism or Public Relations) or Interactive Digital Studies Minor requires a 2.70 cumulative GPA in at least 24 hours of course work to include COMM 1000 (48C:001) Oral Communication and ENGLISH 1005 (620:005) or ENGLISH 2015 (620:015) or *ENGLISH 2120 (620:034)* or both UNIV 1000 and UNIV 1010. (Also, see 4c above.)

Bachelor of Arts Degree Programs
Communication Major (Liberal Arts)

The Communication (Liberal Arts) major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required

COMM 1000 (48C:001)	Oral Communication	3
COMM 2011 (48C:002)	Exploring Communication Studies	1
COMM 2256 (48C:011)	Performing Texts	3
or COMM 2255 (48C:071)	Public Speaking	
or COMM 2257 (48C:074)	Argumentation and Debate	
COMM 2344 (48C:004)	Interpersonal Communication	3
or COMM 1205 (48C:031)	Group Communication Skills	
COMM 2555 (48C:025)	Interactive Digital Communication	3
COMM 4155/5155 (48C:135g)	Organizational Communication Assessment *	3
or COMM 4021/5021 (48C:180g)	Quantitative Research Methods	
or COMM 4022/5022 (48C:183g)	Qualitative Research Methods	
or COMM 4023/5023 (48C:189g)	Rhetorical Communication Research Methods	
COMM 4444/5444 (48C:155g)	Communication, Community, and Change	3
or COMM 3156	Leadership Communication and Citizenship	
or COMM 4211/5211 (48C:123g)	Rhetoric and Civic Culture	
COMM COR 1010 (48J:002)	Mass Communication and Society	3
COMM COR 2020 (48C:080)	Communication Research Methods	3
COMM COR 4124 (48C:124)	Communication Theories	3

Electives		9

Select three from the following Theories and Concepts courses:

COMM 3000/5000 (48C:166g)	Selected Topics in Communication	
COMM 3055 (48C:132)	Organizational Communication	
COMM 3455 (48C:146)	Performing Stories, Narratives, and Identity	
COMM 4111/5111 (48C:131g)	Group Communication Theory and Analysis	
COMM 4116/5116 (48C:138g)	Health Communication	
COMM 4134/5134 (48C:134g)	Organizational Cultures and Communication *	
COMM 4216/5216 (48C:160g)	Political Communication	
COMM 4217/5217 (48C:176g)	Freedom of Speech	
COMM 4218 (48C:178)	Persuasion	
COMM 4236/CAP 3128 (CAP:128)	Ethics in Communication	
COMM 4311/5311 (48C:121g)	Nonverbal Communication	
COMM 4316/5316 (48C:136g)	Mediation Theory and Process *	
COMM 4322/5322 (48C:144g)	Advanced Interpersonal Communication *	
COMM 4333/5333 (48C:148g)	Communication and Conflict Management *	
COMM 4344/5344 (48C:151g)	Intercultural Communication	
COMM 4346/5346 (48C:153g)	Gender Issues in Communication	
COMM 4347/5347 (48C:142g)	Family Communication *	
COMM 4411/5411 (48C:122g)	Language and Communication	
COMM 4446/5446 (48C:113g)	Social Protest: Performance and Rhetoric	
COMM 4447/5447 (48C:108g)	Performance and Social Change	
COMM 4448/5448 (48C:110g)	Cultural Performance	
COMM 4544/5544 (48C:120g)	Digital Culture and Communication	

COMM 4909/5909 (48C:119g)	Readings in Performance Studies *	
Electives from departmental classes		9
Total Hours		46

*   *These courses have additional prerequisites as follows: COMM 4155/5155 (48C:135g) has prerequisite of COMM 3055 (48C:132).
COMM 4909/5909 (48C:119g) has prerequisites of COMM 2256 (48C:011); COMM 4447/5447 (48C:108g) or COMM 4448/5448 (48C:110g).
COMM 4134/5134 (48C:134g) has prerequisites of MGMT 3153 (150:153) or COMM 3055 (48C:132).
COMM 4316/5316 (48C:136g), COMM 4347/5347 (48C:142g), COMM 4322/5322 (48C:144g), and COMM 4333/5333 (48C:148g) have prerequisite of COMM 2344 (48C:004)

Communication-Theatre-Teaching Major

The Communication-Theatre-Teaching major requires a minimum of 121 total hours to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements, and the following specified major requirements to complete the minimum of 121 hours.

The teaching major in communication and theatre is offered jointly by the Departments of Communication Studies and Theatre.

Required

Communication:		
COMM 2256 (48C:011)	Performing Texts	3
COMM 2257 (48C:074)	Argumentation and Debate	3
COMM 2344 (48C:004)	Interpersonal Communication	3
COMM 2555 (48C:025)	Interactive Digital Communication	3
COMM 4355/5355 (48C:141g)	Listening	3
COMM 4559/5559 (48C:187g)	Methods of Teaching Speech	3
COMM DM 1611	Media Literacy	3
Theatre:		
COMM 2455 (48C:015)	Skills for Making Performance ^	3
OR		
THEATRE 1010 (490:010)	Foundations of Theatre (THEATRE 1010 is a co-requisite with THEATRE 1011)	
THEATRE 1012 (490:015)	Stagecraft: Scenery/Lights *	3
THEATRE 1030 (490:024)	Acting *	3
THEATRE 3020 (490:138)	Playscript Analysis and Interpretation *	3
THEATRE 3070 (490:136)	History of the Theatre II	3
THEATRE 3115 (490:109)	Methods of Teaching Drama and Theatre	3
THEATRE 3160 (490:161)	Directing	3
Applied Activity Option: **		

Select 3 of the following:		3
COMM 1940 (48C:091) & COMM 3940 (48C:191)	Applied Forensics and Advanced Applied Forensics (each course is 1 hr.) **	
COMM 1941 (48C:093) & COMM 3941 (48C:193)	Applied Performance Studies and Advanced Applied Performance Studies (each course is 1-2 hrs.) **	
THEATRE 1011 (490:011)	Foundations of Theatre Lab (1 hr.) This course is a co-requisite for THEATRE 1010	
THEATRE 2050 (490:050)	Theatre Practicum (1 hr.) **	
Electives		
Select one of the following:		3
COMM 2255 (48C:071)	Public Speaking (3 hrs.)	
COMM 2456	Performance of Popular Culture (3 hrs.)	
COMM 4218 (48C:178)	Persuasion (3 hrs.)	
COMM 4322/5322 (48C:144g)	Advanced Interpersonal Communication (3 hrs.)	
COMM 4411/5411 (48C:122g)	Language and Communication (3 hrs.)	
COMM 4447/5447 (48C:108g)	Performance and Social Change (3 hrs.)	
COMM 4448/5448 (48C:110g)	Cultural Performance (3 hrs.)	
COMM COR 1010 (48J:002)	Mass Communication and Society (3 hrs.)	
COMM DM 1651	Digital Media Production I	
COMM PR 1811 (48P:005)	Principles of Public Relations (3 hrs.)	
THEATRE 1020 (490:020)	Introduction to Reading Playscripts (3 hrs.)	
THEATRE 3000 (490:101)	Creative Drama (3 hrs.)	
THEATRE 3050/5050 (490:151g)	Theatre Production (1-4 hrs.)	
THEATRE 3080/5080 (490:137g)	Advanced Theatre Studies (3 hrs.)	
THEATRE 3180/5180 (490:155g)	Theatre Management (3 hrs.)	
Total Hours		48

Other courses are available consult with your advisor.

*   These three courses may be taken in any sequence; all prerequisites for THEATRE 3160 (490:161).

**   Students may take any combination of the three Applied Activity courses. Any of the courses can be repeated up to three times. Activities for Communication-Theatre majors include UNI Theatre, UNI Interpreters Theatre, Sturgis Youth Theatre, SAVE (Students Advocating for Voices and Equality) Forum Actors, and UNI Forensics.

For the LAC Category Fine Arts requirement (Category 3A) we recommend that Communication-Theatre Education majors take THEATRE 1002 (490:002) The Theatrical Arts and Society (3 hours).
For the LAC Capstone Experience (Category 6), we recommend that Communication-Theatre Education majors take THEATRE 3100 (490:106) /CAP 3106 (CAP:106) Theatre in Education (3 hours).

Communication/Electronic Media Major

The Communication/Electronic Media major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

There are three major emphases in Communication/Electronic Media: Digital Journalism, Digital Media Leadership, and Digital Media Production.

Required

Communication:		
COMM COR 1010 (48J:002)	Mass Communication and Society	3
COMM COR 2020 (48C:080)	Communication Research Methods	3
COMM COR 4124 (48C:124)	Communication Theories	3
Digital Media:		
COMM DM 1650	Digital Media Seminar	1
COMM DM 1651	Digital Media Production I	3
COMM DM 1652	Writing for Digital Media	3
COMM DM 3179 or COMM DM 3900	Cooperative Education Internship in Digital Media	3
COMM DM 4632	Senior Seminar in Digital Media	3
Select one of the following three emphases:		27
Total Hours		49

Emphasis 1: Digital Journalism

Required

Communication:		
COMM 2555 (48C:025)	Interactive Digital Communication	3
Digital Media:		
COMM DM 1755	Reporting Methodologies and Sources	3
COMM DM 2755	News Writing for Media	3
COMM DM 3756	Editing and Design	3
COMM DM 4735/5735	Advanced Reporting	3
COMM DM 4743/5743	Journalism and Law	3
Electives (Select 9 hours from the following):		9
Digital Media:		
COMM DM 3651	Advanced Digital Media Production: Live Studio [*]	
COMM DM 3652	Advanced Digital Media Production: Documentary [*]	
COMM DM 3755	Digital Journalism	
COMM DM 3959	Advanced Applied Digital Journalism	
COMM DM 4651	Digital Media Practicum: (Topic)	
COMM DM 4711/5711	History of Mass Communication	
COMM DM 4715	Photojournalism	
COMM DM 4754/5754	Global Mass Communication Systems	
COMM DM 4765/5765	Feature Writing	
Communication:		
COMM 4556/5556	Interactive Digital Visualization	

Emphasis 2: Digital Media Leadership

Required

Digital Media:		
COMM DM 3656	Digital Media Industries	3
COMM DM 3657	Promotion of Digital Media	3
COMM DM 4622/5622	Digital Media Audiences	3
COMM DM 4631/5631	Digital Media Law	3
COMM DM 4653/5653	Digital Media Distribution	3
COMM DM 4654/5654	Digital Media Management	3
Economics (3 hours chosen from the following):		3
ECON 1031 (920:024)	Introduction to Economics	
ECON 1041 (920:053)	Principles of Macroeconomics	
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing [*]	3
and one of the following courses:		3
MGMT 3153 (150:153)	Organizational Management	
MKTG 3113/5113 (130:106g)	Consumer Behavior [*]	
MKTG 3143 (130:150)	Advertising and Promotion [*]	
MKTG 3146 (130:160)	Digital Advertising [*]	
MKTG 3583/5583 (130:170g)	Entrepreneurship	

Emphasis 3: Digital Media Production

Required

Digital Media:		
COMM DM 2651	Digital Media Production II	3
COMM DM 4612/5612	Digital Media: Processes and Effects	3
COMM DM 4621/5621	Digital Media Criticism	3
COMM DM 4631/5631	Digital Media Law	3
Select 3 hours from the following:		3
COMM DM 3651	Advanced Digital Media Production: Live Studio [*]	
COMM DM 3652	Advanced Digital Media Production: Documentary [*]	

COMM DM 3653	Advanced Digital Media Production: Fiction *	
COMM DM 3654	Advanced Digital Media Production: Video Editing *	
COMM DM 3655	Advanced Digital Media Production: Audio *	
Electives (chosen from the following)		12
Art (up to 6 hours can be counted as electives):		
ART 2030 (600:025)	Graphic Design I	
ART 2070 (600:032)	Creative Photography I: Digital Photography	
ART 3035 (600:182)	Graphic Design: Motion Graphics	
Communication (up to 6 hours can be counted as electives):		
COMM 2555 (48C:025)	Interactive Digital Communication	
COMM 4447/5447 (48C:108g)	Performance and Social Change	
Computer Science (up to 6 hours can be counted as electives):		
CS 1000 (810:021)	Computing Skills and Concepts	
CS 1120 (810:056)	Media Computation	
CS 3120/5120 (810:112g)	User Interface Design	
CS 2880 (810:088)	Topics in Computing	
Digital Media:		
COMM DM 1755	Reporting Methodologies and Sources	
COMM DM 2652	Emerging Digital Media: (Topic)	
COMM DM 2755	News Writing for Media	
COMM DM 2950	Applied Digital Media	
COMM DM 3651	Advanced Digital Media Production: Live Studio *	
COMM DM 3652	Advanced Digital Media Production: Documentary *	
COMM DM 3653	Advanced Digital Media Production: Fiction *	
COMM DM 3654	Advanced Digital Media Production: Video Editing *	
COMM DM 3655	Advanced Digital Media Production: Audio *	
COMM DM 3656	Digital Media Industries	
COMM DM 3657	Promotion of Digital Media	
COMM DM 3756	Editing and Design	
COMM DM 3950	Advanced Applied Digital Media	
COMM DM 4622/5622	Digital Media Audiences	
COMM DM 4641/5641	Critical Studies in Digital Media: (Topic) *	
COMM DM 4653/5653	Digital Media Distribution	
COMM DM 4642/5642	Digital Technologies (Topic)	

COMM DM 4651	Digital Media Practicum: (Topic)
COMM DM 4652	Digital Media Projects
COMM DM 4654/5654	Digital Media Management
COMM DM 4715	Photojournalism
English (up to 6 hours can be counted as electives):	
ENGLISH 2650 (620:035)	Introduction to Film *
ENGLISH 4660/5660 (620:142g)	Film History *
Marketing (up to 6 hours can be counted as electives):	
MKTG 2110 (130:101)	Principles of Marketing *
MKTG 3143 (130:150)	Advertising and Promotion *
MKTG 3146 (130:160)	Digital Advertising

* These courses have additional prerequisites as follows: ART 3035 (600:182) has prerequisites of ART 2030 (600:025) and ART 3030 (600:125).
COMM DM 3651, COMM DM 3652, COMM DM 3653, COMM DM 3654, COMM DM 3655 all have the prerequisite of COMM DM 2651.
COMM DM 4651 and COMM DM 4652 have the prerequisite of any of the following: COMM DM 3651, COMM DM 3652, COMM DM 3653, COMM DM 3654, or COMM DM 3655.
ECON 1031 (920:024) may be used to satisfy Category 5 B of the Liberal Arts Core.
MKTG 3583/5583 (130:170g) requires prerequisite(s): BUSINESS 2010 (100:040) or ACCT 2120 (120:030) ; ACCT 2130 (120:031): prerequisite or corequisite FIN 3130/5130 (160:151g); STAT 1772 (800:072) or equivalent, and ECON 1011 (920:070); MKTG 2110 (130:101); ECON 1031 (920:024) OR ECON 1041 (920:053) and ECON 1051 (920:054); junior standing.
ENGLISH 2650 (620:035) has prerequisite of ENGLISH 1005 (620:005). ENGLISH 1005 (620:005) may be used to satisfy Category 1A of the Liberal Arts Core.
ENGLISH 4660/5660 (620:142g) has prerequisite of ENGLISH 2120 (620:034) or ENGLISH 2650 (620:035). ENGLISH 2120 (620:034) may be used to satisfy Category 1A of the Liberal Arts Core.

Communication/Public Relations Major

The Communication/Public Relations major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

The Communication/Public Relations major requires the completion of 18 hours in public relations, 15 hours in communication, 15 hours in digital journalism and 12 hours in business. (The concentration of study in business is in keeping with the specific recommendations for public relations education as outlined in *The Design for Undergraduate Public Relations Education: Report of the 1987 Commission on Undergraduate Public Relations Education*, co-sponsored by the Public Relations Division of the Association for Education in Journalism and Mass Communication, and Public Relations Society of America and the Educators Academy of PRSA.)

Required

COMM COR 1010 (48J:002)	Mass Communication and Society	3
COMM COR 2020 (48C:080)	Communication Research Methods	3
COMM COR 4124 (48C:124)	Communication Theories	3
Public Relations:		
COMM PR 1811 (48P:005)	Principles of Public Relations	3
COMM PR 3855 (48P:173)	Public Relations Writing	3
COMM PR 4811/5811 (48P:188g)	Public Relations: Cases and Studies	3
COMM PR 4822/5822 (48P:170g)	Global Public Relations	3
or COMM PR 3844/5844 (48P:184g)	Public Relations: Integrated Communications	
COMM PR 4855/5855 (48P:182g)	Public Relations Campaign Methods	3
COMM PR 3179 (48P:179)	Cooperative Education	3
or COMM PR 3900/5900 (48P:197g)	Internship in Public Relations	
Communication:		
COMM 3055 (48C:132)	Organizational Communication	3
COMM 3155 (48C:173)	Business and Professional Oral Communication	3
Digital Journalism:		
COMM DM 1755	Reporting Methodologies and Sources	3
COMM DM 2755	News Writing for Media	3
COMM DM 3756	Editing and Design	3
COMM DM 4743/5743	Journalism and Law	3
Business Courses:		
ACCT 2120 (120:030)	Principles of Financial Accounting	3
MKTG 2110 (130:101)	Principles of Marketing *	3
MKTG 3113/5113 (130:106g)	Consumer Behavior *	3
MGMT 3153 (150:153)	Organizational Management	3
Total Hours		57

* MKTG 2110 (130:101) and MKTG 3113/5113 (130:106g) have ECON 1031 (920:024) or ECON 1041 (920:053) as a prerequisite. ECON 1031 (920:024) will satisfy Category 5B of the Liberal Arts Core.

Interactive Digital Studies Major

The Interactive Digital Studies (IDS) major is interdisciplinary in nature and is under the jurisdiction of the Department of Communication Studies. The Interactive Digital Studies major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Students who are taking Interactive Digital Studies as a second major must take course emphasis areas that do not significantly overlap with the coursework of the first degree program. According to university requirements, students in a second major program must earn "not less than 32 hours of credit beyond the hours required for the degree the student chooses to declare as the first degree." Similarly, for students taking Interactive Digital Studies as a minor, we recommend that the course emphasis area for the minor does not significantly overlap with the coursework of the major degree program.

Required

Communication:		
COMM 2555 (48C:025)	Interactive Digital Communication	3
COMM 4544/5544 (48C:120g)	Digital Culture and Communication	3
COMM COR 1010 (48J:002)	Mass Communication and Society	3
University, Interdisciplinary:		
UNIV 4555	Interactive Digital Studies Practicum	3
Electives - select two bundles (emphases) from the following:		30-32
Total Hours		42-44

EMPHASES

1. Digital Visualization (15 hours)

COMM 3557	Advanced Digital Visualization: (Topic)	3
COMM 4556/5556	Interactive Digital Visualization	3
COMM DM 1611	Media Literacy	3
COMM DM 3756	Editing and Design	3
COMM DM 4715	Photojournalism	3
Total Hours		15

2. Digital Computation (17 hours)

Computer Science:		
CS 1510 (810:051)	Introduction to Computing	4
CS 1520 (810:052)	Data Structures	4
CS 2530 (810:053)	Intermediate Computing	3
CS 3110	Web Application Development	3
CS 3120/5120 (810:112g)	User Interface Design	3
Total Hours		17

3. Digital Learning (15 hours)

Instructional Technology:		
INSTTECH 1031 (240:031)	Educational Technology and Design	3
INSTTECH 4131/5131 (240:131g)	Exploring Issues and Trends in Instructional Technology	3
INSTTECH 4138/5138 (240:138g)	Understanding Visual Literacy	3
INSTTECH 4139/5139 (240:139g)	Planning and Producing Instructional Media	3

INSTTECH 4153/5153 (240:153g)	Using Digital and Social Media in Education	3
Total Hours		15

4. Digital Writing (15 hours)

English:

ENGLISH 4785/5785 (620:177g)	Applied Writing: Projects, Grants and Careers	3
ENGLISH 4025/5025 (620:163g)	Theory and Practice of Writing	3
or ENGLISH 4040/5040 (620:164g)	Digital Writing: Theory and Practice	
Select 3 from the following courses (9 units total)		9
ENGLISH 4672/5672 (620:170g)	Electronic Literature	
ENGLISH 4160/5160	Issues in Digital Humanities	
ENGLISH 4765/5765 (620:102g)	Applied Writing: Workplace Communication	
ENGLISH 4775/5775 (620:105g)	Applied Writing: Technical Communication	
Total Hours		15

5. Digital Music (15 hours)

Music Theory (required):

MUS THEO 1150 (580:015)	Aural Training I	1
MUS THEO 1300 (580:030)	Composition Class	2
MUS THEO 3220/5220 (580:122g)	Music and Technology	4
MUS THEO 3230/5230 (580:123g)	Music Technology, Advanced	4
Music Theory (select two of the following):		4
MUS THEO 1100 (580:010)	Introduction to Music Theory	
MUS THEO 1110 (580:011)	Theory I	
MUS THEO 1120 (580:012)	Theory II	
Theory class placement is determined by a diagnostic examination. Theory classes are a prerequisite for Music Technology and Music Composition courses.		
Additionally, it is recommended that students taking this bundle elect to take MUSIC 1100 (520:010) as part of their LAC courses.		
Total hours		15

6. Digital Imaging (15 hours)

Graphic Technologies:

TECH 1055 (330:055)	Graphic Communications Foundations	3
TECH 2070 (330:070)	Digital Pre-Media	3
TECH 3169 (330:169)	Digital Imaging I	3
TECH 4158/5158 (330:158g)	Graphic Communications Technical Visualization	3
or TECH 4161/5161 (330:161g)	Digital Graphic Communications	

TECH 4184/5184	Digital Imaging II	3
Total Hours		15

7. Digital Advertising (15 hours)

Economics:

ECON 1031 (920:024)	Introduction to Economics	3
or ECON 1041 (920:053)	Principles of Macroeconomics	

Marketing:

MKTG 2110 (130:101)	Principles of Marketing	3
MKTG 3143 (130:150)	Advertising and Promotion	3
MKTG 3146 (130:160)	Digital Advertising	3
MKTG 3153 (130:153)	Personal Selling	3
or MKTG 3583/5583 (130:170g)	Entrepreneurship	
or MKTG 4150	Advertising Campaign Development	
Total Hours		15

8. Digital History (15 hours)

Communication:

COMM 4412/5412	Performing History	3
COMM 4556/5556	Interactive Digital Visualization	3

History:

HIST 1010 (960:010)	Introduction to the Study of History	3
HIST 4010/5010 (960:106g)	Introduction to Public History	3
HIST 4020/5020 (960:125g)	Introduction to Museum Studies	3
Total Hours		15

Political Communication Major

The Political Communication major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required core

Communication Studes:

COMM 4211/5211 (48C:123g)	Rhetoric and Civic Culture	3
COMM 4216/5216 (48C:160g)	Political Communication	3
or POL AMER 4160/5160	Political Communication	
COMM 4444/5444 (48C:155g)	Communication, Community, and Change	3
COMM COR 1010 (48J:002)	Mass Communication and Society	3

Political Science:

POL AMER 1014 (942:014)	Introduction to American Politics [*]	3
POL AMER 3112 (942:112)	Campaigns and Elections	3
POL AMER 3150 (942:150)	Public Opinion and Voting Behavior	3

Methodology:

Select one of the following from Communication Studies/ Political Science:		3
COMM COR 2020 (48C:080)	Communication Research Methods *	
COMM 4023/5023 (48C:189g)	Rhetorical Communication Research Methods *	
POL GEN 2010 (940:010)	Analyzing Politics	
Internship in Communication Studies/Political Science:		3
COMM 3900/5900 (48C:197g)	Internship in Communication	
POL GEN 3181 (940:181)	Internship in Politics *	
Electives (choose two courses from Communication Studies and two courses from Political Science from the following list):		12
Communication Studies:		
COMM 2257 (48C:074)	Argumentation and Debate *	
COMM 3055 (48C:132)	Organizational Communication *	
COMM 4217/5217 (48C:176g)	Freedom of Speech	
COMM 4218 (48C:178)	Persuasion	
COMM 4333/5333 (48C:148g)	Communication and Conflict Management *	
COMM 4344/5344 (48C:151g)	Intercultural Communication	
COMM 4446/5446 (48C:113g)	Social Protest: Performance and Rhetoric	
COMM 4544/5544 (48C:120g)	Digital Culture and Communication	
COMM DM 1611	Media Literacy	
COMM DM 4612/5612	Digital Media: Processes and Effects	
COMM DM 4743/5743	Journalism and Law *	
COMM DM 4754/5754	Global Mass Communication Systems *	
COMM PR 1811 (48P:005)	Principles of Public Relations *	
Political Science:		
POL AMER 2131 (942:131)	American State Politics	
POL AMER 3132 (942:132)	Community Politics	
POL AMER 3134 (942:134)	Legislative Politics *	
POL AMER 3144 (942:144)	Civil Rights and Liberties	
POL AMER 3151 (942:151)	Modern Presidency *	
POL AMER 3166 (942:166)	Political Parties and Interest Groups *	
POL AMER 4143/5143 (942:143g)	Citizen Participation and Civic Engagement	

POL AMER 4177/5177 (942:177g)	Political Psychology	
POL INTL 3126 (943:126)	Human Rights	
POL INTL 3143 (943:143)	International Law	
Total Hours		39

*   *Choice of courses and subsequent prerequisites may increase the length of this program. These courses have additional prerequisites as follows:
POL AMER 1014 (942:014) satisfies Category 5B of the Liberal Arts Core.
COMM COR 2020 (48C:080), COMM 2257 (48C:074), and COMM 3055 (48C:132) have prerequisite of COMM 1000 (48C:001). COMM 1000 (48C:001) satisfies Category 1B of the Liberal Arts Core.
POL GEN 3181 (940:181) has prerequisites of POL GEN 2010 (940:010); 15 hours of Political Science, Political Communication, or Public Administration major.
COMM 4023/5023 (48C:189g) has prerequisite of COMM COR 2020 (48C:080) but will be waived for Political Communication majors.
COMM 4333/5333 (48C:148g) has a prerequisite of COMM 2344 (48C:004).
COMM DM 4612/5612 has prerequisite of COMM COR 2020 or consent of instructor.
 COMM DM 4754 has prerequisite of COMM COR 1010 (48J:002).
COMM PR 1811 (48P:005) has prerequisites of COMM 1000 (48C:001) and ENGLISH 1005 (620:005). COMM 1000 (48C:001) satisfies Category 1B of the Liberal Arts Core.
POL AMER 3134 (942:134), POL AMER 3151 (942:151), and POL AMER 3166 (942:166) have prerequisite of POL AMER 1014 (942:014). POL AMER 1014 (942:014) satisfies Category 5B of the Liberal Arts Core.

Minors

See Enrollment Management Policy for Communication minors.

Business Communication Minor

The Business Communication minor is interdisciplinary in nature and offered jointly by the College of Humanities, Arts and Sciences and the College of Business Administration. It is under the jurisdiction of the Department of Marketing and the Department of Communication Studies. The minor requires a 12-hour core plus 9 hours from one of three emphases.

Required		
Communication:		
COMM 3155 (48C:173)	Business and Professional Oral Communication	3
Communication or English:		3
COMM 2555 (48C:025)	Interactive Digital Communication	
or ENGLISH 2770 (620:077)	Introduction to Professional Writing	
Communication or Management:		3

COMM 3055 (48C:132)	Organizational Communication	
or MGMT 3153 (150:153)	Organizational Management	
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing	3
Required: 3 hours from each of three emphases below:		9
Total Hours		**21**

EMPHASES

1. Applied Writing Skills

Select one course from the following:		3
ENGLISH:		
ENGLISH 4765/5765 (620:102g)	Applied Writing: Workplace Communication	
ENGLISH 4770/5770 (620:104g)	Applied Writing: Proposals and Grants	
ENGLISH 4775/5775 (620:105g)	Applied Writing: Technical Communication	

2. Communication Skills

Select one course from the following:		3
Communication Studies:		
COMM 1205 (48C:031)	Group Communication Skills	
COMM 4316/5316 (48C:136g)	Mediation Theory and Process	
COMM 4333/5333 (48C:148g)	Communication and Conflict Management	
COMM 4355/5355 (48C:141g)	Listening	
COMM PR 1811 (48P:005)	Principles of Public Relations	

3. Business and Professional Communication Contexts and Applications

Select one of the following:		3
Communication Studies:		
COMM 4134/5134 (48C:134g)	Organizational Cultures and Communication	
COMM PR 3844/5844 (48P:184g)	Public Relations: Integrated Communications	
Marketing:		
MKTG 3143 (130:150)	Advertising and Promotion	
MKTG 3146 (130:160)	Digital Advertising	
MKTG 3153 (130:153)	Personal Selling	

Note: When declaring this minor students must:

- have a 2.70 cumulative GPA.
- have satisfactorily completed Categories 1A and 1B of the Liberal Arts Core.

Available to all UNI majors.

Communication Studies Minor (Liberal Arts)

Required

Communication:		
COMM 1000 (48C:001)	Oral Communication	3
COMM 2011 (48C:002)	Exploring Communication Studies	1
COMM 2256 (48C:011)	Performing Texts **	3
or COMM 2255 (48C:071)	Public Speaking	
or COMM 2257 (48C:074)	Argumentation and Debate	
COMM 2344 (48C:004)	Interpersonal Communication **	3
or COMM 1205 (48C:031)	Group Communication Skills	
COMM 2555 (48C:025)	Interactive Digital Communication	3
COMM COR 2020 (48C:080)	Communication Research Methods	3
Select one of the following:		3
COMM 4111/5111 (48C:131g)	Group Communication Theory and Analysis	
COMM 4211/5211 (48C:123g)	Rhetoric and Civic Culture	
COMM 4218 (48C:178)	Persuasion	
COMM 4322/5322 (48C:144g)	Advanced Interpersonal Communication *	
COMM 4411/5411 (48C:122g)	Language and Communication	
COMM COR 4124 (48C:124)	Communication Theories	
Electives in COMM courses:		**6**
Total Hours		25

Communication-Theatre-Teaching Minor

The Communication-Theatre-Teaching minor is offered jointly by the Departments of Communication Studies and Theatre.

Required

COMM 2255 (48C:071)	Public Speaking	3
COMM 2256 (48C:011)	Performing Texts	3
COMM 2257 (48C:074)	Argumentation and Debate	3
COMM DM 1611	Media Literacy	3
THEATRE 3160 (490:161)	Directing	3
COMM 4559/5559 (48C:187g)	Methods of Teaching Speech	3
or THEATRE 3115 (490:109)	Methods of Teaching Drama and Theatre	
Electives (Select 6 hours)		**6**
COMM 1940 (48C:091) & COMM 3940 (48C:191)	Applied Forensics and Advanced Applied Forensics *	
COMM 1941 (48C:093) & COMM 3941 (48C:193)	Applied Performance Studies and Advanced Applied Performance Studies *	
COMM 2455 (48C:015)	Skills for Making Performance	

THEATRE 1010 (490:010) & THEATRE 1011 (490:011)	Foundations of Theatre and Foundations of Theatre Lab [**]	
THEATRE 1030 (490:024)	Acting [**]	
THEATRE 2050 (490:050)	Theatre Practicum [*]	
Total Hours		24

[*]   Any of these courses can be repeated up to three times.

[**]   These classes must be taken before THEATRE 3160 (490:161).

Communication/Digital Journalism Minor (Liberal Arts)

Required

Communication:		
COMM COR 1010 (48J:002)	Mass Communication and Society	3
Digital Media:		
COMM DM 1755	Reporting Methodologies and Sources	3
COMM DM 2755	News Writing for Media	3
COMM DM 3756	Editing and Design	3
COMM DM 4735/5735	Advanced Reporting	3
COMM DM 4743/5743	Journalism and Law	3
Electives		
Select two of the following:		6
COMM DM 3755	Digital Journalism	
COMM DM 3900	Internship in Digital Media	
COMM DM 4711/5711	History of Mass Communication	
COMM DM 4715	Photojournalism	
COMM DM 4754/5754	Global Mass Communication Systems	
COMM DM 4765/5765	Feature Writing	
Total Hours		24

Communication/Public Relations Minor

Required

Communication:		
COMM COR 4124 (48C:124)	Communication Theories	3
COMM 3055 (48C:132)	Organizational Communication	3
Digital Journalism:		
COMM DM 1755	Reporting Methodologies and Sources	3
Public Relations:		
COMM PR 1811 (48P:005)	Principles of Public Relations	3
COMM PR 3855 (48P:173)	Public Relations Writing	3
COMM PR 4855/5855 (48P:182g)	Public Relations Campaign Methods	3

Electives

Select one from the following:		3
Communication:		
COMM COR 2020 (48C:080)	Communication Research Methods	
COMM 3155 (48C:173)	Business and Professional Oral Communication	
Public Relations:		
COMM PR 3844/5844 (48P:184g)	Public Relations: Integrated Communications	
COMM PR 4811/5811 (48P:188g)	Public Relations: Cases and Studies	
COMM PR 4822/5822 (48P:170g)	Global Public Relations	
Total Hours		21

Interactive Digital Studies Minor

The Interactive Digital Studies minor is interdisciplinary in nature and is under the jurisdiction of the Department of Communication Studies. This minor requires a 9-hour core plus 15-17 hours from one of the eight emphases.

Required

Communication:		
COMM 2555 (48C:025)	Interactive Digital Communication	3
COMM 4544/5544 (48C:120g)	Digital Culture and Communication	3
COMM COR 1010 (48J:002)	Mass Communication and Society	3
Electives - select one bundle (emphasis) from the following:		15-17
Total Hours		24-26

1. Digital Visualization (15 hours)

COMM 3557	Advanced Digital Visualization: (Topic)	3
COMM 4556/5556	Interactive Digital Visualization	3
COMM DM 1611	Media Literacy	3
COMM DM 3756	Editing and Design	3
COMM DM 4715	Photojournalism	3
Total Hours		15

2. Digital Computation (15 hours)

Computer Science:		
CS 1510 (810:051)	Introduction to Computing	4
CS 1520 (810:052)	Data Structures	4
CS 2530 (810:053)	Intermediate Computing	3
CS 3110	Web Application Development	3
CS 3120/5120 (810:112g)	User Interface Design	3
Total Hours		17

3. Digital Learning (15 hours)

Instructional Technology:

INSTTECH 1031 (240:031)	Educational Technology and Design	3
INSTTECH 4131/5131 (240:131g)	Exploring Issues and Trends in Instructional Technology	3
INSTTECH 4138/5138 (240:138g)	Understanding Visual Literacy	3
INSTTECH 4139/5139 (240:139g)	Planning and Producing Instructional Media	3
INSTTECH 4153/5153 (240:153g)	Using Digital and Social Media in Education	3
Total Hours		15

4. Digital Writing (15 hours)

English:

ENGLISH 4025/5025 (620:163g)	Theory and Practice of Writing	3
or ENGLISH 4040/5040 (620:164g)	Digital Writing: Theory and Practice	
ENGLISH 4785/5785 (620:177g)	Applied Writing: Projects, Grants and Careers	3
Select 3 from the following courses (9 units total)		9
ENGLISH 4672/5672 (620:170g)	Electronic Literature	
ENGLISH 4765/5765 (620:102g)	Applied Writing: Workplace Communication	
ENGLISH 4775/5775 (620:105g)	Applied Writing: Technical Communication	
ENGLISH 4160/5160	Issues in Digital Humanities	
Total Hours		15

5. Digital Music (15 hours)

Music Theory (required):

MUS THEO 1150 (580:015)	Aural Training I	1
MUS THEO 1300 (580:030)	Composition Class	2
MUS THEO 3220/5220 (580:122g)	Music and Technology	4
MUS THEO 3230/5230 (580:123g)	Music Technology, Advanced	4
Music Theory (select two of the following):		4
MUS THEO 1100 (580:010)	Introduction to Music Theory	
MUS THEO 1110 (580:011)	Theory I	
MUS THEO 1120 (580:012)	Theory II	
Theory class placement is determined by a diagnostic examination. Theory classes are a prerequisite for Music Technology and Music Composition courses.)		

Additionally, it is recommended that students taking this bundle elect to take MUSIC 1100 (520:010) as part of their LAC courses.

		15

6. Digital Imaging (15 hours)

Graphic Technologies:

TECH 1055 (330:055)	Graphic Communications Foundations	3
TECH 2070 (330:070)	Digital Pre-Media	3
TECH 3169 (330:169)	Digital Imaging I	3
TECH 4158/5158 (330:158g)	Graphic Communications Technical Visualization	3
or TECH 4161/5161 (330:161g)	Digital Graphic Communications	
TECH 4184/5184	Digital Imaging II	3
Total Hours		15

7. Digital Advertising (15 hours)

Economics:

ECON 1031 (920:024)	Introduction to Economics	3
or ECON 1041 (920:053)	Principles of Macroeconomics	
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing	3
MKTG 3143 (130:150)	Advertising and Promotion	3
MKTG 3146 (130:160)	Digital Advertising	3
MKTG 3153 (130:153)	Personal Selling	3
or MKTG 3583/5583 (130:170g)	Entrepreneurship	
or MKTG 4150	Advertising Campaign Development	
Total Hours		15

8. Digital History (15 hours)

Communication:

COMM 4412/5412	Performing History	3
COMM 4556/5556	Interactive Digital Visualization	3
History:		
HIST 1010 (960:010)	Introduction to the Study of History	3
HIST 4010/5010 (960:106g)	Introduction to Public History	3
HIST 4020/5020 (960:125g)	Introduction to Museum Studies	3
Total Hours		15

Master of Arts Degree Program
Major in Communication Studies

Students interest in this major must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Communication Studies for any other application requirements. Detailed information on the major, including directions for procedures to follow for applying, in planning a program, and requesting assignment of an advisor, may be obtained from the Head of the Department of Communication Studies, the Director of Graduate Studies, or on the department's Web page at the following address: *www.uni.edu/commstudies/graduate-program*. Other graduate information and the application for graduate admission may be found at www.grad.uni.edu/admission.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

A student may seek a General Communication program or specialize in Communication Education, Mass Communication, Organizational Communication, Performance Studies, or Public Relations. The major is available on the **thesis** and **non-thesis** options. A **minimum of 30 semester hours** for the **thesis** option and **33 hours** for the **non-thesis** option are required. **A minimum of 18 semester hours of 200/6000-level course work is required for the thesis option,** including 6 hours of thesis credit**. A minimum of 12 semester hours of 200/6000-level course work is required for the non-thesis option.**

A student is required to successfully complete either a research project (non-thesis option) or thesis. Successful completion of a final **written** comprehensive examination is required for **both the thesis and non-thesis options.**

Of the 30 or 33 hours required:

- 20 hours of course work must be in Communication Studies (*no more than* 10 hours outside the department and/or by transfer).

- *No more than* 6 hours of independent work: readings, projects, or specialized individual instruction.

- *No more than* 3 hours of workshop credit.

Communication Education Emphasis
Non-thesis Option

Required Core

COMM 4411/5411 (48C:122g)	Language and Communication	3
COMMGRAD 6001 (48C:201,48E:201,48P:201)	Introduction to Graduate Study and Research	3
COMMGRAD 6011 (48C:224)	Communication Theory	3
COMMGRAD 6022 (48C:236)	Communication Research Methodology	3
COMMGRAD 6045 (48C:282)	Seminar in Communication Education	3
Electives (select 18 hours from the following):		18
POSTSEC 6256 (170:256)	The Two-Year College	
COMM 4111/5111 (48C:131g)	Group Communication Theory and Analysis	
COMM 4134/5134 (48C:134g)	Organizational Cultures and Communication	
COMM 4211/5211 (48C:123g)	Rhetoric and Civic Culture	
COMM 4311/5311 (48C:121g)	Nonverbal Communication	
COMM 4316/5316 (48C:136g)	Mediation Theory and Process	
COMM 4322/5322 (48C:144g)	Advanced Interpersonal Communication	

COMM 4333/5333 (48C:148g)	Communication and Conflict Management	
COMM 4344/5344 (48C:151g)	Intercultural Communication	
COMM 4346/5346 (48C:153g)	Gender Issues in Communication	
COMM 4347/5347 (48C:142g)	Family Communication	
COMM 4355/5355 (48C:141g)	Listening	
COMM 4411/5411 (48C:122g)	Language and Communication	
COMM 4544/5544 (48C:120g)	Digital Culture and Communication	
COMMGRAD 6014 (48C:251)	Critical and Cultural Studies in Communication	
COMMGRAD 6041 (48C:232)	Seminar in Organizational Communication	
COMMGRAD 6042 (48C:222)	Seminar in Communication	
COMMGRAD 6044 (48C:212)	Seminar in Performance Studies	
Total Hours		33

Thesis Option

Required Core:

COMMGRAD 6001 (48C:201,48E:201,48P:201)	Introduction to Graduate Study and Research	3
COMMGRAD 6011 (48C:224)	Communication Theory	3
COMMGRAD 6022 (48C:236)	Communication Research Methodology	3
COMMGRAD 6045 (48C:282)	Seminar in Communication Education	3
COMMGRAD 6299 (48C:299,48E:299,48P:299)	Research	6
Electives (select 12 hours from the following):		12
POSTSEC 6256 (170:256)	The Two-Year College	
COMM 4111/5111 (48C:131g)	Group Communication Theory and Analysis	
COMM 4134/5134 (48C:134g)	Organizational Cultures and Communication	
COMM 4211/5211 (48C:123g)	Rhetoric and Civic Culture	
COMM 4311/5311 (48C:121g)	Nonverbal Communication	
COMM 4316/5316 (48C:136g)	Mediation Theory and Process	
COMM 4322/5322 (48C:144g)	Advanced Interpersonal Communication	
COMM 4333/5333 (48C:148g)	Communication and Conflict Management	
COMM 4344/5344 (48C:151g)	Intercultural Communication	

COMM 4346/5346 (48C:153g)	Gender Issues in Communication	
COMM 4347/5347 (48C:142g)	Family Communication	
COMM 4355/5355 (48C:141g)	Listening	
COMM 4411/5411 (48C:122g)	Language and Communication	
COMM 4544/5544 (48C:120g)	Digital Culture and Communication	
COMMGRAD 6014 (48C:251)	Critical and Cultural Studies in Communication	
COMMGRAD 6041 (48C:232)	Seminar in Organizational Communication	
COMMGRAD 6042 (48C:222)	Seminar in Communication	
COMMGRAD 6044 (48C:212)	Seminar in Performance Studies	
Total Hours		30

General Communication Emphasis

Non-thesis Option

Required Core:		
COMMGRAD 6001 (48C:201,48E:201,48P:201)	Introduction to Graduate Study and Research	3
COMMGRAD 6011 (48C:224)	Communication Theory	3
or COMMGRAD 6016 (48E:224)	Mass Communication Theory	
COMMGRAD 6022 (48C:236)	Communication Research Methodology	3
Select one of the following 200/6000-level seminars:		3
COMMGRAD 6027 (48P:282)	Seminar in Public Relations	
COMMGRAD 6041 (48C:232)	Seminar in Organizational Communication	
COMMGRAD 6042 (48C:222)	Seminar in Communication	
COMMGRAD 6044 (48C:212)	Seminar in Performance Studies	
COMMGRAD 6045 (48C:282)	Seminar in Communication Education	
COMMGRAD 6046 (48E:222)	Seminar in Mass Communication	
Electives (select 21 hours from the following):		21
COMMGRAD 6014 (48C:251)	Critical and Cultural Studies in Communication	
COMMGRAD 6016 (48E:224)	Mass Communication Theory	
COMMGRAD 6022 (48C:236)	Communication Research Methodology (additional section/s of this besides what is required)	
COMMGRAD 6027 (48P:282)	Seminar in Public Relations	

COMMGRAD 6041 (48C:232)	Seminar in Organizational Communication	
COMMGRAD 6042 (48C:222)	Seminar in Communication	
COMMGRAD 6044 (48C:212)	Seminar in Performance Studies	
COMMGRAD 6045 (48C:282)	Seminar in Communication Education	
COMMGRAD 6046 (48E:222)	Seminar in Mass Communication	
Other 200/6000-level or 100g/5000-level (approved through MyUniverse student request)		
Total Hours		33

Thesis Option

Required Core		18
COMMGRAD 6001 (48C:201,48E:201,48P:201)	Introduction to Graduate Study and Research	
COMMGRAD 6011 (48C:224)	Communication Theory	
or COMMGRAD 6016 (48E:224)	Mass Communication Theory	
COMMGRAD 6022 (48C:236)	Communication Research Methodology	
COMMGRAD 6299 (48C:299,48E:299,48P:299)	Research (6 hrs.)	
Select one of the following 200/6000-level seminars:		
COMMGRAD 6027 (48P:282)	Seminar in Public Relations	
COMMGRAD 6042 (48C:222)	Seminar in Communication	
COMMGRAD 6041 (48C:232)	Seminar in Organizational Communication	
COMMGRAD 6044 (48C:212)	Seminar in Performance Studies	
COMMGRAD 6045 (48C:282)	Seminar in Communication Education	
COMMGRAD 6046 (48E:222)	Seminar in Mass Communication	
Electives (select 12 hours from the following):		12
COMMGRAD 6014 (48C:251)	Critical and Cultural Studies in Communication	
COMMGRAD 6016 (48E:224)	Mass Communication Theory	
COMMGRAD 6022 (48C:236)	Communication Research Methodology (additional section/s of this besides what is required.)	
COMMGRAD 6027 (48P:282)	Seminar in Public Relations *	
COMMGRAD 6041 (48C:232)	Seminar in Organizational Communication	
COMMGRAD 6042 (48C:222)	Seminar in Communication	
COMMGRAD 6044 (48C:212)	Seminar in Performance Studies	

COMMGRAD 6045 (48C:282)	Seminar in Communication Education	
COMMGRAD 6046 (48E:222)	Seminar in Mass Communication	
Other 200/6000-level or 100g/5000-level (approved by advisor and submitted through student request)		
Total Hours		**30**

* First seminar course/topic counts toward core requirement, additional course(s)/topic(s) count as electives.

Mass Communication Emphasis
Non-thesis Option

Required Core

COMMGRAD 6001 (48C:201,48E:201,48P:201)	Introduction to Graduate Study and Research	3
COMMGRAD 6016 (48E:224)	Mass Communication Theory	3
COMMGRAD 6022 (48C:236)	Communication Research Methodology	3
COMMGRAD 6046 (48E:222)	Seminar in Mass Communication	3
Electives (select 21 hours from the following):		**21**
COMMGRAD 6014 (48C:251)	Critical and Cultural Studies in Communication	
COMMGRAD 6042 (48C:222)	Seminar in Communication	
COMM DM 4612/5612	Digital Media: Processes and Effects	
COMM DM 4621/5621	Digital Media Criticism	
COMM DM 4622/5622	Digital Media Audiences	
COMM DM 4631/5631	Digital Media Law	
COMM DM 4641/5641	Critical Studies in Digital Media: (Topic)	
COMM DM 4642/5642	Digital Technologies (Topic)	
COMM DM 4654/5654	Digital Media Management	
COMMGRAD 6046 (48E:222)	Seminar in Mass Communication (first course/topic counts toward core requirement; additional course(s)/topic(s) count as electives)	
COMMGRAD 6285 (Readings)		
COMMGRAD 6286 (Studies in)		
COMM DM 4711/5711	History of Mass Communication	
COMM DM 4735/5735	Advanced Reporting	
COMM DM 4743/5743	Journalism and Law	
COMM DM 4754/5754	Global Mass Communication Systems	
COMM DM 4765/5765	Feature Writing	
COMM PR 3844/5844 (48P:184g)	Public Relations: Integrated Communications	
COMM PR 4811/5811 (48P:188g)	Public Relations: Cases and Studies	

COMM PR 4822/5822 (48P:170g)	Global Public Relations	
COMM PR 4855/5855 (48P:182g)	Public Relations Campaign Methods	
COMMGRAD 6027 (48P:282)	Seminar in Public Relations	
Total Hours		**33**

* First seminar course/topic counts toward core requirement, additional course(s)/topic(s) count as electives.

Thesis Option

Required Core

COMMGRAD 6001 (48C:201,48E:201,48P:201)	Introduction to Graduate Study and Research	3
COMMGRAD 6016 (48E:224)	Mass Communication Theory	3
COMMGRAD 6022 (48C:236)	Communication Research Methodology	3
COMMGRAD 6046 (48E:222)	Seminar in Mass Communication	3
COMMGRAD 6299 (48C:299,48E:299,48P:299)	Research (6 hrs.)	6
Select 12 hours of electives from the following: *		**12**
COMMGRAD 6014 (48C:251)	Critical and Cultural Studies in Communication	
COMMGRAD 6027 (48P:282)	Seminar in Public Relations	
COMMGRAD 6042 (48C:222)	Seminar in Communication	
COMM DM 4612/5612	Digital Media: Processes and Effects	
COMM DM 4621/5621	Digital Media Criticism	
COMM DM 4622/5622	Digital Media Audiences	
COMM DM 4631/5631	Digital Media Law	
COMM DM 4641/5641	Critical Studies in Digital Media: (Topic)	
COMM DM 4642/5642	Digital Technologies (Topic)	
COMM DM 4654/5654	Digital Media Management	
COMMGRAD 6046 (48E:222)	Seminar in Mass Communication (first course/topic counts toward core requirement; additional course(s)/topic(s) count as electives)	
COMMGRAD 6285 (Readings)		
COMMGRAD 6286 (Studies in)		
COMM DM 4711/5711	History of Mass Communication	
COMM DM 4735/5735	Advanced Reporting	
COMM DM 4743/5743	Journalism and Law	
COMM DM 4754/5754	Global Mass Communication Systems	
COMM DM 4765/5765	Feature Writing	

COMM PR 3844/5844 (48P:184g)	Public Relations: Integrated Communications	
COMM PR 4811/5811 (48P:188g)	Public Relations: Cases and Studies	
COMM PR 4822/5822 (48P:170g)	Global Public Relations	
COMM PR 4855/5855 (48P:182g)	Public Relations Campaign Methods	
Total Hours		30

*   First seminar course/topic counts toward core requirement, additional course(s)/topic(s) count as electives.

Organizational Communication Emphasis
Non-thesis Option

Required Core

COMMGRAD 6001 (48C:201,48E:201,48P:201)	Introduction to Graduate Study and Research	3
COMMGRAD 6011 (48C:224)	Communication Theory	3
or COMMGRAD 6016 (48E:224)	Mass Communication Theory	
COMMGRAD 6022 (48C:236)	Communication Research Methodology	3
COMMGRAD 6041 (48C:232)	Seminar in Organizational Communication	3
COMMGRAD 6045 (48C:282)	Seminar in Communication Education	3
Department Electives (select 15 hours from the following): *		15
COMM 4116/5116 (48C:138g)	Health Communication	
COMM 4134/5134 (48C:134g)	Organizational Cultures and Communication	
COMM 4155/5155 (48C:135g)	Organizational Communication Assessment	
COMM 4333/5333 (48C:148g)	Communication and Conflict Management	
COMM 4344/5344 (48C:151g)	Intercultural Communication	
COMM 4346/5346 (48C:153g)	Gender Issues in Communication	
COMMGRAD 6014 (48C:251)	Critical and Cultural Studies in Communication	
COMMGRAD 6027 (48P:282)	Seminar in Public Relations	
COMMGRAD 6041 (48C:232)	Seminar in Organizational Communication (first and second courses/ topics counts toward core requirement; additional course(s)/topic(s) count as electives)	
COMMGRAD 6042 (48C:222)	Seminar in Communication	
COMMGRAD 6044 (48C:212)	Seminar in Performance Studies	

COMMGRAD 6045 (48C:282)	Seminar in Communication Education (first course/ topic counts toward core requirement; additional course(s)/topic(s) count as electives)	
COMMGRAD 6046 (48E:222)	Seminar in Mass Communication	
Total Hours		30

*   First and second seminar COMMGRAD 6041 (48C:232) course/topics count toward core requirement; additional course(s)/topics count as electives.
Elective courses outside the department may also be taken with advisor approval (e.g., courses in business, education, sociology, psychology, etc.) and submitted through a student request on MyUNIverse, with no more than 6 hours taken outside the department.

Thesis Option

Required Core

COMMGRAD 6001 (48C:201,48E:201,48P:201)	Introduction to Graduate Study and Research	3
COMMGRAD 6011 (48C:224)	Communication Theory	3
or COMMGRAD 6016 (48E:224)	Mass Communication Theory	
COMMGRAD 6022 (48C:236)	Communication Research Methodology	3
COMMGRAD 6041 (48C:232)	Seminar in Organizational Communication	3
COMMGRAD 6045 (48C:282)	Seminar in Communication Education	3
COMMGRAD 6299 (48C:299,48E:299,48P:299)	Research	6
Electives (select 6 hours from the following): *		6
COMM 4116/5116 (48C:138g)	Health Communication	
COMM 4134/5134 (48C:134g)	Organizational Cultures and Communication	
COMM 4155/5155 (48C:135g)	Organizational Communication Assessment	
COMM 4333/5333 (48C:148g)	Communication and Conflict Management	
COMM 4344/5344 (48C:151g)	Intercultural Communication	
COMM 4346/5346 (48C:153g)	Gender Issues in Communication	
COMMGRAD 6014 (48C:251)	Critical and Cultural Studies in Communication	
COMMGRAD 6027 (48P:282)	Seminar in Public Relations	

COMMGRAD 6041 (48C:232)	Seminar in Organizational Communication (first and second courses/ topics counts toward core requirement; additional course(s)/topic(s) count as electives)	
COMMGRAD 6042 (48C:222)	Seminar in Communication	
COMMGRAD 6044 (48C:212)	Seminar in Performance Studies	
COMMGRAD 6045 (48C:282)	Seminar in Communication Education (first course/ topic counts toward core requirement; additional course(s)/topic(s) count as electives)	
COMMGRAD 6046 (48E:222)	Seminar in Mass Communication	
Total Hours		27

* First and second COMMGRAD 6041 (48C:232) courses/ topics count toward core requirement; additional course(s)/ topic(s) count as electives.
Elective courses outside the department may also be taken with advisor approval (e.g., courses in business, education, sociology, psychology, etc.) and submitted through a student request on MyUNIverse, with no more than 3 hours taken outside the department.

Performance Studies Emphasis

Non-thesis Option

Required Core

COMMGRAD 6001 (48C:201,48E:201,48P:201)	Introduction to Graduate Study and Research	3
COMMGRAD 6011 (48C:224)	Communication Theory	3
or COMMGRAD 6016 (48E:224)	Mass Communication Theory	
COMMGRAD 6022 (48C:236)	Communication Research Methodology	3
COMMGRAD 6044 (48C:212)	Seminar in Performance Studies	3
Electives (select 21 hours from the following): *		21
COMM 4344/5344 (48C:151g)	Intercultural Communication	
COMM 4346/5346 (48C:153g)	Gender Issues in Communication	
COMM 4411/5411 (48C:122g)	Language and Communication	
COMM 4412/5412	Performing History	
COMM 4444/5444 (48C:155g)	Communication, Community, and Change	
COMM 4446/5446 (48C:113g)	Social Protest: Performance and Rhetoric	
COMM 4447/5447 (48C:108g)	Performance and Social Change	
COMM 4448/5448 (48C:110g)	Cultural Performance	
COMM 4490/5490 (48C:117g)	Interpreters Theatre Production	
COMM 4544/5544 (48C:120g)	Digital Culture and Communication	
COMM 4909/5909 (48C:119g)	Readings in Performance Studies	
COMMGRAD 6014 (48C:251)	Critical and Cultural Studies in Communication	
COMMGRAD 6042 (48C:222)	Seminar in Communication	
COMMGRAD 6046 (48E:222)	Seminar in Mass Communication	
COMM DM 4612/5612	Digital Media: Processes and Effects	
COMM DM 4621/5621	Digital Media Criticism	
COMM DM 4622/5622	Digital Media Audiences	
COMM DM 4641/5641	Critical Studies in Digital Media: (Topic)	
COMM DM 4642/5642	Digital Technologies (Topic)	
THEATRE 3125/5125 (490:127g)	Acting Studio	
THEATRE 3180/5180 (490:155g)	Theatre Management	
THEATRE 3195/5195 (490:168g)	Playwriting	
ENGLISH 3715/5715	Craft of Poetry	
ENGLISH 3725/5725	Craft of Fiction	
ENGLISH 4740/5740 (620:174g)	Poetry Workshop	
ENGLISH 4750/5750 (620:175g)	Fiction Workshop	
Total Hours		33

* With no more than 9 hours taken outside the department.

Thesis Option:

Required Core

COMMGRAD 6001 (48C:201,48E:201,48P:201)	Introduction to Graduate Study and Research	3
COMMGRAD 6011 (48C:224)	Communication Theory	3
or COMMGRAD 6016 (48E:224)	Mass Communication Theory	
COMMGRAD 6022 (48C:236)	Communication Research Methodology	3
COMMGRAD 6044 (48C:212)	Seminar in Performance Studies	3
COMMGRAD 6299 (48C:299,48E:299,48P:299)	Research (6 hrs.)	6
Electives (select 12 hours from the following):		12
COMM 4344/5344 (48C:151g)	Intercultural Communication	

COMM 4346/5346 (48C:153g)	Gender Issues in Communication	
COMM 4411/5411 (48C:122g)	Language and Communication	
COMM 4412/5412	Performing History	
COMM 4444/5444 (48C:155g)	Communication, Community, and Change	
COMM 4446/5446 (48C:113g)	Social Protest: Performance and Rhetoric	
COMM 4447/5447 (48C:108g)	Performance and Social Change	
COMM 4448/5448 (48C:110g)	Cultural Performance	
COMM 4490/5490 (48C:117g)	Interpreters Theatre Production	
COMM 4544/5544 (48C:120g)	Digital Culture and Communication	
COMM 4909/5909 (48C:119g)	Readings in Performance Studies	
COMMGRAD 6014 (48C:251)	Critical and Cultural Studies in Communication	
COMMGRAD 6042 (48C:222)	Seminar in Communication	
COMMGRAD 6046 (48E:222)	Seminar in Mass Communication	
COMM DM 4612/5612	Digital Media: Processes and Effects	
COMM DM 4621/5621	Digital Media Criticism	
COMM DM 4622/5622	Digital Media Audiences	
COMM DM 4641/5641	Critical Studies in Digital Media: (Topic)	
COMM DM 4642/5642	Digital Technologies (Topic)	
THEATRE 3125/5125 (490:127g)	Acting Studio	
THEATRE 3180/5180 (490:155g)	Theatre Management	
THEATRE 3195/5195 (490:168g)	Playwriting	
ENGLISH 3715/5715	Craft of Poetry	
ENGLISH 3725/5725	Craft of Fiction	
ENGLISH 4740/5740 (620:174g)	Poetry Workshop	
ENGLISH 4750/5750 (620:175g)	Fiction Workshop	
Total Hours		30

*   With no more than 9 hours taken outside the department.

Public Relations Emphasis
Non-thesis Option

Required Core

COMMGRAD 6001 (48C:201,48E:201,48P:201)	Introduction to Graduate Study and Research	3
COMMGRAD 6011 (48C:224)	Communication Theory	3

or COMMGRAD 6016 (48E:224)	Mass Communication Theory	
COMMGRAD 6022 (48C:236)	Communication Research Methodology	3
COMMGRAD 6027 (48P:282)	Seminar in Public Relations	3
COMM PR 3844/5844 (48P:184g)	Public Relations: Integrated Communications	3
Electives (select 18 hours from the following):		**18**
COMMGRAD 6014 (48C:251)	Critical and Cultural Studies in Communication	
COMMGRAD 6041 (48C:232)	Seminar in Organizational Communication	
COMMGRAD 6042 (48C:222)	Seminar in Communication	
COMMGRAD 6044 (48C:212)	Seminar in Performance Studies	
COMMGRAD 6045 (48C:282)	Seminar in Communication Education	
COMMGRAD 6046 (48E:222)	Seminar in Mass Communication	
COMMGRAD 6285 (Readings)		
COMMGRAD 6286 (Studies in)		
COMM 3000/5000 (48C:166g)	Selected Topics in Communication	
COMM DM 4711/5711	History of Mass Communication	
COMM DM 4735/5735	Advanced Reporting	
COMM DM 4743/5743	Journalism and Law	
COMM DM 4754/5754	Global Mass Communication Systems	
COMM DM 4765/5765	Feature Writing	
COMM PR 4811/5811 (48P:188g)	Public Relations: Cases and Studies	
COMM PR 4822/5822 (48P:170g)	Global Public Relations	
COMM PR 4855/5855 (48P:182g)	Public Relations Campaign Methods	
Total Hours		33

*   COMMGRAD 6022 (48C:236) counts toward core requirement; additional seminar course(s)/topic(s) count as electives.

Thesis Option

Required Core

COMMGRAD 6001 (48C:201,48E:201,48P:201)	Introduction to Graduate Study and Research	3
COMMGRAD 6011 (48C:224)	Communication Theory	3
or COMMGRAD 6016 (48E:224)	Mass Communication Theory	
COMMGRAD 6022 (48C:236)	Communication Research Methodology	3
COMMGRAD 6027 (48P:282)	Seminar in Public Relations	3

COMMGRAD 6299 (48C:299,48E:299,48P:299)	Research (6 hrs.)	6
COMM PR 3844/5844 (48P:184g)	Public Relations: Integrated Communications	3
Electives (select 9 hours from the following): [*]		9
COMMGRAD 6014 (48C:251)	Critical and Cultural Studies in Communication	
COMMGRAD 6041 (48C:232)	Seminar in Organizational Communication	
COMMGRAD 6042 (48C:222)	Seminar in Communication	
COMMGRAD 6044 (48C:212)	Seminar in Performance Studies	
COMMGRAD 6046 (48E:222)	Seminar in Mass Communication ((first course/topic counts toward core requirement; additional course(s)/topic(s) count as electives))	
COMMGRAD 6285 (Readings)		
COMMGRAD 6286 (Studies in)		
COMM DM 4711/5711	History of Mass Communication	
COMM DM 4735/5735	Advanced Reporting	
COMM DM 4743/5743	Journalism and Law	
COMM DM 4754/5754	Global Mass Communication Systems	
COMM DM 4765/5765	Feature Writing	
COMM PR 4811/5811 (48P:188g)	Public Relations: Cases and Studies	
COMM PR 4822/5822 (48P:170g)	Global Public Relations	
COMM PR 4855/5855 (48P:182g)	Public Relations Campaign Methods	
Total Hours		30

[*]   COMMGRAD 6027 (48P:282) counts toward core requirement; additional seminar course(s)/topic(s) count as electives.

Department of Computer Science

(College of Humanities, Arts and Sciences)

www.cs.uni.edu/

The Department of Computer Science offers the following undergraduate and program certificates. Specific requirements for these programs are listed within this Department of Computer Science section in the following order:

Undergraduate Majors (B.S.)

- Computer Science
- Networking and System Administration

Undergraduate Major (B.A.)

- Computer Science

Minor

- Computer Science

Program Certificates

- Computer Applications
- Computer Science

Notes:

1. Undergraduate students who have been admitted to the university provisionally because of non-satisfaction of the high school mathematics requirements may not enroll in any computer science credit course before this requirement has been met.

2. All courses counting toward a major or minor in the Department of Computer Science must be passed with a grade of C- or better.

3. Prerequisite courses in the Department of Computer Science must be passed with a grade of C before taking a subsequent course.

4. All majors in the Department of Computer Science require a project course (marked with asterisk in the degree statements). The course used to meet this requirement is to be taken in the area of specialization, i.e., an area in which at least three courses are taken.

5. All courses in a prerequisite chain to a course are considered regressive to it - students may not take them for credit after passing the later course. Additionally, **CS 1120,** CS 1130, **CS 1140, CS 1150**, and CS 1160 are regressive to CS 1520 and any course having it as prerequisite.

6. All computer science majors must complete the department's core assessment exam before enrolling in any course numbered CS 2420 or above required for their major.

7. All computer science majors must complete the department's program assessment exam before graduating.

Bachelor of Science Degree Programs

Computer Science Major

The B.S. Computer Science major requires a minimum of 126 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 126 hours.

Required

Computer Science:		
CS 1410 (810:041)	Computer Organization	3
CS 1510 (810:051)	Introduction to Computing	4
CS 1520 (810:052)	Data Structures	4
CS 1800 (810:080)	Discrete Structures	3
CS 2530 (810:053)	Intermediate Computing	3
CS 3730/5730 (810:173g)	Project Management	1
Research:		
CS 4800 (810:180)	Undergraduate Research in Computer Science (topic pre-approved by department)	1

Electives

Mathematics:		
Select four from the following:		13
MATH 1420 (800:060)	Calculus I $^{\wedge,\#}$	
MATH 1421 (800:061)	Calculus II $^{\#}$	
MATH 2500 (800:076)	Linear Algebra for Applications	
MATH 3440/5440 (800:176g)	Numerical Analysis	
MATH 3530/5530 (800:143g)	Combinatorics	
MATH 3752/5752 (800:152g)	Introduction to Probability	
STAT 1772 (800:072)	Introduction to Statistical Methods	
Computer Science:		24
Eight courses including:		
A specialty of three courses from the Foundations area		
A specialty of three courses from one other area		
One course from each of the remaining two areas		
One of the specialty areas must include a project course (marked with an asterisk *)		
Foundations:		
CS 3530 (810:153)	Design and Analysis of Algorithms	
CS 3540 (810:154)	Programming Languages and Paradigms	
CS 3810/5810 (810:181g)	Theory of Computation	
CS 4550/5550 (810:155g)	Translation of Programming Languages *	
CS 4880/5880 (810:188g)	Topics in Computer Science †	
Data and Applications:		
CS 3140/5140 (810:114g)	Database Systems	
CS 3150/5150 (810:115g)	Information Storage and Retrieval	
CS 3610/5610 (810:161g)	Artificial Intelligence $^{\#}$	
CS 3650/5650 (810:166g)	Computational Biology	
CS 4620/5620 (810:162g)	Intelligent Systems *	
CS 4880/5880 (810:188g)	Topics in Computer Science †	
Software Engineering:		
CS 2720 (810:172)	Software Engineering	
CS 3120/5120 (810:112g)	User Interface Design	
CS 3750/5750 (810:175g)	Software Verification and Validation	
CS 4740/5740 (810:174g)	Real-Time Embedded Systems $^{*,\#}$	
CS 4880/5880 (810:188g)	Topics in Computer Science †	
Systems:		
CS 2420 (810:142)	Computer Architecture and Parallel Programming	
CS 3430/5430 (810:143g)	Operating Systems	
CS 3470/5470 (810:147g)	Networking	

CS 4400/5400 (810:140g)	System Administration	
CS 4410/5410 (810:141g)	System Security *	
CS 4420	Applied Systems Forensics *	
CS 4880/5880 (810:188g)	Topics in Computer Science †	

Electives:		6
Two courses selected from among the Computer Science "area" courses and 2000-level or above courses meeting the Mathematics requirements.		
Total Hours		62

$^{\wedge}$ MATH 1420 (800:060) has prerequisite of MATH 1140 (800:046), or MATH 1110 (800:043) and MATH 1130 (800:044), or equivalent.

* A project course must be taken as one of the three in the specialty area.

$^{\#}$ MATH 1420 (800:060), MATH 1421 (800:061), and CS 4740/5740 (810:174g) are 4-hour courses. CS 3610/5610 (810:161g) is a 4-hour course if taken with lab.

† CS 4880/5880 (810:188g) may be counted in a specialty area with department approval for the specific topic.

Networking and System Administration Major

The B.S. Networking and System Administration major requires a minimum of 126 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 126 hours.

Required

Mathematics:		
MATH 1420 (800:060)	Calculus I $^{\wedge}$	4
MATH 1421 (800:061)	Calculus II	4
Computer Science:		
CS 1410 (810:041)	Computer Organization	3
CS 1510 (810:051)	Introduction to Computing	4
CS 1520 (810:052)	Data Structures	4
CS 1800 (810:080)	Discrete Structures	3
CS 3430/5430 (810:143g)	Operating Systems	3
CS 3470/5470 (810:147g)	Networking	3
CS 3730/5730 (810:173g)	Project Management	1
CS 4400/5400 (810:140g)	System Administration	3
CS 4410/5410 (810:141g)	System Security	3
CS 4420	Applied Systems Forensics	3
CS 4800 (810:180)	Undergraduate Research in Computer Science (1 hr.))	1
Physics:		
PHYSICS 4300/5300 (880:152g)	Introduction to Electronics	4
Choose ONE of the following sequences:		8
PHYSICS 1511 (880:054)	General Physics I	
PHYSICS 1512 (880:056)	General Physics II	
OR		

PHYSICS 1701 (880:130)	Physics I for Science and Engineering	
PHYSICS 1702 (880:131)	Physics II for Science and Engineering	

Electives 6

Computer Science:		
from courses numbered 2420 or above, excluding CS 2880 (810:088), CS 3110, and CS 3510 (810:151) *		
Technology:		
TECH 1037 (330:037)	Introduction to Circuits	
TECH 1039 (330:039)	Circuits and Systems	
TECH 2041 (330:041)	Introduction to Analog Electronics	
TECH 3152 (330:152)	Advanced Analog Electronics	
TECH 3156 (330:156)	Advanced Digital Electronics	
TECH 4103/5103 (330:103g)	Electronic Communications	
TECH 4104/5104 (330:104g)	Applied Digital Signal Processing	

Total Hours 57

^ Has prerequisite of satisfactory score on ALEKS exam or subsequent remediation.

Bachelor of Arts Degree Programs

Computer Science Major

The B.A. Computer Science major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required

Computer Science:		
CS 1410 (810:041)	Computer Organization	3
CS 1510 (810:051)	Introduction to Computing	4
CS 1520 (810:052)	Data Structures	4
CS 1800 (810:080)	Discrete Structures	3
CS 2530 (810:053)	Intermediate Computing	3
CS 3730/5730 (810:173g)	Project Management	1

Electives

Mathematics:		
Select two of the following:		6
MATH 1420 (800:060)	Calculus I ^,#	
MATH 1421 (800:061)	Calculus II #	
MATH 2500 (800:076)	Linear Algebra for Applications	
MATH 3440/5440 (800:176g)	Numerical Analysis	
MATH 3530/5530 (800:143g)	Combinatorics	
MATH 3752/5752 (800:152g)	Introduction to Probability	

STAT 1772 (800:072)	Introduction to Statistical Methods	

Computer Science:	18

Six courses including:

Three courses from one specialty area

One course from each of the remaining three areas

Specialty area must include a project course (*)

Foundations:		
CS 3530 (810:153)	Design and Analysis of Algorithms	
CS 3540 (810:154)	Programming Languages and Paradigms	
CS 3810/5810 (810:181g)	Theory of Computation	
CS 4550/5550 (810:155g)	Translation of Programming Languages *	
CS 4880/5880 (810:188g)	Topics in Computer Science †	

Data and Applications:		
CS 3140/5140 (810:114g)	Database Systems	
CS 3150/5150 (810:115g)	Information Storage and Retrieval	
CS 3610/5610 (810:161g)	Artificial Intelligence #	
CS 3650/5650 (810:166g)	Computational Biology	
CS 4620/5620 (810:162g)	Intelligent Systems *	
CS 4880/5880 (810:188g)	Topics in Computer Science †	

Software Engineering:		
CS 2720 (810:172)	Software Engineering	
CS 3120/5120 (810:112g)	User Interface Design	
CS 3750/5750 (810:175g)	Software Verification and Validation	
CS 4740/5740 (810:174g)	Real-Time Embedded Systems *,#	
CS 4880/5880 (810:188g)	Topics in Computer Science †	

Systems:		
CS 2420 (810:142)	Computer Architecture and Parallel Programming	
CS 3430/5430 (810:143g)	Operating Systems	
CS 3470/5470 (810:147g)	Networking	
CS 4400/5400 (810:140g)	System Administration	
CS 4410/5410 (810:141g)	System Security *	
CS 4420	Applied Systems Forensics *	
CS 4880/5880 (810:188g)	Topics in Computer Science †	

Electives 3

One course selected from among the Computer Science "area" courses and 2000-level or above courses meeting the Mathematics requirement.

Total Hours 45

^ MATH 1420 (800:060) has prerequisite of MATH 1140 (800:046), or MATH 1110 (800:043) and MATH 1130 (800:044), or equivalent.

*	A project course must be taken as one of the three in the specialty area.	
#	MATH 1420 (800:060), MATH 1421 (800:061), and CS 4740/5740 (810:174g) are 4-hour courses. CS 3610/5610 (810:161g) is a 4-hour course if taken with lab.	
†	CS 4880 may be counted in a specialty area with department approval for the specific topic.	

Minors

Computer Science Minor

Required

Computer Science:		
CS 1410 (810:041)	Computer Organization	3
CS 1510 (810:051)	Introduction to Computing	4
CS 1520 (810:052)	Data Structures	4
CS 1800 (810:080)	Discrete Structures	3
CS 2530 (810:053)	Intermediate Computing	3

Electives		
Any 100-level courses numbered 2420 or above excluding CS 3510 (810:151).		9

Total Hours		26

Program Certificates

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following certificates, contact the Department of Computer Science or the Office of the Registrar, which serves as the centralized registry.

Certificate in Computer Applications

Required

CS 1000 (810:021)	Computing Skills and Concepts	3
CS 1010 (810:022)	Microcomputer Applications and Systems Integration	3
CS 1020 (810:023)	Microcomputer Systems	3

Electives		
Computer Science:		3
CS 1130 (810:030)	Visual BASIC Programming	
CS 2880 (810:088)	Topics in Computing	
Other courses pre-approved by the Computer Science Department		

Total Hours		12

Certificate in Computer Science

Required

Computer Science:		
one course from the following:		3-4

CS 1120 (810:056)	Media Computation	
CS 1130 (810:030)	Visual BASIC Programming	
CS 1140	Programming Environments for Secondary Education	
CS 1150	Programming Environments for Elementary Education	
CS 1160 (810:036)	C/C++ Programming	
CS 1510 (810:051)	Introduction to Computing	
CS 1520 (810:052)	Data Structures	4

Two courses, from ONE of the following groups:		6
Group 1:		
CS 1800 (810:080)	Discrete Structures	
CS 2530 (810:053)	Intermediate Computing	
or Group 2:		
CS 1410 (810:041)	Computer Organization	
CS 2420 (810:142)	Computer Architecture and Parallel Programming	

Total Hours		13-14

Department of Curriculum and Instruction

(College of Education)

www.uni.edu/coe/departments/curriculum-instruction

The Department of Curriculum and Instruction offers the following undergraduate and graduate programs. Specific requirements for these programs are listed within this Department of Curriculum and Instruction section in the following order:

Undergraduate Majors (B.A.)

- Early Childhood Education-Teaching
- Elementary Education-Teaching (K-6 General Classroom Teacher)
- Middle Level Education Dual Major-Teaching

Minors

- Educational Technology
- Literacy Education-Teaching

Graduate Majors (M.A.)

- Instructional Technology
- School Library Studies

Graduate Majors (M.A.E.)

- Early Childhood Education
- Elementary Education
- Literacy Education

Graduate Major (Ed.D.)

- Doctor of Education: Curriculum and Instruction intensive study area (to view all Doctor of Education requirements on the website

go to www.uni.edu/catalog/collegeofeducation or for pdf version go to "College of Education" under "Interdisciplinary" section)

Program Certificates

- Education of the Gifted
- Instructional Technology Facilitator
- Advanced Studies Certificate: Literacy Coach
- Advanced Studies Certificate: Reading Recovery Teacher Leader

Bachelor of Arts Degree Programs
Early Childhood Education Major-Teaching

This major leads to licensure for teaching young children from birth through grade 3. The student will complete the Liberal Arts Core requirements, the Professional Education Requirements, the specified major requirements, plus electives to complete a minimum of 120 hours. The prescribed program is as follows:

Students majoring in Elementary Education, Early Childhood Education or Middle Level Education may not **repeat or withdraw** from any courses within the ELEMECML, INSTTECH, or LITED course categories more than twice (taking any course a total of 3 times). Students in these programs are also limited to a maximum of five course retakes across these same courses. Under extraordinary circumstances, an elementary, early childhood or middle level education major may request in writing that an exception be made to this policy. All written requests will be reviewed by the appropriate C&I faculty who shall determine whether or not an exception will be granted. In any case where an exception is not granted, a student may appeal the decision through the regular appeal process for other teacher education related appeals. This policy applies to all majors declared after April 2016.

I. Professional Education Requirements-Early Childhood Education

Required:

Special Education:		
SPED 3150 (220:150)	Meeting the Needs of Diverse Learners in Classrooms	2
Instructional Technology:		
INSTTECH 1031 (240:031)	Educational Technology and Design	3

Level I

Educational Psychology:		
TEACHING 2017	Level 1 Field Experience: Exploring Teaching	1
EDPSYCH 2030 (200:030)	Dynamics of Human Development	3

Level II

(Before enrolling in Level II, the student must be fully admitted to the Teacher Education Program.)

TEACHING 3128	Level 2 Field Experience: Teacher as a Change Agent	1
Educational Psychology:		

EDPSYCH 3148 (200:148)	Learning and Motivation in Classroom Contexts	3
Human Relations:		
TEACHING 4170/5170 (280:170g)	Human Relations: Awareness and Application	3

Level III

(Before enrolling in Level III, the student must be fully admitted to the Teacher Education Program.)

Social Foundations:		
SOCFOUND 3119 (260:119)	Schools and American Society	3
Teaching:		12
TEACHING 3132 (280:132)	Early Childhood Teaching	
Total Hours Professional Education Requirements-Early Childhood		31

II. Early Childhood Education Major Requirements

Required:

Applied Human Services, School of:		2
NUTR 1031 (310:031)	Nutrition for Early Childhood Education	
Educational Psychology:		3
EDPSYCH 3109	Development and Assessment of Young Children	
Elementary, Early Childhood, and Middle Level Education:		23
ELEMECML 3149/5149	Child, Family, School and Community Relationships	
ELEMECML 3161 (210:161)	Teaching Elementary School Science	
ELEMECML 3164 (210:164)	Teaching Elementary School Social Studies	
ELEMECML 4121/5121 (210:121g)	Infant and Toddler Curriculum and Guidance	
ELEMECML 4122/5122	Exploring Diversity Among Infants and Toddlers	
ELEMECML 4130/5130 (210:130g)	Guidance and Instruction in Early Childhood Education	
ELEMECML 4151/5151 (210:151g)	Early Childhood Curriculum Development and Organization	
ELEMECML 4160/5160	Administration of Programs in Early Childhood	
ELEMECML 4161/5161	Field Experience in Early Childhood Curriculum	
ELEMECML 4192/5192 (210:192g)	Experience	
Literacy Education:		6
LITED 1044 (230:044)	Children's Literature	
LITED 3115 (230:115)	Methods of Teaching Early Literacy	

Mathematics:		12
MATH 1204	Mathematical Reasoning for Elementary Teachers I	
MATH 2204	Mathematical Reasoning for Elementary Teachers II	
MATH 3203 (800:134)	Teaching Mathematics in the Elementary School	
MATH 3204	Mathematical Reasoning for Elementary Teachers III	
Life Science course:		3-4
SCI ED 1200 (820:032)	Inquiry into Life Science (recommended)	
OR		
Any life/biological (BIOL xxxx/840:xxx) science course		
Physical Science course:		3-4
SCI ED 1300 (820:031)	Inquiry into Physical Science (recommended)	
OR		
Any chemistry (CHEM xxxx/860:xxx) or physics (PHYSICS xxxx/880:xxx)		
Earth/Space Science:		3-4
One course from the following:		
SCI ED 1100 (820:033)	Inquiry into Earth and Space Science (recommended)	
EARTHSCI 1100 (870:010)	Astronomy	
EARTHSCI 1200 (870:021)	Elements of Weather	
EARTHSCI 1300 (870:031)	Introduction to Geology	
Special Education:		3
SPED 4144/5144	Special Education Issues and Practices for Infants and Toddlers	
Total hours		58-61

A 2.50 grade index in all course work at the University of Northern Iowa, and, also, a 2.50 GPA in all course work at this university and elsewhere, or the approval of the head of the Department of Curriculum and Instruction is required for registration in major courses in the department.

Students should plan their course work so that all Early Childhood courses are taken prior to student teaching. Students must have a cumulative, UNI, and major GPA of 2.50 in order to student teach. In addition, students must achieve a grade of C (2.00) or higher in the following methods classes in order to student teach:

ELEMECML 3149/5149	Child, Family, School and Community Relationships	3
ELEMECML 3161 (210:161)	Teaching Elementary School Science	3
ELEMECML 3164 (210:164)	Teaching Elementary School Social Studies	3
ELEMECML 4121/5121 (210:121g)	Infant and Toddler Curriculum and Guidance	3
ELEMECML 4130/5130 (210:130g)	Guidance and Instruction in Early Childhood Education	3
ELEMECML 4151/5151 (210:151g)	Early Childhood Curriculum Development and Organization	3
LITED 3115 (230:115)	Methods of Teaching Early Literacy	3
MATH 3203 (800:134)	Teaching Mathematics in the Elementary School	3

Students should apply for their student teaching one year in advance.

Elementary Education Major-Teaching (K-6 General Classroom Teacher)

Students majoring in Elementary Education, Early Childhood Education or Middle Level Education may not **repeat or withdraw** from any courses within the ELEMECML, INSTTECH, or LITED course categories more than twice (a total of three times for any course). Students in these programs are also limited to a maximum of five course retakes across these same courses. Under extraordinary circumstances, an elementary, early childhood or middle level education major may request in writing that an exception be made to this policy. All written requests will be reviewed by the appropriate C&I faculty who shall determine whether or not an exception will be granted. In any case where an exception is not granted, a student may appeal the decision through the regular appeal process for other teacher education related appeals. This policy applies to all majors declared after April 2016.

The student will complete the Liberal Arts Core requirements, the Professional Education Requirements, the major requirements, a 12-hour area of specialization, and electives to complete a minimum of 120 hours. The prescribed program is as follows:

I. Professional Education Requirements-Elementary Education

Required:		
Special Education:		
SPED 3150 (220:150)	Meeting the Needs of Diverse Learners in Classrooms	2
Instructional Technology:		
INSTTECH 1031 (240:031)	Educational Technology and Design [*]	3
Human Relations:		
TEACHING 4170/5170 (280:170g)	Human Relations: Awareness and Application	3

[*] Students must select INSTTECH 1031 (240:031) Educational Technology and Design in place of INSTTECH 1020 (240:020) Secondary Educational Technology and Design in the Professional Education Requirements unless the computer requirement is addressed in a minor subject field or elective course.

Level I

Educational Psychology:		
TEACHING 2017	Level 1 Field Experience: Exploring Teaching	1

EDPSYCH 2030 (200:030)	Dynamics of Human Development	3

Level II

(Before enrolling in Level II, the student must be fully admitted to the Teacher Education Program.)

TEACHING 3128	Level 2 Field Experience: Teacher as a Change Agent	1
EDPSYCH 3148 (200:148)	Learning and Motivation in Classroom Contexts	3
MEASRES 3150 (250:150)	Classroom Assessment	2

Level III

(Before enrolling in Level III, the student must be fully admitted to the Teacher Education Program.)

Social Foundations:

SOCFOUND 3119 (260:119)	Schools and American Society	3
Teaching:		12
TEACHING 3134 (280:134)	Elementary Teaching	
Total hours Professional Education Requirements-Elementary Education		33

II. Elementary Education Major Requirements

Required:

Elementary, Early Childhood, and Middle Level Education:		15
ELEMECML 3120 (210:120)	Classroom Management K-8	
ELEMECML 3161 (210:161)	Teaching Elementary School Science	
ELEMECML 3164 (210:164)	Teaching Elementary School Social Studies	
ELEMECML 4123/5123 (210:123g)	Methods of Teaching Visual and Performing Arts Integration in the Elementary Classroom	
ELEMECML 4150/5150 (210:152g)	Elementary Curriculum	
Literacy Education:		9
LITED 1044 (230:044)	Children's Literature	
LITED 3115 (230:115)	Methods of Teaching Early Literacy	
LITED 3116 (230:116)	Methods of Teaching Content Literacy in the Intermediate Grades [*]	
Health Promotion and Education/Physical Education/ Health, Physical Education and Leisure Services-Interdepartmental (from the following):		3-5
HPELS 2045 (440:045)	Health and Physical Education for Elementary Teachers	
or both of the following courses:		

HPE 3135 (410:135)	Elementary School Health Education Methods	
PEMES 2045 (420:045)	Physical Education for the Elementary Grades	
Mathematics:		
MATH 1204	Mathematical Reasoning for Elementary Teachers I	3
MATH 2204	Mathematical Reasoning for Elementary Teachers II	3
MATH 3204	Mathematical Reasoning for Elementary Teachers III	3
MATH 3203 (800:134)	Teaching Mathematics in the Elementary School	3
Life Science course:		3-4
SCI ED 1200 (820:032)	Inquiry into Life Science (recommended)	
OR		
Any life/biological (BIOL xxxx/840:xxx) science course		
Physical Science course:		3-4
SCI ED 1300 (820:031)	Inquiry into Physical Science (recommended)	
OR		
Any chemistry (CHEM xxxx/860:xxx) or physics (PHYSICS xxxx/880:xxx)		
Earth/Space Science:		3-4
One course from the following:		
SCI ED 1100 (820:033)	Inquiry into Earth and Space Science (recommended)	
EARTHSCI 1100 (870:010)	Astronomy	
EARTHSCI 1200 (870:021)	Elements of Weather	
EARTHSCI 1300 (870:031)	Introduction to Geology	

Total Hours		48-53

[*] Middle Level/Elementary Education double majors may substitute LITED 4117/5117 (230:117g) Methods of Teaching Content Literacy at the Middle and Secondary Levels for LITED 3116 (230:116) Methods of Teaching Content Literacy in the Intermediate Grades.

A 2.50 grade index in all work at the University of Northern Iowa and, also, a 2.50 GPA on all course work at this university and elsewhere, or the approval of the head of the Department of Curriculum and Instruction is required for registration in major courses in the department.

Students should plan their course work so that the following courses are taken concurrently as a professional semester block, prior to student teaching:

Elementary, Early Childhood, and Middle Level Education:		
ELEMECML 3120 (210:120)	Classroom Management K-8	

ELEMECML 3161 (210:161)	Teaching Elementary School Science	
ELEMECML 3164 (210:164)	Teaching Elementary School Social Studies	
Literacy Education:		
LITED 3116 (230:116)	Methods of Teaching Content Literacy in the Intermediate Grades	
Mathematics:		
MATH 3203 (800:134)	Teaching Mathematics in the Elementary School	

To be eligible for the courses in the Professional Semester block, students must have completed Level II of the Professional Education Requirements, a curriculum course [ELEMECML 4150/5150 (210:152g) Elementary Curriculum], and have a cumulative 2.50 GPA. Students should plan their course work so that all Elementary Education courses are taken prior to student teaching. Students must have a cumulative, UNI, and major GPA of 2.50 in order to student teach. In addition, students must achieve a grade of C (2.00) or higher in the following methods classes in order to student teach:

ELEMECML 3120 (210:120)	Classroom Management K-8	3
ELEMECML 3161 (210:161)	Teaching Elementary School Science	3
ELEMECML 3164 (210:164)	Teaching Elementary School Social Studies	3
LITED 3115 (230:115)	Methods of Teaching Early Literacy	3
LITED 3116 (230:116)	Methods of Teaching Content Literacy in the Intermediate Grades	3
MATH 3203 (800:134)	Teaching Mathematics in the Elementary School	3

Students should apply for their student teaching one year in advance.

III. Area of Specialization

Students will include a 12-hour area of specialization. Liberal Arts Core courses may be counted in the 12-hour area of specialization.

Listed below are teaching minors that are available to students pursuing K-6 General Classroom teacher licensure. Completion of a minor will grant the appropriate endorsement in addition to the K-6 General Classroom teacher endorsement.

Endorsement Minors:
Basic Science (K-8)-Teaching (listed in Science and Science Education)
Health Education (K-8)-Teaching (listed in School of Kinesiology, Allied Health and Human Services)
Mathematics (K-8)-Teaching (listed in Department of Mathematics)
Languages (K-8)-Teaching (listed in Department of Languages and Literatures)
Social Studies (K-8)-Teaching (listed below)
Special Education-Teaching (listed in Department of Special Education)

Social Studies Minor (K-8)-Teaching

Required:

Elementary, Early Childhood, and Middle Level Education:		3
ELEMECML 4143/5143 (210:143g)	Applications/Content in Elementary Social Studies	
Completion of 21 hours in social studies to include course work from at least 3 of the following areas:		21
Psychology (PSYCH xxxx/400:xxx)		
Economics (ECON xxxx/920:xxx)		
American Government (POL AMER xxxx/942:xxx)		
History: (HIST xxxx/960:xxx) (HISUS xxxx/961:xxx) (HISEUA xxxx/962:xxx) (HISEUB xxxx/963:xxx) (HISNW xxxx/964:xxx)		
Geography (GEOG xxxx/970:xxx)		
Sociology (SOC xxxx/980:xxx) (CRIM xxxx/982:xxx)		
In addition to the course work in three areas above, courses may be taken from:		
Social Science (SOC SCI xxxx/900:xxx)		
Anthropology (ANTH xxxx/990:xxx)		
Total Hours		24

Middle Level Education Dual Major-Teaching

This major is designed to prepare students to teach young adolescents at the middle level of education (grades 5-8). This is a dual major and must be combined with either an elementary or secondary education teaching major. This major leads to State of Iowa Middle School Endorsement. Students will complete Liberal Arts Core requirements, the Professional Education Requirements, major requirements for middle level education, major requirements for elementary or secondary education, and endorsement requirements for the Iowa Middle School endorsement for a minimum total of 129 hours.

The holder of this endorsement is authorized to teach in grades five through eight in two to four concentration areas in which the specific requirements have been completed. The holder is not authorized to teach art, industrial arts, music, reading, physical education and special education, but may teach in other areas allowed by the State of Iowa.

Students majoring in Elementary Education, Early Childhood Education or Middle Level Education may not **repeat or withdraw** from any courses within the ELEMECML, INSTTECH, or LITED course categories more than twice (a total of 3 times for any course). Students in these programs are also limited to a maximum of five course retakes across these same courses. Under extraordinary circumstances, an elementary, early childhood or middle level education major may request in writing that an exception be made to this policy. All written requests will be reviewed by the appropriate C&I faculty who shall determine whether or not an exception will be granted. In any case where an exception is not granted, a student may appeal the decision through the regular appeal process for other teacher education related appeals. This policy applies to all majors declared after April 2016.

Required:

Educational Psychology:		3
EDPSYCH 4152/5152 (200:152g)	Development of the Middle School Aged Child	

Middle Level Education:		8
ELEMECML 3120 (210:120)	Classroom Management K-8	
or EDPSYCH 4151/5151 (200:151g)	Approaches to Classroom Management for Secondary Students	
ELEMECML 4135/5135 (210:135g)	Middle Level Instruction, Differentiation, and Assessment	
ELEMECML 4152/5152 (210:150g)	Middle Level Curriculum	
Literacy Education:		4
LITED 4117/5117 (230:117g)	Methods of Teaching Content Literacy at the Middle and Secondary Levels	
LITED 4155/5155 (230:155g)	English Language Structures and Usage for K-8 Educators	
Total Hours		15

Students will complete a minimum of 12 hours of course work in two, three, or four subject area concentrations. Subject area concentrations are limited to the following four areas and must include the specified course work.

Required:

Language Arts: to include composition, language usage, speech, young adult literature, and literature across cultures	12
Mathematics: to include algebra	12
Science: to include life, earth, and physical	12
Social Studies: to include United States history, world history, government, and geography	12
Minimum of 24 hours	

Some or all of this course work may be completed as part of the Liberal Arts Core requirements. Students should contact their advisor, the College of Education Advising Center, or the undergraduate record analyst in the Office of the Registrar to determine specific courses required for the endorsement.

Students should plan their course work so that all Middle Level Education courses are taken prior to student teaching. Students must have a cumulative, UNI, and major GPA of 2.50 in order to student teach. In addition, students must achieve a grade of C (2.00) or higher in the following methods classes in order to student teach:

ELEMECML 3120 (210:120)	Classroom Management K-8	3
ELEMECML 4135/5135 (210:135g)	Middle Level Instruction, Differentiation, and Assessment	3
LITED 4117/5117 (230:117g)	Methods of Teaching Content Literacy at the Middle and Secondary Levels	3

and other methods courses required by their second major. Students should apply for their student teaching one year in advance.

Each program of study should be planned so the following courses are completed after Level II of the Professional Education Requirements and prior to student teaching:

ELEMECML 3120 (210:120)	Classroom Management K-8	3
ELEMECML 4135/5135 (210:135g)	Middle Level Instruction, Differentiation, and Assessment	3
ELEMECML 4152/5152 (210:150g)	Middle Level Curriculum	2

and all methods courses. The student teaching semester will include two experiences, one in either an elementary or secondary classroom, depending on the primary major, and the other in a teamed or departmentalized, grades 5-8, middle level classroom. Students enroll for TEACHING 3137 (280:137) and TEACHING 3134 (280:134) or TEACHING 3138 (280:138) for a total of 12 hours.

Minors

Educational Technology Minor

The Educational Technology Minor has 6 designated courses, however 2 of the courses [INSTTECH 4110/5110 and INSTTECH 4138/5138 (240:138g)] can be replaced by other courses in specific subject areas (i.e., Assistive Technologies for Special Ed) with student request and instructor permission. Educational Technology minor students may begin their program in either Fall or Spring semester.

Required:

Instructional Technology:		
INSTTECH 1020 (240:020)	Secondary Educational Technology and Design	2-3
or INSTTECH 1031 (240:031)	Educational Technology and Design	
INSTTECH 1030 (240:030)	Creating Technology-Enhanced Learning Environments	3
INSTTECH 4110/5110	Developing and Designing Online Learning	3
INSTTECH 4131/5131 (240:131g)	Exploring Issues and Trends in Instructional Technology	3
INSTTECH 4138/5138 (240:138g)	Understanding Visual Literacy	3
INSTTECH 4139/5139 (240:139g)	Planning and Producing Instructional Media	3
Total Hours		17-18

Literacy Education Minor -Teaching

Required:		
Literacy Education:		4
LITED 4140/5140	Assessment and Evaluation of Literacy	
LITED 4193/5193 (230:193g)	Experience in Literacy: Field	
Course work chosen for appropriate endorsement		21
Total Hours		25

Reading K-8 Endorsement

Literacy Education:

LITED 1044 (230:044)	Children's Literature	3
LITED 3115 (230:115)	Methods of Teaching Early Literacy	3
LITED 3116 (230:116)	Methods of Teaching Content Literacy in the Intermediate Grades	3
or LITED 4117/5117 (230:117g)	Methods of Teaching Content Literacy at the Middle and Secondary Levels	
LITED 3119/5119 (230:119)	Language Development and Emergent Literacy	3
LITED 3121/5121 (230:121)	Advanced Children's Literature	3
LITED 4147/5147	Advanced Literacy Practices	3
LITED 4192/5192	Experience in Literacy: Tutoring	3
Total Hours		21

Reading 5-12 Endorsement

Literacy Education:

LITED 3119/5119 (230:119)	Language Development and Emergent Literacy	3
or TESOL 4510/5510 (630:165g)	Language Development	
LITED 4117/5117 (230:117g)	Methods of Teaching Content Literacy at the Middle and Secondary Levels	3
LITED 4147/5147	Advanced Literacy Practices	3
LITED 4192/5192	Experience in Literacy: Tutoring	3
Languages and Literatures/Linguistics:		
ENGLISH 2520 (620:040)	Multicultural Literature	3
or ENGLISH 2420 (620:053)	Survey of American Literature	
ENGLISH 4940/5940 (620:165g)	Literature for Young Adults	3
ENGLISH 4920/5920 (620:193g)	The Teaching of Writing	3
or TESOL 4120/5120 (630:125g)	Introduction to Linguistics	
or TESOL 4110/5110 (630:130g)	The Structure of English	
Total Hours		21

English/Language Arts K-8 Endorsement

Literacy Education:

LITED 1044 (230:044)	Children's Literature	3
LITED 3115 (230:115)	Methods of Teaching Early Literacy	3

LITED 3116 (230:116)	Methods of Teaching Content Literacy in the Intermediate Grades	3
or LITED 4117/5117 (230:117g)	Methods of Teaching Content Literacy at the Middle and Secondary Levels	
LITED 3119/5119 (230:119)	Language Development and Emergent Literacy	3
LITED 3121/5121 (230:121)	Advanced Children's Literature	3
Languages and Literatures/Linguistics:		
ENGLISH 2520 (620:040)	Multicultural Literature	3
or ENGLISH 2420 (620:053)	Survey of American Literature	
or ENGLISH 4940/5940 (620:165g)	Literature for Young Adults	
Theatre:		
THEATRE 3000 (490:101)	Creative Drama	3
or ELEMECML 4123/5123 (210:123g)	Methods of Teaching Visual and Performing Arts Integration in the Elementary Classroom	
Total Hours		21

In order to declare the Literacy Education Minor, a student must have a cumulative and UNI GPA of 3.00 or higher. To continue in the minor, students must earn a grade of B- (2.67) or above in minor courses numbered LITED 3119/5119 (230:119) Language Development and Emergent Literacy or above and maintain a cumulative and UNI GPA of 3.00 or higher.

Persons selecting this program are eligible for the State of Iowa Reading K-8, Reading 5-12, or English/Language Arts K-8 endorsement, depending on their choice of courses.

Master of Arts Degree Programs
Major in Instructional Technology

This major is designed to prepare educators for a variety of professional positions in educational settings, including school building level, school district level, and alternative schools.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Curriculum and Instruction for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on both the **thesis** and **non-thesis** options, and requires a **minimum of 33-45 semester hours depending on the option chosen**. **A minimum of 15 semester hours of 200/6000-level course work is required for the thesis option. A minimum of 12 semester hours of 200/6000-level course work is required for the non-thesis option.**

All students completing the **thesis** option are required to pass an oral comprehensive examination prepared and administered by the thesis committee. This comprehensive examination will normally accompany the thesis defense. A student completing the thesis option must include 6 hours of INSTTECH 6299 (240:299) in the program of study.

All students completing the **non-thesis** option are required to complete the departmental graduate research requirement and prepare a comprehensive ePortfolio at the end of the student's program of study.

Required:

INSTTECH 4131/5131 (240:131g)	Exploring Issues and Trends in Instructional Technology	3
INSTTECH 6232 (240:232)	Selecting and Integrating Instructional Technology	3
INSTTECH 4139/5139 (240:139g)	Planning and Producing Instructional Media	3
INSTTECH 6240 (240:240)	Understanding Instructional Design	3
INSTTECH 6237 (240:237)	Leading Change Through Instructional Technology	3
MEASRES 6205 (250:205)	Educational Research	3
INSTTECH 6250	Writing a Graduate Paper/ ePortfolio	3
INSTTECH 6299 (240:299)	Research	3 or 6
Thesis Option (6 hours)		
Non-thesis Option (3 hours)		
Electives: Choose Option 1 or 2 below:		6-18
Option 1 (6 hours - thesis) (9 hours - non-thesis)		
Option 2 (18 hours)		
Total hours Option 1 - thesis or non-thesis option		33
Total hours Option 2 thesis option		45
Total hours Option 2 non-thesis option		42

Option 1

Electives:

Educational Psychology:		
EDPSYCH 6214 (200:214)	Foundations of Instructional Psychology	3
Instructional Technology:		
INSTTECH 4138/5138 (240:138g)	Understanding Visual Literacy	3
INSTTECH 4153/5153 (240:153g)	Using Digital and Social Media in Education	3
INSTTECH 4170/5170 (240:170g)	Supporting Learning with Dynamic Web Design	3
INSTTECH 6260 (240:260)	Advanced Instructional Technology Projects	1-4
INSTTECH 6285 (240:285)	Readings in Instructional Technology	1-3
INSTTECH 6286 (240:286)	Studies in Instructional Technology	1-4
INSTTECH 6297 (240:297)	Practicum in Instructional Technology	1-4
INSTTECH 4110/5110	Developing and Designing Online Learning	3

Option 2

Electives:

School Library Studies:		
SLS 4114/5114 (350:114g)	Introduction to the School Library Program	3
SLS 4115/5115 (350:115g)	Organization of Information	3
SLS 4132/5132 (350:132g)	Library Resources for Children	3
or SLS 4134/5134 (350:134g)	Library Resources for Young Adults	
SLS 6225 (350:225)	Administration of the School Library Program	3
SLS 6250 (350:250)	Reference Services and Information Retrieval	3
SLS 6290 (350:290)	Practicum (3 hrs.)	3

Major in School Library Studies

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Curriculum and Instruction for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission.*

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **thesis** and **non-thesis** options. A **minimum of 36 semester hours** is required for the **thesis** option, and a **minimum of 33 semester hours** is required for the **non-thesis** option. **A minimum of 15 hours of 200/6000-level course work is required for the thesis option. A minimum of 12 hours of 200/6000-level course work is required for the non-thesis option.**

Students choosing the **thesis** option are required to write a thesis and pass an oral defense conducted by the thesis committee. Students choosing the **non-thesis** option are required to complete the departmental graduate research requirement. In lieu of a comprehensive examination, all students must complete a comprehensive portfolio, during their final semester of course work, that meets the requirements of the division faculty.

The program is open to students who hold or have completed coursework for teaching licensure. Students completing this major are eligible for the K-12 School Teacher Librarian endorsement if they hold or are eligible to hold a teaching license.

Required:

School Library Studies:		30
SLS 4114/5114 (350:114g)	Introduction to the School Library Program	
SLS 4115/5115 (350:115g)	Organization of Information	
SLS 4132/5132 (350:132g)	Library Resources for Children	

SLS 4134/5134 (350:134g)	Library Resources for Young Adults	
SLS 6223 (350:223)	School Library Curriculum Development	
SLS 6225 (350:225)	Administration of the School Library Program	
SLS 6230 (350:230)	Technologies for Libraries	
SLS 6250 (350:250)	Reference Services and Information Retrieval	
SLS 6290 (350:290)	Practicum	
SLS 6295 (350:295)	Research in Library and Information Science	
Research:		3 or 6
SLS 6299 (350:299)	Research	
Thesis Option (6 hours)		
Non-thesis Option (3 hours)		
Thesis Option		36
Non-thesis Option		33

Students who have previous course work which is equivalent to required courses are encouraged to take elective courses in instructional technology, gifted education, postsecondary education, or other education-related programs.

Master of Arts in Education Degree Programs

The Department of Curriculum and Instruction offers three Master of Arts in Education degree programs. The student must complete the professional core, required courses in the program, and electives, if any, for a specified number of semester hours in the program of study.

Major in Early Childhood Education

This program is designed to improve the students' competence in teaching young children and in providing leadership for program development and implementation.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Curriculum and Instruction for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

The degree program in this major requires a **minimum of 30 semester hours for non-thesis option or a minimum of 33 semester hours for thesis option**.

Students completing the **thesis** option are required to pass an oral comprehensive examination prepared and administered by the thesis committee. The examination will be comprehensive in nature and will normally accompany the thesis defense. Students completing the thesis option must include 6 hours of ELEMECML 6299 (210:299) Research

on the program of study. Students completing the **non-thesis** option are required to complete:

1. The department graduate research requirement
2. A performance-based and/or standard-based measure demonstrating student competency upon completion of the program.

The program may be extended by students wishing to complete the State of Iowa licensure endorsement for Early Childhood Education.

Required professional core:

MEASRES 6205 (250:205)	Educational Research	3
EDPSYCH 6214 (200:214)	Foundations of Instructional Psychology	3
Curriculum and Instruction:		
ELEMECML 6201 (210:201)	Issues and Trends in Curriculum	3
ELEMECML 6205	Technology in Early Childhood Education	3
ELEMECML 6210	Diversity in Early Childhood Education: Theory and Practice	3
ELEMECML 6221 (210:221)	Analysis and Design of Curriculum for Young Children	3
ELEMECML 6236	Assessment in Early Childhood	3
LITED 6212 (230:212)	Methods and Materials in Literacy Education	3
ELEMECML 6214 (210:214)	Recent Research in Early Childhood Education	3
Research:		3 or 6
ELEMECML 6299 (210:299)	Research	
Thesis Option (6 hours)		
Non-thesis Option (3 hours)		
Total hours thesis option		33
Total hours non-thesis option		30

Major in Elementary Education

This program is designed to improve the student's effectiveness as a classroom teacher, instructional leader, curriculum developer, and action researcher.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Curriculum and Instruction for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

The degree program in this major requires a **minimum of 30 semester hours for non-thesis option or a minimum of 33 semester hours for thesis option**.

Students completing the **thesis** option are required to pass an oral comprehensive examination prepared and administered by the thesis committee. This comprehensive examination will normally accompany the thesis defense. Students on the thesis option must include 6 hours of ELEMECML 6299 (210:299) Research on the program of study. Students completing the **non-thesis** option are required to complete the department graduate research requirement.

The program may be extended by students wishing to complete the State of Iowa licensure endorsement for Elementary Education.

Required Professional Core:

EDPSYCH 6214 (200:214)	Foundations of Instructional Psychology	3
MEASRES 6205 (250:205)	Educational Research	3
Curriculum and Instruction:		
LITED 6212 (230:212)	Methods and Materials in Literacy Education	3
ELEMECML 6201 (210:201)	Issues and Trends in Curriculum	3
ELEMECML 4141/5141 (210:141g)	Integrated Activities in Elementary School Science and Mathematics	3
ELEMECML 6242 (210:242)	Analysis and Improvement of Science Instruction in the Elementary School	3
ELEMECML 6243 (210:243)	Analysis and Improvement of Social Studies Instruction in the Elementary School	3
ELEMECML 6289 (210:289)	Seminar in Education	6
Research:		3 or 6
ELEMECML 6299 (210:299)	Research	
Thesis Option (6 hours)		
Non-thesis Option (3 hours)		
Total hours (non-thesis option)		30
Total hours (thesis option)		33

Major in Literacy Education

This program is designed to develop and extend the expertise of educators in both leadership and classroom positions who wish to specialize in the area of literacy education. Students examine theories, programs and practices in the teaching of literacy, the evaluation of literacy development and the integration of literacy across curricular areas.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Curriculum and Instruction for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

In addition to the university requirements for admission to graduate study, admission to this program includes the following requirements:

1. Two recommendations from professional educators

2. Satisfactory completion of writing examination. Preference may be given to applications with academic background and/or professional experience in education.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

The degree program in this major requires a **minimum of 33 semester hours.**

Students completing the **thesis** option are required to pass an oral comprehensive examination prepared and administered by the thesis committee. This comprehensive examination will normally accompany the thesis defense. Students on the thesis option must include 6 hours of LITED 6299 (230:299) Research on the program of study. Students completing the **non-thesis** option are required to complete

1. The department graduate research requirement

2. A performance-based and/or standard-based measure demonstrating student competency upon completion of the program.

The program may be extended by students wishing to complete any of the four State of Iowa licensure endorsements: K-8 Reading, Reading Specialist, English/Language Arts K-8, or Secondary Reading.

Required Professional Core:

EDPSYCH 6214 (200:214)	Foundations of Instructional Psychology	3
MEASRES 6205 (250:205)	Educational Research	3
Literacy Education:		21
LITED 6212 (230:212)	Methods and Materials in Literacy Education	
LITED 6238 (230:238)	Advanced Assessment and Evaluation of Literacy Development	
LITED 6239 (230:239)	Advanced Literacy Studies	
LITED 6240 (230:240)	Language Development and Variability	
LITED 6245 (230:245)	Ideological, Cultural, and Sociopolitical Issues in Children's Literature	
LITED 6260 (230:260)	Roles of the Reading Specialist	
LITED 6290 (230:290)	Practicum	
Literacy Education Research Requirement:		3 or 6
LITED 6299 (230:299)	Research	
Thesis Option (6 hours)		
Non-thesis Option (3 hours)		
Approved Electives:		0 or 3
Thesis Option (0 hours)		
Non-thesis Option (3 hours)		

ELEMECML 6201 (210:201)	Issues and Trends in Curriculum	
LITED 6289 (230:289)	Seminar	
Total hours		33

Doctor of Education Degree Program

(To view all Doctor of Education requirements on the website go to www.uni.edu/catalog/collegeofeducation or for PDF version go to "College of Education" under "Interdisciplinary" section.)

Students interested in the Doctor of Education (Ed.D.) degree must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the appropriate Intensive Study Area (ISA) for any other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*. The Graduate Record Examination (GRE) **is** required for admission to the program.

This program is intended to provide practicing educators, in formal and nonformal settings, the opportunity to continue their study and earn the terminal professional degree in their field. The Ed.D. degree requires a **minimum of 60 semester hours of credit beyond the master's degree**. There are three components to the program:

Professional Common Core (work in educational foundations, fundamentals, and research)	27
Advanced Professional Study (in one of three areas of intensive study)	27
Dissertation	6
Total Hours	60

By design, *all* students are required to study in basic areas that undergird and define educational practice and develop skills of problem definition, data collection and analysis, and interpretation. The three areas of intensive study provide for a specialized focus on practice. The three intensive study areas (ISAs) are:

- *Allied Health, Recreation, and Community Services*
- *Curriculum and Instruction*
- *Educational Leadership*

Note: Students interesteded in special education with the Curriculum and Instruction ISA or the Educational Leadership ISA should consult the respective ISA descriptions for further information.

In some areas, it is possible to combine doctoral degree study with work toward an endorsement to perform a particular role in K-12 education.

Brief definitions of the three ISAs follows:

Allied Health, Recreation, and Community Services

This area of intensive study is designed to provide students with advanced planning, management, supervision and evaluation of programs in the community and its institutions. The combined areas of allied health, recreation and community services are diverse professional areas knitted together by a unified commitment to enhancing, enriching and sustaining individual well-being and quality of life. Each of these areas contributes unique and different professional perspectives, yet, at the same time, focuses on the individual and collective well-being of people, communities and society as a whole. Graduates are prepared for careers as applied scholars, evaluators, athletic administration, administrators of community nonprofit organizations, youth serving agencies, public parks and recreation agencies, foundations, and government agencies. The program of study will be based upon student's needs, interests, and upon approval by an academic advisor and program of study committee. (For more information, contact the Chair of Leisure, Youth and Human Services Division, the Health Promotion and Education Division, or the Athletic Training Division in the School of Kinesiology, Allied Health and Human Services.)

Curriculum and Instruction

This area of intensive study is designed to prepare scholar practitioners to plan, implement, evaluate, and supervise educational programs for children, from infancy through adolescence, and adult learners, inclusive of a wide variety of diversity. Faculty in this intensive study area come from many departments and disciplines, including but not limited to prekindergarten through tertiary curriculum and pedagogy; foundations of education in psychology, philosophy, social sciences; disability studies, gifted and talented, and multicultural education; literacy education; instructional technology, school library studies; and P-12 content areas such as mathematics, physical education, science, social studies, and language arts. Students interested in becoming special education scholar-practitioners to plan, implement, evaluate, and supervise educational programs for children and adult learners with an emphasis on inclusion and diversity will apply for admission through the Curriculum and Instruction Intensive Study Area. For more information see www.uni.edu/coe/departments/curriculum-instruction/graduate-study/doctoral-study.

Educational Leadership

This area of intensive study in education administration prepares personnel for leadership positions in PK-12 schools, post-secondary institutions, and other educational services or settings. Typical positions held by educators with the terminal degree focused on educational leadership include: principals, superintendents, school district central office administrators, professors of educational leadership, special education directors at the Area Education Agency level or Department of Education administrators and consultants. Students interested in special education administration will apply for admission through Educational Leadership and Postsecondary Education. (For more information, contact the Head, Department of Educational Leadership and Postsecondary Education, or please see the catalog at www.uni.edu/catalog.uni.edu/collegeofeducation/educationalleadershipandpostsecondaryeducation or visit the Department of Educational Leadership and Postsecondary Education website at www.uni.edu/coe/departments/educational-leadership-postsecondary-education.

Program Certificates

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following certificates, contact the Department of Curriculum

and Instruction or the Office of the Registrar, which serves as the centralized registry.

Education of the Gifted Certificate

The Certificate in Education of the Gifted is a four-course sequence at the undergraduate or graduate level that satisfies the State of Iowa endorsement requirements in Education of the Gifted. These four courses are to be taken in a sequence, as they build upon each other. The entire sequence can be completed during one Fall and one Spring semester and are generally offered online. The first course is generally offered during the first 8 weeks of Fall semester; the second course is offered the second 8 weeks of Fall semester; the third course is offered the first 8 weeks of Spring semester; the final practicum course is offered during the entire Spring semester.

ELEMECML 4154/5154	The Gifted and Talented	3
ELEMECML 4156/5156	Educational Strategies for Gifted and Talented	3
ELEMECML 4157/5157	Coordinating Programs for the Gifted and Talented	3
ELEMECML 4158/5158	Practicum in Education of the Gifted	3
Total Hours		12

Instructional Technology Facilitator Certificate

Required:

Instructional Technology:		18
INSTTECH 4131/5131 (240:131g)	Exploring Issues and Trends in Instructional Technology	
INSTTECH 4153/5153 (240:153g)	Using Digital and Social Media in Education	
INSTTECH 4170/5170 (240:170g)	Supporting Learning with Dynamic Web Design	
INSTTECH 6232 (240:232)	Selecting and Integrating Instructional Technology	
INSTTECH 6237 (240:237)	Leading Change Through Instructional Technology	
INSTTECH 6260 (240:260)	Advanced Instructional Technology Projects	
Total Hours		18

Advanced Studies Certificate: Literacy Coach

Partnerships in Comprehensive Literacy (PCL): Literacy Coach Preparation Program

Partnerships in Comprehensive Literacy (PCL) is a systemic school transformation model. The University of Northern Iowa's Jacobson Center for Comprehensive Literacy is one of seven national preparation sites for the PCL program. Partnerships in Comprehensive Literacy coaches provide professional development to teachers in schools that are implementing PCL.

The Partnerships in Comprehensive Literacy (PCL) Coach program is administered by the Jacobson Center for Comprehensive Literacy. The PCL program is intended for practicing educators whose school, district, or Area Education Agency apply for admission to the

Jacobson Center's PCL program and who seek to be the Literacy Coach in his/her school, district, or Area Education Agency. Students take courses over the course of a full academic year, beginning with a summer course. The program includes 21 hours of UNI graduate-credit coursework. Courses include the following:

Summer (Summer Institute)		3
LITED 7310	Coaching in the Comprehensive Literacy Model	
Students attend a four-day institute at the Jacobson Center for Comprehensive Literacy in Cedar Falls and complete coursework online following the institute.		
OR		
LITED 7320	Coaching in the Comprehensive Intervention Model	
Students attend a four-day institute at the Jacobson Center for Comprehensive Literacy in Cedar Falls and complete coursework online following the institute.		
Fall:		
LITED 7304 (230:304)	Literacy Leadership I	3
LITED 7307 (230:307)	Theories of Reading and Writing Processes	3
ELEMECML 6201 (210:201)	Issues and Trends in Curriculum	3
Spring:		
LITED 7305 (230:305)	Literacy Leadership II	3
LITED 7306 (230:306)	Theories of Reading Difficulties	3
LITED 6260 (230:260)	Roles of the Reading Specialist	3
or LITED 7397 (230:397)	Practicum in Reading	
Total Hours		21

An abbreviated PCL Coach Certificate Program is proposed for previously trained Reading Recovery Teacher Leaders (Reading Recovery Teacher Leader preparation is an 18-hour graduate level program completed at one of 20 Reading Recovery Training Centers approved by the Reading Recovery of North American Trainers Group. A transcript review will be conducted for all Reading Recovery Teacher Leaders who did not complete their program at UNI.)

UNI-trained Reading Recovery Teacher Leaders, or Reading Recovery Teacher Leaders trained at another university training site and have a satisfactory transcript review, who wish to becom CIM Literacy Coaches will take courses over the course of a full academic year, beginning with a summer course. The program includes 6 hours of UNI graduate-credit coursework. Courses include the following:

Summer (Summer Institute):		
LITED 7320	Coaching in the Comprehensive Intervention Model	3
Students attend a four-day institute at the Jacobson Center for Comprehensive Literacy in Cedar Falls and complete coursework online following the institute.		
Spring:		

LITED 7397 (230:397)	Practicum in Reading	3
Total Hours		6

During the Fall and Spring semesters, PCL literacy coaches-in-preparation begin working on implementation of the PCL model in their schools, districts, or AEAs. This task is the central focus of the preparation program and is tightly integrated with all coursework. Literacy coaches make monthly visits to the UNI campus for classes that typically last two or three days. Additional coursework occurs via online formats, including eLearning, Polycom Telepresence, and Zoom.us. Jacobson Center faculty also conduct site visits to participants' schools, districts, or AEAs.

Coursework generally consists of readings that are directly related to the implementation of the PCL model; small-group discussion of the readings; observation of PCL model schools, classrooms, and meetings; planning for implementation; and reflection on implementation. These tasks are accomplished not only during the on-campus class meetings but also through online activities that occur outside of on-campus meetings. In their schools during the preparation year, coaches can expect to teach a small group of students, work intensely with model classroom teachers, conduct and facilitate professional development sessions of various types with their school faculty, and work with their principal to establish meeting routines as well as school-wide assessment and instructional systems. These tasks also comprise the bulk of the class assignments, in addition to compilation of a portfolio documenting students' completion of the tasks.

Admission requirements:

Literacy coach applicants must:

1.   hold a master's degree in literacy education or other related field;

2.   hold a valid teaching license;

3.   be employed as literacy coach in their school, districut, or AEA or be under contract to be the literacy coach during the preparation year;

4.   have a minimum of three years of teaching experience; and

5.   meet UNI requirements for admission to graduate study.

Advanced Studies Certificate: Reading Recovery Teacher Leader

Reading Recovery Teacher Leader Preparation Program

Reading Recovery (RR) is a trademarked literacy intervention model with extensive research documenting its effectiveness. What Works Clearinghouse and the Response to Intervention Center (both of which are part of the USDE), have awarded Reading Recovery with the highest ratings. The Reading Recovery Center of Iowa, housed within the Jacobson Center for Comprehensive Literacy at the University of Northern Iowa, is one of only 20 RR University Training Centers approved by the RR North American Trainers Group.

The RR Teacher Leader (RRTL) program is intended for practicing educators whose school districts or Area Education Agencies (AEAs) apply for admission to the Reading Recovery Center of Iowa's RRTL program and who seek to be the RRTL in his/her school district or AEA. Students take courses over the course of a full academic year,

beginning with the fall semester. The program includes 18 hours of UNI graduate-credit coursework. Courses include the following:

Fall:

LITED 7302 (230:302)	Reading Recovery Teacher Leader Clinical I	3
LITED 7304 (230:304)	Literacy Leadership I	3
LITED 7307 (230:307)	Theories of Reading and Writing Processes	3

Spring:

LITED 7303 (230:303)	Reading Recovery Teacher Leader Clinical II	3
LITED 7305 (230:305)	Literacy Leadership II	3
LITED 7306 (230:306)	Theories of Reading Difficulties	3
Total Hours		18

RRTLs attend classes on the UNI Campus or in the field. Additional coursework occurs via online formats, including UNI eLearning, Polycom Telepresence, and Zoom.us. A faculty member who is a RR Trainer or a Teacher Leader who is an instructor in the Jacobson Center also conducts site visits to participants' school districts or AEAs.

Coursework generally consists of readings that are directly related to the implementation of RR, small-group discussion of the readings, observation of RR lessons and RR teacher classes, planning for implementation, and reflection on implementation. These tasks are accomplished not only during the on-campus class meetings but also through online and field activities that occur outside of on-campus meetings. In their schools during the preparation year, RRTLs teach four RR students daily, and observe and practice leading RR teacher preparation classes.

Admission requirements:

RRTL applicants must:

1.   hold a master's degree in literacy education or other related field;

2.   hold a valid teaching license;

3.   be employed as RRTL in their school district or AEA or be under contract to be the RRTL during the preparation year;

4.   have a minimum of three years of teaching experience; and

5.   meet UNI requirements for admission to graduate study.

Department of Earth and Environmental Sciences

(College of Humanities, Arts and Sciences)

www.earth.uni.edu

The Department of Earth and Environmental Sciences offers the following undergraduate programs. Specific requirements for these programs are listed within this Department of Earth and Environmental Sciences section in the following order:

Undergraduate Majors (B.A.)

- Earth Science
- Earth Science-Teaching
- Environmental Science

Minors

- Air Quality
- Astronomy
- Earth Science
- Earth Science-Teaching
- Environmental Earth Science
- Geology

The Department of Earth and Environmental Sciences encompasses five curricular disciplines: astronomy, meteorology, geology, earth science education and environmental science.

Major programs are offered in one baccalaureate area:

- Bachelor of Arts

The B.A. degree in Earth Science is designed as a broad liberal arts major that can build a strong foundation for a variety of career plans. It also provides supportive background and additional career options as a second major for students majoring in other disciplines such as mathematics, computer science, technology, anthropology, geography, biology, chemistry or related areas. The B.A. degree in Earth Science-Teaching is designed to prepare secondary Earth Science teachers. The B.A. degree in Environmental Science will provide students with the tools necessary to assess and evaluate environmental issues in various fields including air quality, hydrology and geoscience.

Bachelor of Arts Degree Programs
Earth Science Major

The Earth Science major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required

Mathematics:		
MATH 1140 (800:046)	Precalculus	4
or MATH 1420 (800:060)	Calculus I	
Chemistry and Biochemistry:		
CHEM 1110 (860:044)	General Chemistry I	4
Earth Science:		
EARTHSCI 1100 (870:010)	Astronomy *	4
EARTHSCI 1200 (870:021)	Elements of Weather	3
EARTHSCI 1300 (870:031)	Introduction to Geology	4
EARTHSCI 1320 (870:035)	Earth History	4
Physics:		
PHYSICS 1511 (880:054)	General Physics I	4
or PHYSICS 1701 (880:130)	Physics I for Science and Engineering	
Electives in earth science: 100/3000/4000-level^ courses **		18
Total Hours		45

* EARTHSCI 1100 (870:010) must be taken for four semester hours of credit.

** 100/3000/4000-level credits in earth science must include at least one course from each of astronomy, geology, and meteorology. In addition, at least 2 hours must be from either EARTHSCI 3410/5410 (870:137g), EARTHSCI 3179 (870:179) "Cooperative Education", EARTHSCI 4400 (870:180), EARTHSCI 3430 (870:195), or another appropriate experiential learning course approved by the student's advisor and the department head.

^ See course section for 4-digit numbers associated with these 100-level courses.

Earth Science Major-Teaching

The Earth Science-Teaching major requires a minimum of 120-121 total hours to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements and the following specified major requirements, plus electives to complete the minimum of 120-121 hours.

Required

Science and Science Education:		
SCI ED 3300/5300 (820:190g)	Orientation to Science Teaching	3
SCI ED 4700/5700 (820:193g)	Methods for Teaching Physical Science	3
SCI ED 3200 (820:196)	Current Technologies in Science Teaching	2
Chemistry and Biochemistry:		5-8
CHEM 1110 (860:044) & CHEM 1120 (860:048)	General Chemistry I and General Chemistry II	
or CHEM 1130 (860:070)	General Chemistry I-II	
Earth Science:		
EARTHSCI 1100 (870:010)	Astronomy *	4
EARTHSCI 1200 (870:021)	Elements of Weather	3
EARTHSCI 1210 (870:022)	Elements of Weather Laboratory	1
EARTHSCI 1300 (870:031)	Introduction to Geology	4
EARTHSCI 1320 (870:035)	Earth History	4
EARTHSCI 3210/5210 (870:121g)	Meteorology	4
Physics:		
PHYSICS 1511 (880:054)	General Physics I	4
PHYSICS 1512 (880:056)	General Physics II	4
Electives in earth science: 100/3000/4000-level courses ^,**		6
Total Hours		47-50

* EARTHSCI 1100 (870:010) must be taken for four semester hours of credit.

** Excluding the following Courses: EARTHSCI 3186/4186/5186 (870:186/870:186g) "Studies in", EARTHSCI 3420/5420 (870:189g), EARTHSCI 3430 (870:195), EARTHSCI 4198 (870:198) "Independent Study".

^   See course descriptions for 4-digit numbers associated with these 100-level courses.

Environmental Science Major

The Environmental Science major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

The Environmental Science major is intended as a hands-on program with all students having a common curricular core centered on Geology and Meteorology, as well as Geography, Biology, Environmental Policies, Mathematics, and Chemistry. Following the common core courses students take supporting courses in areas of professional interest – Air Quality, Geoscience, or Hydrology. Each has a range of courses that provide students with experience in evaluating and responding to environmental issues. Please contact the Earth and Environmental Sciences Office for a list of current supporting courses.

Required

BIOL 2051 (840:051)	General Biology: Organismal Diversity	4
CHEM 1110 (860:044)	General Chemistry I	4
EARTHSCI 1200 (870:021)	Elements of Weather	3
EARTHSCI 1300 (870:031)	Introduction to Geology	4
EARTHSCI 3230/5230 (870:123g)	Air Quality	4
EARTHSCI 3345/5345 (870:171g)	Environmental Geology	3
EARTHSCI 3350/5350 (870:173g)	Environmental Hydrology	3
EARTHSCI 3430 (870:195) or EARTHSCI 4400 (870:180)	Internship Undergraduate Research in Earth Science	2
ENV SCI/HPE 4666	Environmental and Occupational Health Regulations	3
GEOG 3310 (970:164)	Geographic Information Systems I	3
MATH 1140 (800:046) or MATH 1420 (800:060)	Precalculus Calculus I	4
STAT 1772 (800:072)	Introduction to Statistical Methods	3
Electives selected for area of professional interest		22
Total Hours		62

Minors

Air Quality Minor

The Air Quality Minor prepares students for careers in governmental regulation of air quality, industrial compliance with the Clean Air Act, and private sector environmental consulting.

Required:

EARTHSCI 1200 (870:021)	Elements of Weather	3
EARTHSCI 3210/5210 (870:121g)	Meteorology	4
EARTHSCI 3230/5230 (870:123g)	Air Quality	4
EARTHSCI 3240/5240 (870:124g)	Air Quality Modeling	4
EARTHSCI 3250/5250 (870:177g)	Measurement and Analysis of Air Quality	4
Electives: 8 hours from the following		8
CHEM 1110 (860:044)	General Chemistry I	
CHEM 1120 (860:048)	General Chemistry II	
CHEM 1130 (860:070)	General Chemistry I-II	
CHEM 2310 (860:132)	Chromatography and Quantitative Analysis	
EARTHSCI 3220/5220 (870:122g)	Weather Analysis and Forecasting	
GEOG 2210 (970:028)	Recent Climate Change	
GEOG 3310 (970:164)	Geographic Information Systems I	
Total Hours		27

Astronomy Minor

Required:

EARTHSCI 1100 (870:010)	Astronomy	3-4
EARTHSCI 3130 (870:152)	Stars	2
EARTHSCI 3140 (870:153)	Galaxies and Cosmology	2
EARTHSCI 4150/5150	Astrophysics	3
MATH 1420 (800:060)	Calculus I	4
MATH 1421 (800:061)	Calculus II	4
PHYSICS 1701 (880:130)	Physics I for Science and Engineering	4
PHYSICS 1702 (880:131)	Physics II for Science and Engineering	4
Total Hours		26-27

Earth Science Minor

Required

Courses in Earth Science	20
Total Hours	20

Earth Science Minor-Teaching

Required

Chemistry and Biochemistry:		
CHEM 1110 (860:044)	General Chemistry I	4
Earth Science:		
EARTHSCI 1100 (870:010)	Astronomy [*]	4
EARTHSCI 1200 (870:021)	Elements of Weather	3
EARTHSCI 1210 (870:022)	Elements of Weather Laboratory	1
EARTHSCI 1300 (870:031)	Introduction to Geology	4
EARTHSCI 1320 (870:035)	Earth History	4
Physics:		
PHYSICS 1511 (880:054)	General Physics I	4
Total Hours		24

* EARTHSCI 1100 (870:010) must be taken for four semester hours of credit.

Also required: a teaching major or minor in biology, chemistry, physics, or science.

Completion of this minor will satisfy the requirements of the Iowa Department of Education for Earth Science approval (effective October 1, 1988) only if the student has completed 30 semester hours in the broad area of science.

Environmental Earth Science Minor

Required:

BIOL 2051 (840:051)	General Biology: Organismal Diversity	4
EARTHSCI 1200 (870:021)	Elements of Weather	3
EARTHSCI 1300 (870:031)	Introduction to Geology	4
EARTHSCI 1400	Introduction to Environmental Earth Science	3
EARTHSCI 3230/5230 (870:123g)	Air Quality	4
EARTHSCI 3345/5345 (870:171g)	Environmental Geology	3
EARTHSCI 3350/5350 (870:173g)	Environmental Hydrology	3
GEOG 3310 (970:164)	Geographic Information Systems I	3
Electives: choose one of the following		3
ECON 3225/5225 (920:123g)	Environmental Economics [*]	
HPE/ENV SCI 4665	Environmental Health Science	
GEOG 2210 (970:028)	Recent Climate Change	
GEOG 4370/5370 (970:173g)	Remote Sensing of the Environment	
Total Hours		30

* ECON 3225/5225 has prerequisites of ECON 1041 and ECON 1051.

Geology Minor

Required:

EARTHSCI 1300 (870:031)	Introduction to Geology	4
EARTHSCI 1320 (870:035)	Earth History	4
EARTHSCI 3322	Earth Materials	4
EARTHSCI 3325/5325 (870:136g)	Sedimentary Geology	4
EARTHSCI 3328 (870:125)	Fossils and Evolution	4
EARTHSCI 3330/5330 (870:141g)	Geomorphology	3
Electives: choose one of the following:		3-4
EARTHSCI 3310/5310 (870:129g)	Structural Geology	
EARTHSCI 3340/5340 (870:165g)	Oceanography	

EARTHSCI 3355/5355 (870:175g)	Hydrogeology	
Total Hours		26-27

Department of Economics

(College of Business Administration)

www.cba.uni.edu/economics

The Department of Economics offers the following undergraduate programs. Specific requirements for these programs are listed within this Department of Economics section in the following order:

Undergraduate Major (B.A.)

- Economics

Minor

- Economics-Liberal Arts

1. To graduate with a major in Economics a student must:
    a. complete ECON 1041 (920:053) , ECON 1051 (920:054) , ECON 2122 (920:103) , and ECON 2112 (920:104) with at least a C- in each course whether taken at UNI or at an institution from which transfer credit for these courses is accepted; and
    b. earn a 2.50 grade point average (GPA) for all ECON xxxx/920:xxx courses taken at UNI, except ECON 1021 (920:020) , ECON 1031 (920:024) , ECON 1011 (920:070) , ECON 3077 (920:177) , and ECON 3179 (920:179)

2. ECON 1021 (920:020) counts toward an Economics major **only** in the Business Economics emphasis and does not count toward the minor

3. ECON 1011 (920:070) counts toward an Economics major **only** in the Business Economics and Applied Economic Analysis emphases and does not count toward the minor.

4. ECON 1031 (920:024) does not count toward the Economics major or minor.

5. ECON 1041 (920:053) and ECON 1051 (920:054) are minimum prerequisites for all 100/2000/3000/4000-level courses.

6. It is recommended that ECON 2122 (920:103) and ECON 2112 (920:104) be taken before other advanced courses in Economics.

7. Not more than one emphasis may be declared in economics.

The Economics Department may impose additional admission requirements for students wishing to declare a minor or a second CBA major. Eligibility to declare a minor or a second CBA major is based on competitive GPA and space availability. Students may obtain a copy of these requirements from UNI*Business* Advising (CBB 5) in the College of Business Administration or at http://business.uni.edu/web/pages/currentstudents/advisingcenter-collegepolicies.cfm.

Bachelor of Arts Degree Programs
Economics Major

The Economics major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the

following specified major requirements, plus electives to complete the minimum of 120 hours.

Required

Business Administration, Interdepartmental:		
BUSINESS 1000 (100:010)	Introductory Seminar for Business Professionals	0
BUSINESS 2000 (100:020)	Business Professionals in Training	0
Economics:		
ECON 1041 (920:053)	Principles of Macroeconomics	3
ECON 1051 (920:054)	Principles of Microeconomics	3
ECON 2112 (920:104)	Intermediate Microeconomic Theory	3
ECON 2122 (920:103)	Intermediate Macroeconomic Theory	3
ECON 3373/5373 (920:169g)	Introduction to Econometrics	3
ECON 4380/5380 (920:181g)	Directed Research in Economics	3
Mathematics:		
STAT 1772 (800:072)	Introduction to Statistical Methods *	3
Emphasis requirements (students choose only one area of emphasis)		18-42
Total Hours		39-63

*   Course will also satisfy Liberal Arts Core Category 1C.

Emphases:

1. **General Economics**

Electives: 100/2000/3000/4000-level economics courses	18
Total Hours	18

2. **Quantitative Techniques**

Required

Economics:		
ECON 3269/5269 (920:168g)	Mathematical Economics	3
Mathematics:		
MATH 1420 (800:060)	Calculus I	4
MATH 1421 (800:061)	Calculus II	4
MATH 2422 (800:062)	Calculus III	4
MATH 2500 (800:076)	Linear Algebra for Applications	3
MATH 4420/5420 (800:140g)	Advanced Calculus I	3
Electives: 100/2000/3000/4000-level economics courses (except ECON 3077 (920:177))		15
Total Hours		36

3. **Business Economics** (39 hours)

Students who select this emphasis must satisfy the College of Business Administration (CBA) admission requirements before they can officially declare their major. A copy of the Admission, Retention, and Graduation Policy may be obtained from UNI Business Advising (CBB 5) in the College of Business Administration. Prior to completion of the admission requirements, students may sign an intent to major in Economics/Business Economics and be classified as a prospective (pre)major. Pre-Economics/ Business Economics majors may enroll in lower division (below 100/2000/3000/4000-level) business courses only. Enrollment in upper division (100/2000/3000/4000-level) business courses and MKTG 2110 (130:101) requires satisfactory completion of the CBA admission requirements and any course prerequisites.

Economics/Business Economics majors *may* declare a double major, and/or major and minor within the College of Business Administration, subject to the regulations of those CBA departments affected. Economics/Business Economics majors minoring within the CBA must select minors designated for business majors.

To graduate with an Economics/Business Economics major from the College of Business Administration, a student must earn at least 50% of the business credit hours required for the major at UNI. Students must take at least 50% of the course work required for the degree outside the College of Business Administration. Up to nine hours of economics (excluding ECON 1021 (920:020)), and six hours of statistics may be counted as outside the College of Business Administration. A student must also complete ECON 1041 (920:053) , ECON 1051 (920:054) , ECON 2122 (920:103) , and ECON 2112 (920:104) with at least a C- in each course whether taken at UNI or an institution from which transfer credit for these courses is accepted; must earn a 2.20 cumulative grade point average at UNI; must earn an overall 2.20 grade point average in ACCT xxxx/120:xxx, MKTG xxxx/130:xxx, MGMT xxxx/150:xxx, FIN xxxx/160:xxx, and ECON xxxx/920:xxx courses taken at UNI; and earn a 2.50 or better, in all 920:xxx courses taken at UNI excluding ECON 1021 (920:020) , ECON 1031 (920:024) , ECON 1011 (920:070) , ECON 3077 (920:177) and ECON 3179 (920:179) . Students given permission to graduate out-of-residence must earn a 2.20 or better in all courses approved and accepted for out-of-residence credit.

Required business core

Accounting:		
ACCT 2120 (120:030)	Principles of Financial Accounting	3
ACCT 2130 (120:031)	Principles of Managerial Accounting	3
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing	3
Management:		
MGMT 2080 (150:080)	Introduction to Information Systems	3
MGMT 3100 (150:100)	Legal and Social Environment of Business	3
MGMT 3153 (150:153)	Organizational Management	3
MGMT 3154 (150:154)	Operations Management	3
MGMT 4175 (150:175)	Business Policy and Strategy	3
Finance:		
FIN 3130/5130 (160:151g)	Corporation Finance	3

Economics:

ECON 1021 (920:020)	Introduction to Decision Techniques	3
ECON 1011 (920:070)	Business Statistics	3
Electives: 100/2000/3000/4000-level economics courses		6
Total Hours		39

4. **Applied Economic Analysis**

Required

Accounting:

ACCT 2120 (120:030)	Principles of Financial Accounting	3
ACCT 2130 (120:031)	Principles of Managerial Accounting	3

Management:

MGMT 2080 (150:080)	Introduction to Information Systems	3

Finance:

FIN 3130/5130 (160:151g)	Corporation Finance	3
FIN 3160/5160 (160:152g)	Principles of Investments	3
Select one of the following:		3
FIN 3050 (160:162)	Risk Management and Insurance	
FIN 3135 (160:161)	Intermediate Financial Management	
FIN 3170/5170 (160:153g)	Commercial Bank Management	

Mathematics:

MATH 1140 (800:046)	Precalculus	4
MATH 1420 (800:060)	Calculus I	4
MATH 1421 (800:061)	Calculus II	4

Economics:

ECON 1011 (920:070)	Business Statistics	3
ECON 2132 (920:113)	Money and Banking	3
ECON 3269/5269 (920:168g)	Mathematical Economics	3
Electives: 100/2000/3000/4000-level economics courses.		3
Total Hours		42

Students successfully completing the requirements for a Mathematics major (any emphasis) may waive ECON 1011 (920:070) and ECON 3269/5269 (920:168g) in the Applied Economic Analysis emphasis. However, Applied Economic Analysis majors who drop or fail to complete the Mathematics major for any reason will be required to take ECON 1011 (920:070) , ECON 3269/5269 (920:168g) , MATH 1420 (800:060) , and MATH 1421 (800:061) before graduation.

Minors
Economics Minor-Liberal Arts

Required

Economics:

ECON 1041 (920:053)	Principles of Macroeconomics	3

ECON 1051 (920:054)	Principles of Microeconomics	3
ECON 2112 (920:104)	Intermediate Microeconomic Theory	3
ECON 2122 (920:103)	Intermediate Macroeconomic Theory	3
Electives: 100/2000/3000/4000-level economics courses. *		6
Total Hours		18

*	ECON 2122 (920:103) and ECON 2112 (920:104) recommended to be taken before other advanced courses in economics.

Available to all UNI majors, except Economics majors.

Note: ECON 1041 (920:053) and ECON 1051 (920:054) are prerequisites for all 100/2000/3000/4000-level economics courses.

Department of Educational Leadership and Postsecondary Education

(College of Education)

www.uni.edu/coe/elpe

The Department of Educational Leadership and Postsecondary Education offers the following graduate programs and program certificates. (There are no undergraduate majors or minors in the Department of Educational Leadership and Postsecondary Education.) Specific requirements for these graduate programs and program certificates are listed within this Department of Educational Leadership and Postsecondary Education section in the following order:

Graduate Major (M.A.)

- Postsecondary Education: Student Affairs
- Teacher Leadership for International Educators

Graduate Major (M.A.E.)

- Principalship

Graduate Major (Ed.D.)

- Doctor of Education: Educational Leadership intensive study area (for all requirements see website www.uni.edu/catalog/collegeofeducation - for PDF version see listing for "College of Education" under the "Interdisciplinary" section of this university catalog.)

Program Certificates

- Advanced Studies Certificate in Educational Leadership
  - Emphasis: Principalship
  - Emphasis: Superintendency Preparation

Master of Arts Degree Program

Major in Postsecondary Education: Student Affairs

This major is designed to prepare an individual for a career in the administration of student affairs programs in college and university settings.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Educational Leadership and Postsecondary Education for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*. (Also www.uni.edu/coe/departments/educational-leadership-postsecondary-education).

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **thesis** and **non-thesis** options. The **thesis** option requires a **minimum of 44 semester hours,** and the **non-thesis** option requires a **minimum of 38 semester hours. A minimum of thirty-two (32) hours of 200/6000-level course work is required for the thesis option. A minimum of thirty (30) hours of 200/6000-level course work is required for the non-thesis option.**

Students will be required to complete and present a portfolio for the exit requirement.

POSTSEC 6218 (170:218)	Organization and Governance of Postsecondary Education	3
POSTSEC 6231 (170:231)	Assessment in Postsecondary Education	3
POSTSEC 6260 (170:260)	History of U.S. Higher Education	3
POSTSEC 6264 (170:264)	Introduction to Student Affairs	3
POSTSEC 6266 (170:266)	Administration of Student Affairs	3
POSTSEC 6270 (170:270)	College Student Development	3
POSTSEC 6289 (170:289)	Seminar in Postsecondary Education	3
POSTSEC 6290 (170:290)	Practicum in Postsecondary Education (two are required for 6 hrs) *	6
POSTSEC 6271	Portfolio Development (1 credit course--must be taken twice)	2
POSTSEC 6273	Research in Student Affairs	3
Electives may include, but are not limited to, the following:		6
POSTSEC 6250 (170:250)	Teaching in College	

POSTSEC 6256 (170:256)	The Two-Year College	
POSTSEC 6272	College Effects on Students	
POSTSEC 6285 (170:285)	Readings in Postsecondary Education	
POSTSEC 6291 (170:291)	Internship in Postsecondary Education (May be repeated for maximum of 6 hrs)	
Educational Psychology:		
EDPSYCH 6214 (200:214)	Foundations of Instructional Psychology	
EDPSYCH 6235 (200:235)	Theories of Human Development	
Measurement and Research:		
MEASRES 6205 (250:205)	Educational Research	
Communication Studies:		
COMM 4344/5344 (48C:151g)	Intercultural Communication	
COMM 4346/5346 (48C:153g)	Gender Issues in Communication	
Counseling:		
COUN 4105/5105 (290:105g)	Counseling Skills	
COUN 6225 (290:225)	Facilitating Career Development	
COUN 6256 (290:256)	Multicultural Counseling	
Research:		
POSTSEC 6299 (170:299)	Research	
Total hours for non-thesis option (may include 3 hrs. of POSTSEC 6299 (170:299) as an elective choice)		38

Thesis Option add

POSTSEC 6299 (170:299)	Research	6
Total Hours thesis option		44

* **Note:** Upon advisement, some students may substitute course work for practicum. A license to teach is not required for this major.

Major in Teacher Leadership for International Educators

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Educational Leadership and Postsecondary Education for other application requirements. Graduate information and application for graduate admission can be found at www.grad.uni.edu/admission. (Also http://www.uni.edu/coe/departments/educational-leadership-postsecondary-education).

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **non-thesis** option only. A **minimum of 32 hours** is required on the non-thesis option. **A minimum of 22 hours of 200/6000-level course work is required for the non-thesis option.** Students must be currently teaching in an international school to be eligible for this program.

Successful completion of a final oral portfolio defense, as well as an extensive action research project is required prior to graduation. This program is offered to cohort groups of 15-20 students through synchronous and asynchronous instruction. New cohort groups start each year at the beginning of the spring semester.

Required

Measurement and Research:		
MEASRES 6205 (250:205)	Educational Research	3
TESOL/Applied Linguistics:		
TESOL 6286 Studies in Multilingual Contexts		3
Additional educational leadership courses:		
Educational Leadership:		
EDLEAD 6210	Culturally Relevant Teaching & Leading	3
EDLEAD 6212	Teacher Leadership in International Schools	3
EDLEAD 6240	Technology for School Leaders	2
EDLEAD 6248	Leading Instruction in Schools	3
EDLEAD 6249 (270:249)	Leading Learning, Teaching, and Curriculum	3
EDLEAD 6282 (270:282)	Leading School Growth and Improvement	2
EDLEAD 6284 (270:284)	Evaluator Approval for Improved Student Learning	3
EDLEAD 6286 Studies in Orientation to TLMS and Educational Leadership		2
EDLEAD 6291 (270:291)	Internship	1
EDLEAD 6294	Capstone TLMS	1
EDLEAD 7319 (270:319)	Power, Politics, and Ethics in School District Leadership	3
Total Hours		32

Master of Arts in Education Degree Program

Major in Principalship

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Educational Leadership and Postsecondary Education for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*. (Also http://www.uni.edu/coe/departments/educational-leadership-postsecondary-education).

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **thesis** and **non-thesis** options. A **minimum of 43 semester hours** is required on the thesis option; a **minimum of 37 hours** is required on the non-thesis option. **A minimum of 32 hours of 200/6000-level course work, including 6 hours of EDLEAD 6299 (270:299), is required for the thesis option. A minimum of 32 hours of 200/6000-level course work is required for the non-thesis option.**

Successful completion of a final oral comprehensive examination is required for the thesis option. The student must complete the usual degree and licensure/endorsement requirements and must complete a minimum of one year of successful teaching appropriate to the major prior to graduation. For endorsement the student must have three years of teaching experience at either the elementary or secondary level. This program is offered to cohort groups of 20-25 students on and off campus over the ICN, through the Web, and in face-to-face instructional sessions. This program will require the student to participate in the All Iowa cohort group or in the Urban Education Network (UEN) group for a period of two or three years. New cohort groups start each year at the beginning of the fall semester.

Required program courses

Educational Psychology:		
EDPSYCH 6214 (200:214)	Foundations of Instructional Psychology	3
or		
EDLEAD 6248	Leading Instruction in Schools	
Special Education:		
SPED 6260 (220:260)	Special Education Law and Policy	3
Measurement and Research:		
MEASRES 6205 (250:205)	Educational Research	3
Additional educational leadership courses		
Educational Leadership:		25
EDLEAD 6206 (270:206)	Orientation to ISSL and Educational Leadership	
EDLEAD 6232 (270:232)	School Governance, Law and Intersystems Relations	
EDLEAD 6245 (270:245)	Leadership for Effective Schools	
EDLEAD 6247 (270:247)	School Management for Student Learning	
EDLEAD 6249 (270:249)	Leading Learning, Teaching, and Curriculum	
EDLEAD 6282 (270:282)	Leading School Growth and Improvement	
EDLEAD 6284 (270:284)	Evaluator Approval for Improved Student Learning	
EDLEAD 6289 (270:289)	Seminar in Educational Leadership	
EDLEAD 6225	Activities Administration	

or

EDLEAD 6235	Community Connections	
EDLEAD 6240	Technology for School Leaders	
Educational Leadership:		
EDLEAD 6291 (270:291)	Internship	2
EDLEAD 6292 (270:292)	Capstone ISSL	1
Total hours non-thesis Option		37

Thesis Option add

EDLEAD 6299 (270:299)	Research	6
Total Hours thesis option		43

Doctor of Education Degree Program

(For all requirements see website www.uni.edu/catalog/collegeofeducation - for PDF version see listing for "College of Education" under the "Interdisciplinary" section of this university catalog.)

Students interested in the Doctor of Education (Ed.D.) degree must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the appropriate Intensive Study Area (ISA) for any other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*. The Graduate Record Examination (GRE) **is** required for admission to the program.

This program is intended to provide practicing educators, in formal and nonformal settings, the opportunity to continue their study and earn the terminal professional degree in their field. The Ed.D. degree requires a **minimum of 60 semester hours of credit beyond the master's degree** There are three components to the program:

Professional Common Core (work in educational foundations, fundamentals, and research)	27
Advanced Professional Study (in one of three areas of intensive study)	27
Dissertation	6
Total Hours	60

By design, *all* students are required to study in basic areas that undergird and define educational practice and develop skills of problem definition, data collection and analysis, and interpretation. The three areas of intensive study provide for a specialized focus on practice. The three intensive study areas (ISAs) are:

- *Allied Health, Recreation, and Community Services*
- *Curriculum and Instruction*
- *Educational Leadership*

Note: Students interested in special education with the Curriculum and Instruction ISA or the Educational Leadership ISA should consult the respective ISA descriptions for further information.

In some areas, it is possible to combine doctoral degree study with work toward an endorsement to perform a particular role in K-12 education.

Brief definitions of the three ISAs follows:

Allied Health, Recreation, and Community Services

This area of intensive study is designed to provide students with advanced planning, management, supervision and evaluation of programs in the community and its institutions. The combined areas of allied health, recreation and community services are diverse professional areas knitted together by a unified commitment to enhancing, enriching and sustaining individual well-being and quality of life. Each of these areas contributes unique and different professional perspectives, yet, at the same time, focuses on the individual and collective well-being of people, communities and society as a whole. Graduates are prepared for careers as applied scholars, evaluators, athletic administration, administrators of community nonprofit organizations, youth serving agencies, public parks and recreation agencies, foundations, and government agencies. The program of study will be based upon student's needs, interests, and upon approval by an academic advisor and program of study committee. (For more information, contact the Chair of Leisure, Youth and Human Services Division, the Health Promotion and Education Division, or the Athletic Training Division in the School of Kinesiology, Allied Health and Human Services.)

Curriculum and Instruction

This area of intensive study is designed to prepare scholar practitioners to plan, implement, evaluate, and supervise educational programs for children, from infancy through adolescence, and adult learners, inclusive of a wide variety of diversity. Faculty in this intensive study area come from many departments and disciplines, including but not limited to prekindergarten through tertiary curriculum and pedagogy; foundations of education in psychology, philosophy, social sciences; disability studies, gifted and talented, and multicultural education; literacy education; instructional technology, school library studies; and P-12 content areas such as mathematics, physical education, science, social studies, and language arts. Students interested in becoming special education scholar-practitioners to plan, implement, evaluate, and supervise educational programs for children and adult learners with an emphasis on inclusion and diversity will apply for admission through the Curriculum and Instruction Intensive Study Area. For more information see http://www.uni.edu/coe/departments/curriculum-instruction/graduate-study/doctoral-study.

Educational Leadership

This area of intensive study in education administration prepares personnel for leadership positions in PK-12 schools, post-secondary institutions, and other educational services or settings. Typical positions held by educators with the terminal degree focused on educational leadership include: principals, superintendents, school district central office administrators, professors of educational leadership, special education directors at the Area Education Agency level or Department of Education administrators and consultants. Students interested in special education administration will apply for admission through Educational Leadership and Postsecondary Education. (For more information, contact the Head, Department of Educational Leadership and Postsecondary Education, or please see the catalog at www.uni.edu/catalog.uni.edu/collegeofeducation/educationalleadershipandpostsecondaryeducation or visit the Department of Educational Leadership and Postsecondary Education website at www.uni.edu/coe/departments/educational-leadership-postsecondary-education.

Program Certificates

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following program certificates contact the Department of Educational Leadership and Postsecondary Education or the Office of the Registrar, which serves as the centralized registry.

Advanced Studies Certificate in Educational Leadership

Emphasis: Principalship

This is a post-master's program consisting of a minimum of 37 semester hours leading to the issuance of an Advanced Studies Certificate in Educational Leadership. The purpose of this program is to allow the student to broaden and sharpen her/his skills in competency areas. This is solely for the purpose of gaining endorsement in the Principalship.

The program will consist of a minimum of 37 semester hours in graduate studies in the area of educational leadership and/or related studies.

Required

Educational Psychology:		
EDPSYCH 6214 (200:214)	Foundations of Instructional Psychology	3
or		
EDLEAD 6248	Leading Instruction in Schools	
MEASRES 6205 (250:205)	Educational Research	3
Special Education:		
SPED 6260 (220:260)	Special Education Law and Policy	3
Educational Leadership:		25
EDLEAD 6206 (270:206)	Orientation to ISSL and Educational Leadership	
EDLEAD 6232 (270:232)	School Governance, Law and Intersystems Relations	
EDLEAD 6245 (270:245)	Leadership for Effective Schools	
EDLEAD 6247 (270:247)	School Management for Student Learning	
EDLEAD 6249 (270:249)	Leading Learning, Teaching, and Curriculum	
EDLEAD 6282 (270:282)	Leading School Growth and Improvement	
EDLEAD 6284 (270:284)	Evaluator Approval for Improved Student Learning	
EDLEAD 6289 (270:289)	Seminar in Educational Leadership	
EDLEAD 6225	Activities Administration	
or		
EDLEAD 6235	Community Connections	
EDLEAD 6240	Technology for School Leaders	

Educational Leadership Internship:		
EDLEAD 6291 (270:291)	Internship	2
EDLEAD 6292 (270:292)	Capstone ISSL	1
Total Hours		37

Emphasis: Superintendency Preparation Program

The superintendent preparation program consists of 33 hours which includes a four hour Seminar in Educational Leadership delivered in three separate segments (2 credit hours, 1 credit hour, 1 credit hour); six 3-credit hour courses, one 2-credit hour course, and 9 credit hours of internship requiring 450 contact hours in multiple school districts.

Required

Educational Leadership:		
EDLEAD 7310 (270:310)	Human Resource Administration	3
EDLEAD 7311 (270:311)	Educational Leadership and Systems Change	3
EDLEAD 7315 (270:315)	Leading Teaching, Learning and Assessment	3
EDLEAD 7318 (270:318)	Evaluation of Administrators	2
EDLEAD 7319 (270:319)	Power, Politics, and Ethics in School District Leadership	3
EDLEAD 7340 (270:340)	Funding the Educational Program for Improved Student Achievement	3
EDLEAD 7346 (270:346)	School Business Management	3
Educational Leadership seminar:		
EDLEAD 7389 (270:389)	Seminar in Educational Leadership [*]	4
Educational Leadership work toward development of internship plan:		
EDLEAD 7391 (270:391)	Internship in Educational Leadership	1
Educational Leadership internship:		
EDLEAD 7391 (270:391)	Internship in Educational Leadership	8
Total Hours		33

[*]   2 hours, 1 hour, 1 hour/two weekends.

Internship

The nine credit hours of internship is designed to "provide opportunities for candidates to identify and experience the complexities of the superintendency in a structured, accountable manner."

To ensure that candidates have a range of experiences and "the program provides enough opportunities for candidates to identify and experience the complexities of the superintendency in a structured, accountable manner," each course in the Superintendent Preparation Program will have a knowledge module (what the

superintendent should know) and a field performance module (what the superintendent should be able to do).

The internship requires a minimum of 450 hours. The field performance module (course assigned internship activities) requirements are expected to total between 210 and 280 hours. In addition to the course assigned internship activities, the candidate's Internship Plan will be guided by experience needs of the candidate in the areas of Leader of Learners, Leader of Service, and Leader of Change.

The Internship requires a meaningful long-term (substantial) clinical experience within a district. This extended experience combines with the performance module (course assigned) internship activities to form the candidate's Internship Plan.

Each candidate will have a lead mentor, approved by the Educational Leadership faculty, who will guide the candidate throughout the internship experience. Even though some clinical experiences may take place in another district or districts, the lead mentor will serve as a sounding board while providing coaching and support. In addition to the lead mentor, each candidate will have at least one other mentor (mentor with special expertise), approved by the faculty, to ensure diversity of school size, diversity of thought, diversity of expertise, and diversity of experiences. While a candidate may use a mentor from his or her district of employment who meets the Mentor Selection Criteria, the candidate must also have an approved mentor (lead mentor or mentor with special expertise) outside the district of employment.

Assessment

A performance-based program requires evidence that Iowa Standards for School Leaders (ISSL) and 16 superintendent leadership exit proficiencies are met. Standards and proficiencies must be demonstrated through work products that clearly show skill development and an expansive knowledge base.

Department of Educational Psychology and Foundations

(College of Education)
www.uni.edu/coe/epf

The Department of Educational Psychology and Foundations offers the following graduate programs and undergraduate minor. The specific requirements for these graduate programs and undergraduate minor are listed in the following order:

Minor

- Educational Studies

Graduate Majors (M.A.E.)

- Educational Psychology: Context and Techniques of Assessment
- Educational Psychology: Professional Development for Teachers

Graduate Major (Ed.S.)

- Specialist in Education: School Psychology

Minor Programs
Educational Studies Minor

The Educational Studies minor is intended for students who are interested in the intersection of learning, education and society. Coursework provides opportunities for students to study the learning process, the organization of schooling, its links to broader political and historical contexts, and the potential of educational systems to bring about social change. **This interdisciplinary program is designed specifically for undergraduates *not* majoring in teacher education** and is offered jointly by the College of Education, the College of Social and Behavioral Sciences, the College of Business, and the College of Humanities, Arts and Sciences.

 The Educational Studies minor can be a valuable program addition for students pursuing careers in the social and behavioral sciences, law, social justice, or youth services. The minor is appropriate for non-teacher education majors who want to enhance their understanding of educational policy; for students who plan careers in fields where they might deal with issues related to educational institutions; and for students interested in a broad introduction to educational issues they have confronted as students as well as those they will confront as citizens and parents.

The Educational Studies minor is administered through the Department of Educational Psychology and Foundations and is under the supervision of the Educational Studies Advisory Committee. Curriculum requirements consist of one core course and a minimum of twelve credit hours of electives from the courses listed below. Students may petition the Educational Studies Advisory Committee to add a relevant course not currently listed. For more information, contact the Department of Educational Psychology and Foundations office, Schindler 617, 319-273-2694, or the department web site www.uni.edu/coe/departments/educational-psychology-foundations.

I. Required

Please select at least one of the following (if course is selected as a required course, it may not be chosen as an elective course from below)		3
EDPSYCH 2030 (200:030)	Dynamics of Human Development	
SOCFOUND 3119 (260:119)	Schools and American Society	

II. Electives		12
Choose four courses from the following list of courses with at least one course from: Category A and one Course from either Category B or C.		
Category A: Psychological/Development Perspectives		
EDPSYCH 2030 (200:030)	Dynamics of Human Development	
EDPSYCH 4118/5118 (200:118g)	Mental Health and Well-Being in the Classroom	
EDPSYCH 4140/5140 (200:140g)	Social Psychology in Educational Contexts	
PSYCH 3404/5404 (400:106g)	Psychology of Human Differences	
THEATRE 3100/ CAP 3106 (CAP:106)	Theatre in Education	

Category B: Sociological/Historical/Philosophical Perspectives

CAP 3190	Idea of the University	
EDPSYCH 4232/5232	Risk and Resilience: Child, Family, School and Community Factors	
SOCFOUND 3119 (260:119)	Schools and American Society	
SOCFOUND 4134/5134 (260:134g)	History of Education	
SOCFOUND 4234/5234	Philosophy of Education	

Category C: Political/Economic/Policy Perspectives

EDLEAD 4319	Political and Ethical Issues in Education	
EDPSYCH 4188/5188 (200:188g)	Current Approaches to Multicultural Education	
POL AMER 4176/5176 (942:176g)	Topics in Public Policy	
SPED 4180/5180	Interdisciplinary Study of Disability	
TESOL 4720/5720 (630:196g)	Bilingual Education in the Public Schools	
Total hours		15

III. Practicum and Research Experience - (OPTIONAL, up to 6 hrs.)

EDPSYCH 4180/5180 (200:180g)	Community Service: Academic Skills Achievement Center	
EDPSYCH 4198 (200:198)	Independent Study	

Master of Arts in Education Degree Programs

Major in Educational Psychology: Context and Techniques of Assessment

This major is designed for students planning further graduate studies in educational or school psychology.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Educational Psychology and Foundations for any other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is** required for admission to the program.

Only graduate courses (course number 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **thesis** and **non-thesis** options. **A minimum of 35 semester hours** is required for the **thesis** option and **a minimum of 32 semester hours** for the **non-thesis** option. **A minimum of 15 hours 200/6000-level course work is required for the thesis option. A minimum of 12 hours 200/6000-level course work is required for the non-thesis option.**

Required professional core

Educational Psychology:		
EDPSYCH 6214 (200:214)	Foundations of Instructional Psychology	3
Measurement and Research:		
MEASRES 6205 (250:205)	Educational Research	3
Professional Studies		3 or 6
Thesis Option (6 hours)		
EDPSYCH 6299 (200:299)	Research	
Non-Thesis Option (3 hours)		
EDPSYCH 6285 (200:285)	Readings	
EDPSYCH 6288	M.A.E. Practicum in Education and Psychology	
EDPSYCH 6299 (200:299)	Research	

Context and Techniques of Assessment:

Educational Psychology:		
EDPSYCH 4176/5176 (200:176g)	Learning and Behavioral Problems in Education	3
or SPED 4180/5180	Interdisciplinary Study of Disability	
EDPSYCH 6240 (200:240)	Introduction to School Psychology	3
EDPSYCH 6280 (200:280)	Psychological Consultation in Schools	3
Measurement and Research:		
MEASRES 6281 (250:281)	Statistics and Measurement	3
MEASRES 6282 (250:282)	Individual Intellectual Assessment	4
MEASRES 6283 (250:283)	Academic Assessment and Intervention	4
Literacy Education:		
LITED 6238 (230:238)	Advanced Assessment and Evaluation of Literacy Development	3
Total hours for non-thesis option		32
Total hours for thesis option		35

Major in Educational Psychology: Professional Development for Teachers

This degree program is specially designed to fulfill the professional development needs of experienced teachers. The intent of the program is to enable participants to increase their knowledge base in content areas or to develop expertise in new content areas while sharpening their understanding and skills as classroom teachers. The program seeks to provide a course of study directly tied to teaching practice, in which course selection, student learning, and required research are organized around issues and problems which teachers view as important. The degree program provides ample opportunity for exploring the relationship between theory and practice, with a focus on improving student learning. The program presents a variety of opportunities for peer collaboration, development of strategies for implementing innovations in classroom practice, and thoughtful analysis of contemporary issues and problems facing teachers.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Educational Psychology and Foundations for any other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course number 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This degree program invites participation from early childhood, elementary, middle school, and high school teachers. This major is available on the **thesis** and **non-thesis** options. A **minimum of 36 semester hours** is required for the **thesis option** and **a minimum of 33 semester hours** for the **non-thesis** option. The thesis or research paper is expected to explore a topic that will improve classroom practice and student learning. **A minimum of 15 hours of 200/6000-level course work is required for the thesis option. A minimum of 12 hours of 200/6000-level course work is required for the non-thesis option.**

Required professional core

Educational Psychology:		
EDPSYCH 6214 (200:214)	Foundations of Instructional Psychology	3
Measurement and Research:		
MEASRES 6205 (250:205)	Educational Research	3
Social Foundations:		
SOCFOUND 4234/5234	Philosophy of Education	3
Research: xxxx:299		3 or 6
Thesis Option (6 hrs)		
Non-thesis Option (3 hrs)		

Hours from each of the following three professional components areas (selected in consultation with advisor and requires approval of the Graduate Coordinator) - 21 hours minimum:

Component I: Advanced professional course work	8-12
Component II: Theoretical-philosophical course work	5-9
Component III: Advanced academic course work taken from one department	8-12

On-campus cohort candidates should follow these three professional components when selecting coursework. However, online cohorts and non-cohort candidates may take the following seven courses (3 hours each) to fulfill the professional components:

Educational Psychology:		
EDPSYCH 4176/5176 (200:176g)	Learning and Behavioral Problems in Education	
EDPSYCH 4188/5188 (200:188g)	Current Approaches to Multicultural Education	
EDPSYCH 6235 (200:235)	Theories of Human Development	
Educational Leadership:		
EDLEAD 6282 (270:282)	Leading School Growth and Improvement	

Elementary Education and Early Childhood:		
ELEMECML 6201 (210:201)	Issues and Trends in Curriculum	
Instructional Technology		
INSTTECH 6240 (240:240)	Understanding Instructional Design	
On-campus candidates are not precluded from using courses on this list to fulfill any or all of their professional component elective credit hours.		

Thesis option total	36
Non-thesis option total	33

Specialist in Education Degree Program

The major in School Psychology at the University of Northern Iowa leading to the Specialist in Education Degree involves breadth of preparation as well as depth in a particular field of specialization.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Educational Psychology and Foundations for other application requirements and detailed information on the School Psychology major. Graduate information and application for graduate admission can be found at www.grad.uni.edu/admission**.** For requirements concerning admission, program approval, candidacy, scholarship, residence, examinations, thesis, and graduation for the Specialist in Education Degree see the "Graduate Information" section of this University Catalog.

Only graduate courses (course number 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

Course work requirements for the Specialist in Education Degree are defined in terms of a three-year graduate program, including internship and work taken on the master's degree. A **minimum of 68 semester hours** beyond the bachelor's degree is required for completing the program.

The School Psychology major is open to students who hold a master's degree from an accredited graduate school, and who meet the requirements set forth below.

Major in School Psychology

Admission to the Ed.S. program in School Psychology requires an earned, accredited master's degree and a prior graduate preparation equivalent to UNI's M.A.E. in Educational Psychology with an emphasis in Context and Techniques of Assessment.

The Graduate Record Examination (General Test) **is** required for admission to the program.

Students with deficiencies will be notified prior to admission. Any deficiencies in the student's background will be *added* to the student's Ed.S. program requirements.

This major is available on the **thesis** option and **non-thesis** option.

For the thesis option, a **minimum of 39 semester hours** is required. For the non-thesis option, a **minimum of 36 semester hours** is

required. **A minimum of 15 hours of 2000/6000-level course work is required for either option.** Successful completion of a final oral and written examination is required.

Required

Educational Psychology:

EDPSYCH 4232/5232	Risk and Resilience: Child, Family, School and Community Factors	3
EDPSYCH 6270	Behavioral Interventions in School Settings	3
EDPSYCH 6272	Systems Consultation	3
Measurement and Research:		
MEASRES 6284 (250:284)	Psychosocial Assessment	4
MEASRES 6287	Early Childhood Assessment and Intervention	3
Professional Studies:		
EDPSYCH 6290 (200:290)	Ed.S. Practicum in Education and Psychology	5
EDPSYCH 6291 (200:291)	Internship in School Psychology	6
Special Education:		
SPED 6260 (220:260)	Special Education Law and Policy	3
Counseling & Behavior Modification		
One of the following:		3
COUN 6254 (290:254)	Counseling Children and Adolescents	
PSYCH 6407 (400:272)	Evidence Based Treatment	
Thesis Option		6
EDPSYCH 6299 (200:299)	Research	
Non-Thesis Option		3
MEASRES 6260	Monitoring Progress in Individuals and Groups	
Total hours		36-39

Department of Finance

(College of Business Administration)

www.cba.uni.edu/finance

The Department of Finance offers the following undergraduate programs and program certificate. Specific requirements for these programs are listed within this Department of Finance section in the following order:

Undergraduate Majors (B.A.)

- Finance
- Real Estate

Minors

- Finance (for Business and Non-Business Majors)

- Real Estate-Business
- Real Estate

Program Certificates

- Financial Analysis
- Financial and Real Estate Sales for Business Majors (also listed in Department of Marketing)

Note: Students majoring in Finance and/or Real Estate must satisfy the College of Business Administration (CBA) admission requirements before they can officially declare their major. A copy of the Admission, Retention, and Graduation Policy may be obtained from UNI*Business* Advising in the College of Business Administration or at http://business.uni.edu/web/pages/currentstudents/advisingcenter-collegepolicies.cfm.Prior to completion of the admission requirements, students may sign an intent to major in Finance or Real Estate and be classified as a prospective (pre)major. Pre-Finance and Pre-Real Estate majors may enroll in lower division (below 100/3000-level) business courses only. Enrollment in upper division (100/3000/4000-level) business courses and MKTG 2110 (130:101) requires satisfactory completion of the CBA admission requirements and any course prerequisites.

Finance and Real Estate majors *may* declare a double major, and/or major and minor within the College of Business Administration, subject to the approval of the other CBA departments involved. Finance and Real Estate majors minoring within the CBA must select minors designated for business majors. Finance majors cannot minor in Finance, and Real Estate majors cannot minor in Real Estate. However, Finance majors may double major or minor in Real Estate, and Real Estate majors may double major in Finance or minor in Finance. Also, not more than one emphasis area may be declared in Finance.

To graduate with a major in Finance or Real Estate from the College of Business Administration, a student must earn at least 50% of the business credit hours required for the major at UNI. Students must take at least 50% of the course work required for the degree outside the College of Business Administration. Up to nine hours of economics (excluding ECON 1021 (920:020)), and six hours of statistics may be counted as outside the College of Business Administration. A student must earn a 2.20 cumulative grade point average at UNI; and must earn an overall 2.20 grade point average in ACCT xxxx/120:xxx, MKTG xxxx/130:xxx, MGMT xxxx/150:xxx, FIN xxxx/160:xxx, and ECON xxxx/920:xxx courses taken at UNI. Students given permission to graduate out-of-residence must earn a 2.20 or better in all courses approved and accepted for out-of-residence credit.

The Finance Department may impose additional admission requirements for students wishing to declare a minor or a second CBA major. Eligibility to declare a minor or a second CBA major is based on competitive GPA and space availability. Students may obtain a copy of these requirements from UNI*Business Advising* (CBB 5) in the College of Business Administration.

Bachelor of Arts Degree Programs
Finance Major

The Finance major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following

specified major requirements, plus electives to complete the minimum of 120 hours.

Required business core

Business Administration, Interdepartmental:		
BUSINESS 1000 (100:010)	Introductory Seminar for Business Professionals	0
BUSINESS 2000 (100:020)	Business Professionals in Training	0
Accounting:		
ACCT 2120 (120:030)	Principles of Financial Accounting	3
ACCT 2130 (120:031)	Principles of Managerial Accounting	3
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing	3
Management:		
MGMT 2080 (150:080)	Introduction to Information Systems	3
MGMT 3100 (150:100)	Legal and Social Environment of Business	3
MGMT 3153 (150:153)	Organizational Management	3
MGMT 3154 (150:154)	Operations Management	3
MGMT 4175 (150:175)	Business Policy and Strategy	3
Finance:		
FIN 3130/5130 (160:151g)	Corporation Finance	3
Economics:		
ECON 1011 (920:070)	Business Statistics	3
ECON 1021 (920:020)	Introduction to Decision Techniques	3
ECON 1041 (920:053)	Principles of Macroeconomics	3
ECON 1051 (920:054)	Principles of Microeconomics	3
Required Finance		
FIN 3135 (160:161)	Intermediate Financial Management	3
FIN 3160/5160 (160:152g)	Principles of Investments	3
FIN 4145 (160:171)	Advanced Financial Management	3
Emphasis Requirements		9
Students select one area of emphasis below		
Total Hours		57

Emphases:
Financial Management

Electives		9
Finance:		
FIN 3032/5032 (160:158g)	International Financial Management	
FIN 3034 (160:154)	Financial Information Systems and Analysis	
FIN 3055 (160:163)	Insurance Company Operations	

FIN 3065/5065 (160:157g)	Fixed Income Analysis	
FIN 3125 (160:141)	Real Estate Finance [*]	
FIN 3170/5170 (160:153g)	Commercial Bank Management	
FIN 4140/5140 (160:156g)	Topics in Financial Management (sections 1, 2, 3, and 4)	
Economics:		
ECON 2132 (920:113)	Money and Banking	
Total Hours		9

Investments

Required		
Finance:		
FIN 4140/5140 (160:156g)	Topics in Financial Management (section 2)	3
FIN 4140/5140 (160:156g)	Topics in Financial Management (section 3)	3
Electives		3
Finance:		
FIN 3032/5032 (160:158g)	International Financial Management	
FIN 3034 (160:154)	Financial Information Systems and Analysis	
FIN 3065/5065 (160:157g)	Fixed Income Analysis	
FIN 3125 (160:141)	Real Estate Finance [*]	
FIN 3170/5170 (160:153g)	Commercial Bank Management	
Total Hours		9

Financial Institutions

FIN 3125 (160:141)	Real Estate Finance	3
FIN 3170/5170 (160:153g)	Commercial Bank Management	3
Electives		3
Finance:		
FIN 3032/5032 (160:158g)	International Financial Management	
FIN 3034 (160:154)	Financial Information Systems and Analysis	
FIN 3050 (160:162)	Risk Management and Insurance	
FIN 3055 (160:163)	Insurance Company Operations	
FIN 3065/5065 (160:157g)	Fixed Income Analysis	
Economics:		
ECON 2132 (920:113)	Money and Banking	
Total Hours 9		

Personal Wealth Management

Required Courses

FIN 3050 (160:162)	Risk Management and Insurance	
FIN 3040	Introduction to Personal Financial Planning	
FIN 4040	Personal Wealth Management	

Total Hours 9

*   Students who major in both Finance and Real Estate may not use FIN 3125 (160:141) to satisfy the requirements of the Finance major.

**   In addition to the required 57 hours, ECON 1021 (920:020) and ECON 1011 (920:070) have as a prerequisite STAT 1772 (800:072) or equivalent. STAT 1772 (800:072) will satisfy Category 1C of the Liberal Arts Core.

***   FIN 3034 (160:154) may be chosen if not selected as required course.

Real Estate Major

The Real Estate major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required business core

Business Administration, Interdepartmental:		
BUSINESS 1000 (100:010)	Introductory Seminar for Business Professionals	0
BUSINESS 2000 (100:020)	Business Professionals in Training	0
Accounting:		
ACCT 2120 (120:030)	Principles of Financial Accounting	3
ACCT 2130 (120:031)	Principles of Managerial Accounting	3
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing	3
Management:		
MGMT 2080 (150:080)	Introduction to Information Systems	3
MGMT 3100 (150:100)	Legal and Social Environment of Business	3
MGMT 3153 (150:153)	Organizational Management	3
MGMT 3154 (150:154)	Operations Management	3
MGMT 4175 (150:175)	Business Policy and Strategy	3
Finance:		
FIN 3130/5130 (160:151g)	Corporation Finance	3
Economics:		
ECON 1011 (920:070)	Business Statistics	3
ECON 1021 (920:020)	Introduction to Decision Techniques	3
ECON 1041 (920:053)	Principles of Macroeconomics	3
ECON 1051 (920:054)	Principles of Microeconomics	3

Required Real Estate and Finance

FIN 3110 (160:140)	Principles of Real Estate	3
FIN 3115 (160:143)	Real Estate Law and Brokerage	3
FIN 3120 (160:142)	Real Estate Appraisal and Investment	3
FIN 3125 (160:141)	Real Estate Finance	3
FIN 3135 (160:161)	Intermediate Financial Management	3
FIN 4145 (160:171)	Advanced Financial Management	3

Total Hours 57

*   NOTE: In addition to the required 57 hours, ECON 1021 (920:020) and ECON 1011 (920:070) have as a prerequisite STAT 1772 (800:072) or equivalent. STAT 1772 (800:072) will satisfy Category 1C of the Liberal Arts Core.

Minors

Finance Minor (for Business and Non-Business Majors)**

Required

Finance:		
FIN 3130/5130 (160:151g)	Corporation Finance [*]	3
FIN 3160/5160 (160:152g)	Principles of Investments	3
Electives		**9**
Finance:		
FIN 3032/5032 (160:158g)	International Financial Management	
FIN 3034 (160:154)	Financial Information Systems and Analysis	
FIN 3050 (160:162)	Risk Management and Insurance	
FIN 3055 (160:163)	Insurance Company Operations	
FIN 3125 (160:141)	Real Estate Finance	
FIN 3135 (160:161)	Intermediate Financial Management	
FIN 3170/5170 (160:153g)	Commercial Bank Management	
FIN 4140/5140 (160:156g)	Topics in Financial Management (sections 1, 2, 3, and 4)	
Economics:		
ECON 2132 (920:113)	Money and Banking	

Total Hours 15

*   FIN 3130/5130 (160:151g) has additional prerequisites of ACCT 2130 (120:031); ECON 1041 (920:053); ECON 1051 (920:054) ECON 1011 (920:070) or equivalent.

**   **NOT** available to majors in Finance.

Real Estate Minor-Business

Required

Finance:		

FIN 3110 (160:140)	Principles of Real Estate	3
FIN 3115 (160:143)	Real Estate Law and Brokerage	3
FIN 3120 (160:142)	Real Estate Appraisal and Investment	3
FIN 3125 (160:141)	Real Estate Finance	3
Electives from the following		3
Marketing:		
MKTG 3113/5113 (130:106g)	Consumer Behavior	
MKTG 3153 (130:153)	Personal Selling	
MKTG 3156 (130:178)	Services Marketing	
Finance:		
FIN 3055 (160:163)	Insurance Company Operations	
FIN 3170/5170 (160:153g)	Commercial Bank Management	
Technology:		
TECH 1018 (330:018)	Construction Resources	
Economics:		
ECON 3253/5253 (920:148g)	Urban and Regional Economics	
Geography:		
GEOG 3120 (970:104)	North American Cities	
GEOG 4170/5170 (970:168g)	Regional Analysis and Planning	
GEOG 4180/5180 (970:121g)	Locational Analysis for Business	
Total Hours		15

Available to majors in: Accounting, Business Teaching, Economics-Business Economics Emphasis, Finance, Management, Management Information Systems, and Marketing.

Real Estate Minor

Required

Finance:		
FIN 3110 (160:140)	Principles of Real Estate	3
FIN 3115 (160:143)	Real Estate Law and Brokerage	3
FIN 3120 (160:142)	Real Estate Appraisal and Investment	3
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing [*]	3
Electives from the following		3
Marketing:		
MKTG 3113/5113 (130:106g)	Consumer Behavior	
MKTG 3153 (130:153)	Personal Selling	
MKTG 3156 (130:178)	Services Marketing	
Finance:		
FIN 3055 (160:163)	Insurance Company Operations [**]	
FIN 3125 (160:141)	Real Estate Finance [**]	

FIN 3130/5130 (160:151g)	Corporation Finance [**]	
FIN 3170/5170 (160:153g)	Commercial Bank Management [**]	
Technology:		
TECH 1018 (330:018)	Construction Resources	
Economics:		
ECON 3253/5253 (920:148g)	Urban and Regional Economics [**]	
Geography:		
GEOG 3120 (970:104)	North American Cities	
GEOG 4170/5170 (970:168g)	Regional Analysis and Planning [**]	
GEOG 4180/5180 (970:121g)	Locational Analysis for Business	
Total Hours		15

[*]	In addition to the required 15 hours, MKTG 2110 has a prerequisite of either *ECON 1031 (920:024)* or ECON 1041 (920:053). ECON 1031 (920:024) or **both** ECON 1041 (920:053) and ECON 1051 (920:054) will satisfy Category 5B of the Liberal Arts Core.
[**]	FIN 3125 (160:141), FIN 3130/5130 (160:151g), FIN 3170/5170 (160:153g), FIN 3055 (160:163), ECON 3253/5253 (920:148g), and GEOG 4170/5170 (970:168g) have additional prerequisites.

NOT available to majors in: Accounting, Business Teaching, Economics-Business Economics Emphasis, Finance, Management, Management Information Systems, Marketing, and Real Estate.

Program Certificate

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following program certificate, contact the Department of Finance or the Office of the Registrar, which serves as the centralized registry.

Financial Analysis Certificate

Required

Finance:		
FIN 6266 (160:266)	Financial Management and Markets (MBA students)	3
or FIN 3135 (160:161)	Intermediate Financial Management	
FIN 3160/5160 (160:152g)	Principles of Investments	3
FIN 4140/5140 (160:156g)	Topics in Financial Management (section 2)	3
FIN 4140/5140 (160:156g)	Topics in Financial Management (section 3)	3
FIN 4145 (160:171)	Advanced Financial Management	3
Total Hours		15

NOTE: Course prerequisites will lengthen this certificate for non-business majors.

In order to receive the Financial Analysis Certificate, all candidates must participate in the department's Financial Analysis Study Seminar, and pass the CFA® Level 1 exam administered by the CFA Institute. In addition, MBA students who are candidates for the Financial Analysis Certificate must participate in the department's Level 2 Examination Review sessions and register to take the CFA® Level 2 examination administered by CFA Institute.

Certificate in Financial and Real Estate Sales for Business Majors

Required

Marketing:		
MKTG 3153 (130:153)	Personal Selling	3
MKTG 3154	Sales Management	3
Finance:		
FIN 3130/5130 (160:151g)	Corporation Finance	3
Electives from the following:		6
Finance:		
FIN 3050 (160:162)	Risk Management and Insurance	
FIN 3110 (160:140)	Principles of Real Estate	
FIN 3160/5160 (160:152g)	Principles of Investments	
Electives from the following:		3
Management:		
MGMT 3974/5974 (150:174g)	Business, Ethics, and Society	
Communication Studies*:		
COMM 3155 (48C:173)	Business and Professional Oral Communication	
COMM 4218 (48C:178)	Persuasion	
COMM 4355/5355 (48C:141g)	Listening	
Total Hours		18

* Prerequisite notes:
1) COMM 4355/5355 (48C:141g) and COMM 4218 (48C:178) have junior standing as their prerequisite.
2) COMM 3155 (48C:173) has COMM 1000 (48C:001) Oral Communication as a prerequisite. COMM 1000 (48C:001) is a Liberal Arts Core Category 1.B. required course that any business major pursuing this certificate would be required to complete.
3) The remaining certificate courses are business courses (i.e., Marketing, Finance, and Management) and all prerequisites for all courses would be required to complete as a business major. for which this certificate is the intended audience.

Department of Geography

(College of Social and Behavioral Sciences)

www.uni.edu/geography

The Department of Geography offers the following undergraduate and graduate programs and program certificate. Specific requirements for these programs are listed within this Department of Geography section in the following order:

Undergraduate Major (B.S.)

- Geographic Information Science

Undergraduate Major (B.A.)

- Geography

Minor

- Geography

Graduate Major (M.A.)

- Geography

Program Certificate

- Crime Mapping and Analysis (also listed in Department of Sociology, Anthropology, and Criminology)
- Geographic Information Systems (GIS) and Cartography

Bachelor of Science Degree Programs

Geographic Information Science Major

The B.S. Geographic Information Science major requires a minimum of 126 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus course choices for a focus within the major and electives, needed to complete the minimum of 126 hours.

Required

Geographic Information Science core:		30-32
GEOG 1120 (970:010)	Human Geography	
GEOG 1210 (970:026)	Physical Geography	
GEOG 1211	Physical Geography Laboratory	
GEOG 3598 (970:193)	Research Experience in Geography	
GEOG 3310 (970:164)	Geographic Information Systems I	
GEOG 4310/5310 (970:170g)	GIS Applications: (Variable Topic)	
GEOG 4320/5320 (970:174g)	Geographic Information Systems II	
GEOG 4350/5350 (970:175g)	Global Positioning System Field Survey Methods	
GEOG 4360/5360 (970:165g)	Thematic Cartography	
GEOG 4370/5370 (970:173g)	Remote Sensing of the Environment	
GEOG 4550 (970:180)	Senior Seminar in Geography	
GEOG 4560 (970:181)	Professional Seminar	
Geography: (two of the following)		6

GEOG 1310 (970:061)	Maps and Map Interpretation	
GEOG 4340/5340 (970:160g)	Spatial Data Analysis [*]	
GEOG 4380/5380	Satellite Image Processing	
One course from each of the following pairs:		6
Mathematics or Sociology select one of the following:		
STAT 1772 (800:072)	Introduction to Statistical Methods	
SOC 2020 (980:080)	Statistics for Social Research	
Computer Science or Geography select one of the following: :		
GEOG 4390/5390	GIS Programming (GIS Programming)	
CS 3140/5140 (810:114g)	Database Systems [*]	

Choose one Application Focus (below) and four courses from that focus		12
Application Focus on Environmental Science and Policy		
Health Promotion/Environmental:		
HPE/ENV SCI 4666	Environmental and Occupational Health Regulations	
Earth Science:		
EARTHSCI 3230/5230 (870:123g)	Air Quality [*]	
Geography:		
GEOG 2210 (970:028)	Recent Climate Change	
GEOG 3210 (970:137)	Natural Hazards and Disasters	
GEOG 3220 (970:100)	Environmental Geography	
GEOG 4210/5210 (970:127g)	Climatology	
GEOG 4220/5220 (970:126g)	Soils and Landscapes	
GEOG 4230/5230 (970:129g)	Rivers	
GEOG 4240/5240 (970:155g)	Reconstructing Ice Age Environments [*]	
GEOG 4250/5250 (970:185g)	Laboratory Methods in Environmental Geography	
Or approved courses in cognate areas.		

Application Focus on Economic Geography and Business		
Management:		
MGMT 3153 (150:153)	Organizational Management	
Geography:		
GEOG 3110 (970:101)	Economic Geography	
GEOG 4110/5110 (970:111g)	Cultural Geography	
GEOG 4180/5180 (970:121g)	Locational Analysis for Business	
GEOG 4190/5190 (970:117g)	Transportation Planning and Policy	

Or approved courses in cognate areas.		
Application Focus on Planning and Policy		
Political Science:		
POL AMER 1048 (942:048)	Introduction to Public Administration	
Geography:		
GEOG 3110 (970:101)	Economic Geography	
GEOG 3120 (970:104)	North American Cities	
GEOG 4110/5110 (970:111g)	Cultural Geography	
GEOG 4120/5120 (970:119g)	Demography and Population Geography	
GEOG 4170/5170 (970:168g)	Regional Analysis and Planning	
GEOG 4190/5190 (970:117g)	Transportation Planning and Policy	
Or approved courses in cognate areas.		

Electives		1-4
Other courses, in Geography or cognate areas approved, to reach a minimum of 56 hours.		
Total hours		56

[*]   These courses have additional prerequisites as follows: GEOG 4340/5340 (970:160g) has prerequisite of *STAT 1772 (800:072)* or SOC 2020 (980:080) CS 3140/5140 (810:114g) has prerequisites of CS 1520 (810:052); CS 1800 (810:080). EARTHSCI 3230/5230 (870:123g) has prerequisites of MATH 1420 (800:060); EARTHSCI 3210/5210 (870:121g). GEOG 4240/5240 (970:155g) has prerequisites of GEOG 2210 (970:028); EARTHSCI 1300 (870:031) or consent of instructor.

Note: Choice of courses and subsequent course prerequisites may increase the length of this program.

Bachelor of Arts Degree Programs
Geography Major

The Geography major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required		
Geography:		
GEOG 1110 (970:040)	World Geography	3
GEOG 1120 (970:010)	Human Geography	3
GEOG 1210 (970:026)	Physical Geography	3
GEOG 1310 (970:061)	Maps and Map Interpretation	3
GEOG 4550 (970:180)	Senior Seminar in Geography	3
GEOG 4560 (970:181)	Professional Seminar	1
Concentrations (21 hrs)		21

List of Programs by Department

Choose in consultation with a Geography faculty advisor. See below for course list and specific requirements for each area. Students must focus on one area; however, they may choose to add an additional concentration(s) to their program, which will be reflected on their transcripts. No more than 6 credit hours can be counted towards multiple concentrations.

Concentration on Globalization and Regional Geography

Professional and Regional Electives

GEOG 3310 (970:164)	Geographic Information Systems I
GEOG 2210 (970:028)	Recent Climate Change
GEOG 3110 (970:101)	Economic Geography
GEOG 3120 (970:104)	North American Cities
GEOG 3179 (970:179)	Cooperative Education in Geography
GEOG 3220 (970:100)	Environmental Geography
GEOG 3230 (970:144)	Natural Regions of North America
GEOG 4110/5110 (970:111g)	Cultural Geography
GEOG 4120/5120 (970:119g)	Demography and Population Geography
GEOG 4150/5150 (970:141g)	Regional Geography: (Variable Topic)
GEOG 4160/5160 (970:151g)	Historical Geography: (Variable Topic)
GEOG 4250/5250 (970:185g)	Laboratory Methods in Environmental Geography
SOC 2020 (980:080)	Statistics for Social Research

Other Geography courses or courses from other departments as approved. Some non-Western cultures courses may be taken upon approval. They must be taken in addition to any LAC required non-Western cultures course.

Concentration on Environmental Systems & Sustainability

Methods Electives

Select three from the following:

STAT 1772 (800:072)	Introduction to Statistical Methods
GEOG 3310 (970:164)	Geographic Information Systems I
GEOG 4310/5310 (970:170g)	GIS Applications: (Variable Topic)
GEOG 3179 (970:179)	Cooperative Education in Geography
GEOG 4250/5250 (970:185g)	Laboratory Methods in Environmental Geography
GEOG 4340/5340 (970:160g)	Spatial Data Analysis

Professional Electives

Select four from the following:

TECH 1015	Introduction to Sustainability
GEOG 2210 (970:028)	Recent Climate Change
GEOG 3220 (970:100)	Environmental Geography
GEOG 3230 (970:144)	Natural Regions of North America
EARTHSCI 3355/5355 (870:175g)	Hydrogeology
GEOG 4220/5220 (970:126g)	Soils and Landscapes
GEOG 4210/5210 (970:127g)	Climatology
GEOG 4230/5230 (970:129g)	Rivers
GEOG 3210 (970:137)	Natural Hazards and Disasters
GEOG 4240/5240 (970:155g)	Reconstructing Ice Age Environments
GEOG 4370/5370 (970:173g)	Remote Sensing of the Environment
EARTHSCI 3330/5330 (870:141g)	Geomorphology

Concentration on Planning and Development

Methods Electives

Select three from the following:

STAT 1772 (800:072)	Introduction to Statistical Methods
SOC 2020 (980:080)	Statistics for Social Research
GEOG 4340/5340 (970:160g)	Spatial Data Analysis
GEOG 3310 (970:164)	Geographic Information Systems I
GEOG 4310/5310 (970:170g)	GIS Applications: (Variable Topic)
GEOG 3179 (970:179)	Cooperative Education in Geography

Professional Electives

Select four from the following:

GEOG 3110 (970:101)	Economic Geography
GEOG 3120 (970:104)	North American Cities
GEOG 3210 (970:137)	Natural Hazards and Disasters
GEOG 4180/5180 (970:121g)	Locational Analysis for Business
GEOG 4190/5190 (970:117g)	Transportation Planning and Policy
GEOG 4120/5120 (970:119g)	Demography and Population Geography
GEOG 4170/5170 (970:168g)	Regional Analysis and Planning
GEOG 4150/5150 (970:141g)	Regional Geography: (Variable Topic)
ECON 3249/5249 (920:143g)	Economic Development

Other Geography courses or courses from other departments as approved.	
Total Hours	37

* These courses have additional prerequisites as follows: ECON 3249 has prerequisite of ECON 1041 and ECON 1051.

Other programs occasionally offer courses appropriate to the geography major. The Department of Geography will approve substituting up to two such courses for electives in Geography. Note that only 3 hours of credit in GEOG 3179 (970:179) will count toward electives for the major.

Minor

Geography Minor

Required

Geography:		
GEOG 1120 (970:010)	Human Geography	3
or GEOG 1110 (970:040)	World Geography	
GEOG 1210 (970:026)	Physical Geography	3
Electives in geography *		12
Total Hours		18

* Only 3 hours of credit in GEOG 3179 (970:179) will count toward electives for the minor.

Master of Arts Degree Program

Major in Geography

Students interested in enrolling in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the graduate coordinator in the Department of Geography for any other application requirements. Applications should include two letters of recommendation, a brief statement about professional interests and career objectives, and transcripts of both undergraduate and graduate credit. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course number 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

The major in Geography is available on the **thesis** (**research**) and **non-thesis** (**professional**) options. A **minimum of 32 semester hours**, including 6 hours GEOG 6299 (970:299) for thesis research and writing, is required for the **thesis** option. Students must successfully present a written and oral thesis proposal prior to registration in GEOG 6299 (970:299). A **minimum of 38 semester hours**, including 3 hours GEOG 6298 (970:298) for completion of a research paper, is required for the **non-thesis** option. **A minimum of 17 hours of 200/6000-level course work is required for both the thesis and non-thesis options.** Any 200/6000-level course offered as a graded course must be taken on a graded basis. Students pursuing either thesis or non-thesis option may select from the following research concentrations: Geographic Information Science and Remote Sensing;

Environmental and Earth Systems; Geomorphology; Human Spatial Systems; Planning and Development; Geography Education.

Thesis Option:

Required Geography

GEOG 6000 (970:202)	Graduate Colloquium (1 hr; must be taken twice)	2
GEOG 6010 (970:294)	Nature of Geography and Its Research Methodology	3
GEOG 6299 (970:299)	Research	6
GEOG 6550 (970:280)	Seminar	3
Electives *		18
Total Hours		32

* At least 12 of the 18 hours must be in geography; at least 3 of the 18 hours must be at the 200/6000-level; cannot include GEOG 6598 (970:298); additional hours of GEOG 6299 (970:299) cannot count toward the minimum 18 elective hours.

Non-Thesis Option:

Required Geography

GEOG 6000 (970:202)	Graduate Colloquium (1 hr; must be taken twice)	2
GEOG 6010 (970:294)	Nature of Geography and Its Research Methodology	3
GEOG 6550 (970:280)	Seminar	3
GEOG 6598 (970:298)	Directed Research Project	3
Electives *		27
Total Hours		38

* At least 15 of the 27 hours must be in geography; at least 6 of the 27 hours must be at the 200/6000-level; cannot include GEOG 6299 (970:299).

Each student's program (beyond the required core courses) will be determined by individual needs in consultation with her/his graduate advisor and the graduate coordinator. For the thesis option, an oral thesis defense is required. For the non-thesis option, a final presentation of the research paper is required.

Program Certificate

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following program certificate, contact the Department of Geography or the Office of the Registrar, which serves as the centralized registry.

Certificate in Crime Mapping and Analysis

This interdisciplinary certificate provides students with both theoretical and applied training in spatial mapping and the analysis of crime data. This program certificate is offered jointly by the Department of Geography and the Departmnt of Sociology, Anthropology and Criminology.

Required

Criminology:		
CRIM 2134	Crime Analysis	3
CRIM 4224/5224 (982:124g)	Police and Society	3
Geography:		
GEOG 3310 (970:164)	Geographic Information Systems I	3
GEOG 4310/5310 (970:170g)	GIS Applications: (Variable Topic)	3
Sociology:		
SOC 1000 (980:001)	Introduction to Sociology	3
SOC 2020 (980:080)	Statistics for Social Research	3
or STAT 1772 (800:072)	Introduction to Statistical Methods	
Total Hours		18

Certificate in Geographic Information Systems (GIS) and Cartography

The Certificate in Geographic Information Systems (GIS) and Cartography is designed to give the student a substantial background in the fields of geographic information systems and digital cartography. Students completing the program will be familiar with the terminology, techniques and theory of GIS and cartography. Hands-on computer experience is a major feature of many of the courses. The program complements majors in disciplines other than geography while increasing the geography major's preparation for the job market.

May be taken at **graduate** and **undergraduate** levels. The student must earn a grade point average of at least 3.00 in the courses taken for the certificate. It is the responsibility of the student to notify the Head of the Department of Geography during or immediately after the semester in which the course requirements will be or have been completed. Up to 3 credits can be transferred from another institution. For graduate credit GEOG 3310 can be substituted with GEOG 6286 Studies in GIS.

Required

Geography:		
GEOG 3310 (970:164)	Geographic Information Systems I	3
or		
GEOG 6286 (970:286) Studies in: GIS		
GEOG 4320/5320 (970:174g)	Geographic Information Systems II	3
GEOG 4360/5360 (970:165g)	Thematic Cartography	3
Electives		6
Select two of the following:		
Geography:		
GEOG 4310/5310 (970:170g)	GIS Applications: (Variable Topic)	
GEOG 4340/5340 (970:160g)	Spatial Data Analysis	
GEOG 4350/5350 (970:175g)	Global Positioning System Field Survey Methods	

GEOG 4370/5370 (970:173g)	Remote Sensing of the Environment	
GEOG 4380/5380	Satellite Image Processing	
GEOG 4390/5390	GIS Programming	
Total Hours		15

School of Kinesiology, Allied Health and Human Services

(College of Education)

www.uni.edu/coe/hpels

The School of Kinesiology, Allied Health and Human Services offers the following undergraduate and graduate programs and program certificates. Specific requirements for these programs are listed within this School of Kinesiology, Allied Health and Human Services section *by division* within the School, in the following order. (**Note:** The Doctor of Education Intensive Study Area in Allied Health, Recreation, and Community Services is under the College of Education and is not within a specific division of the School of Kinesiology, Allied Health and Human Services.)

College of Education -

- **Graduate Major (Ed.D.)**
  - Doctor of Education: Allied Health, Recreation, and Community Services intensive study area (to view all Doctor of Education requirements on the website go to www.uni.edu/catalog/collegeofeducation or for PDF version go to "College of Education" under "Interdisciplinary" section)

Division of Athletic Training -

- **Undergraduate Major (B.A.)**
  - Athletic Training

- **Masters of Athletic Training (M.ATR.)**

- **Graduate Major (M.S.)**
  - Athletic Training

Division of Health Promotion and Education -

- **Undergraduate Major (B.A.)**
  - Health Promotion

- **Minors**
  - Health Education-Teaching
  - Health Promotion

- **Graduate Major (M.A.)**
  - Health Education

- **Program Certificates**
  - Environmental Health
  - Global Health and Humanitarian Assistance

Division of Physical Education -

- **Undergraduate Majors (B.A.)**
  - Movement and Exercise Science

- Physical Education-Teaching

- **Minors**
  - Coaching

- **Graduate Major (M.A.)**
  - Physical Education

Division of Leisure, Youth and Human Services -

- **Undergraduate Major (B.A.)**
  - Leisure, Youth and Human Services

- **Minor**
  - Leisure, Youth and Human Services

- **Graduate Major (M.A.)**
  - Leisure, Youth and Human Services

- **Program Certificates**
  - Aquatics Specialization
  - Nonprofit Management
  - Outdoor Recreation
  - School-Age Care Leadership
  - Tourism

Doctor of Education

(For all requirements see website www.uni.edu/catalog/ collegeofeducation - for PDF version see listing for "College of Education" under the "Interdisciplinary" section of this university catalog.)

Students interested in the Doctor of Education (Ed.D.) degree must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the appropriate Intensive Study Area (ISA) for any other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*. The Graduate Record Examination (GRE) **is** required for admission to the program.

This program is intended to provide practicing educators, in formal and nonformal settings, the opportunity to continue their study and earn the terminal professional degree in their field. The Ed.D. degree requires a **minimum of 60 semester hours of credit beyond the master's degree** There are three components to the program:

Professional Common Core (work in educational foundations, fundamentals, and research)	27
Advanced Professional Study (in one of three areas of intensive study)	27
Dissertation	6
Total Hours	60

By design, *all* students are required to study in basic areas that undergird and define educational practice and develop skills of problem definition, data collection and analysis, and interpretation. The three areas of intensive study provide for a specialized focus on practice. The three intensive study areas (ISAs) are:

- *Allied Health, Recreation, and Community Services*

- *Curriculum and Instruction*

- *Educational Leadership*

Note: Students interested in special education with the Curriculum and Instruction ISA or the Educational Leadership ISA should consult the respective ISA descriptions for further information.

In some areas, it is possible to combine doctoral degree study with work toward an endorsement to perform a particular role in K-12 education.

Brief definitions of the three ISAs follows:

Allied Health, Recreation, and Community Services

This area of intensive study is designed to provide students with advanced planning, management, supervision and evaluation of programs in the community and its institutions. The combined areas of allied health, recreation and community services are diverse professional areas knitted together by a unified commitment to enhancing, enriching and sustaining individual well-being and quality of life. Each of these areas contributes unique and different professional perspectives, yet, at the same time, focuses on the individual and collective well-being of people, communities and society as a whole. Graduates are prepared for careers as applied scholars, evaluators, athletic administration, administrators of community nonprofit organizations, youth serving agencies, public parks and recreation agencies, foundations, and government agencies. The program of study will be based upon student's needs, interests, and upon approval by an academic advisor and program of study committee. (For more information, contact the Chair of Leisure, Youth and Human Services Division, the Health Promotion and Education Division, or the Athletic Training Division in the School of Kinesiology, Allied Health and Human Services.)

Curriculum and Instruction

This area of intensive study is designed to prepare scholar practitioners to plan, implement, evaluate, and supervise educational programs for children, from infancy through adolescence, and adult learners, inclusive of a wide variety of diversity. Faculty in this intensive study area come from many departments and disciplines, including but not limited to prekindergarten through tertiary curriculum and pedagogy; foundations of education in psychology, philosophy, social sciences; disability studies, gifted and talented, and multicultural education; literacy education; instructional technology, school library studies; and P-12 content areas such as mathematics, physical education, science, social studies, and language arts. Students interested in becoming special education scholar-practitioners to plan, implement, evaluate, and supervise educational programs for children and adult learners with an emphasis on inclusion and diversity will apply for admission through the Curriculum and Instruction Intensive Study Area. For more information see www.uni.edu/coe/departments/curriculum-instruction/graduate-study/doctoral-study.

Educational Leadership

This area of intensive study in education administration prepares personnel for leadership positions in PK-12 schools, post-secondary institutions, and other educational services or settings. Typical positions held by educators with the terminal degree focused on educational leadership include: principals, superintendents, school district central office administrators, professors of educational leadership, special education directors at the Area Education Agency level or Department of Education administrators and consultants.

Students interested in special education administration will apply for admission through Educational Leadership and Postsecondary Education. (For more information, contact the Head, Department of Educational Leadership and Postsecondary Education, or please see the catalog at www.uni.edu/catalog.uni.edu/collegeofeducation/educationalleadershipandpostsecondaryeducation or visit the Department of Educational Leadership and Postsecondary Education website at www.uni.edu/coe/departments/educational-leadership-postsecondary-education.

Division of Athletic Training
Academic Standard Policy
Major Requirements

1. **General Explanation**: UNI offers a Professional Undergraduate Athletic Training major that is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). Students interested in pursuing this major must apply, and be formally admitted to this program. The application process is slightly different for students currently attending UNI compared to those who plan on transferring to UNI to pursue athletic training as their major. This application is different and separate from the general University admission process. All students should first indicate their interest in majoring in the B.A. Athletic Training major any time *after* their general admission to UNI is complete by submitting the "Declaration of Curriculum" form, and selecting *prospective* Athletic Training major. Then, students should contact the School of Kinesiology, Allied Health and Human Services Academic Advisor and the Athletic Training Program Director to ensure that their name is added to subsequent contact lists for prospective athletic training majors. Thereafter, students will be considered *prospective* majors and will be expected to attend departmental advising sessions at regularly scheduled intervals. Students will remain prospective students until they successfully complete the AT Program admission procedure requirements and are officially admitted. All application documents can be downloaded from the Web site at www.uni.edu/coe/departments/school-health-physical-education-leisure-services/athletic-training/.

2. **Prerequisite course**: There is only one prerequisite course required (AT 1010 (42T:023) Introduction to Athletic Training), which we offer every spring semester.   Students are typically enrolled in this course while they are applying to the program. Therefore, prior to being admitted, a prospective student's course work should be devoted primarily to completing Liberal Arts Core courses and/or electives, in addition to the Introduction to Athletic Training course.

3. **Application requirements for all students**: To be formally admitted to the UNI Athletic Training Program, students must complete the application process. The following list of items are required as part of the application process. Most of the forms can be found on our web site.
   a. Completion of, or enrollment in, the Introduction to Athletic Training course (or its equivalent if transferring)
   b. Application form
   c. Essay
   d. Recommendation forms (x 3)
   e. CPR certification for the professional rescuer
   f. First Aid Certification
   g. *30 hours of athletic training observation experience (prospective students are assigned to a student peer mentor for this experience)
   h. *OSHA/Blood-borne pathogen certification (This must be obtained *before* beginning observation experience at UNI. This training is offered free of charge at UNI every semester.)
   i. Technical standards form
   j. Criminal background check ($15)
   k. Preferred GPA of 2.5
   l. Learning objectives (This is *optional* and meant to be completed during the observation experience. They are included within our application forms.)
   m. Complete an interview with UNI Athletic Training personnel (this is scheduled only after application materials are completed)
   n. HIPAA Privacy Training.

4. **Application Process**: Although the requirements are the same, the application process is somewhat different for UNI students and transfer students.
   a. **Current UNI Students**:
      • Obtain the application documents from the website which are updated annually.
      • Submit all materials by *March to the Athletic Training Program office (HPC 003). (forms)
         • *Submitting application materials after March does not exclude a student from consideration for the upcoming Summer/Fall admission. However, students are encouraged to declare the intentions to our Program Director as soon as possible. A student must be admitted prior to the beginning of the summer session in order to join that year's cohort.
      • Interview: Once a student's application is complete, they will be contacted for an interview.

   b. **Transfer Students**:
      • Obtain the application documents from the website which are updated annually.
      • Transfer students should submit all materials to the Athletic Training Program office (HPC 003). (forms)
      • Students must be admitted prior to the beginning of the summer session in order to join that year's cohort
      • Interview: Once a student's application is complete, they will be contacted for an interview.

5. Admission into the athletic training program is competitive, therefore the following criteria shall be used for determination of acceptance as a fully declared Athletic Training major:
   a. Cumulative grade point average (2.50 minimum GPA preferred)
   b. AT 1010 (42T:023) Introduction to Athletic Training grade
   c. Application materials
   d. Recommendations
   e. Interview results

    f. Written Essay

    g. Athletic Training Observation with a Certified Athletic Trainer (30 hours are required)
- Student must have Bloodborne pathogen or OSHA training completed PRIOR to beginning observation experience)

    h. HIPAA Privacy Training

    i. Technical Standards must be met (as outlined in our application packet)

    j. First Aid and CPR certification

6. A committee of faculty, staff, and students will be assigned to the acceptance committee and will review the applications.

7. Notification of admittance will be made before the end of Spring semester.

8. Upon acceptance into the athletic training program, a student will be converted to a **major** status by the department and must do the following within 30 days of notification of acceptance:

    a. Send a letter of acceptance via email to the Undergraduate AT Program Director.

    b. Begin the Hepatitis B Vaccination series or sign the waiver form.

    c. Complete all other paper work available at the office.

    d. Maintain current CPR, OSHA, and First Aid certifications and child mandatory reporter training.

    e. Become a student member of the NATA ($80/year)

    f. Complete a physical exam.

    g. Maintain Professional Liability Insurance ($38/year)

9. Students not accepted into the program will be restricted from taking Athletic Training courses beyond AT 1010 (42T:023) Introduction to Athletic Training without departmental permission.

10. Transfer students entering UNI shall be subject to the admission and acceptance requirements listed above.

11. To graduate from UNI with an Athletic Training major, students must:

    a. Maintain a 2.50 cumulative GPA, and 2.75 major GPA
- Earn a minimum of C+ in all athletic training core courses

    b. Complete a clinical experience (Clinical Integration) each semester, covering a minimum of four semesters.

    c. Complete the Undergraduate Athletic Training academic major: This includes that a student be enrolled in the athletic training program for a minimum of four semesters.

      i Please note that all students must complete the four semesters of athletic training education and clinical experience that begin after they are admitted to the AT program. A student may transfer in prior class work and clinical experiences. However, petition forms from the student's previous CAATE accredited athletic training program, specific to the athletic training educational competencies, must be requested by the transferring student. All athletic training specific course transfers will be reviewed and approved at the discretion of the UNI AT program director. (Additional transfer student policies are available at the AT office.)

      ii Transfer students should assume that they will be enrolled in the AT program for at least four academic semesters after they are admitted to the program.

    d. Follow the athletic training curricular plan as outlined in the UNI Catalog of courses and mandated by the CAATE.

12. All other program information is available at the athletic training program office (003 HPC) or our Web site www.uni.edu/coe/departments/school-health-physical-education-leisure-services/athletic-training/

Bachelor of Arts Degree Program
Athletic Training Major

The Athletic Training major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

The Athletic Training major is designed to prepare students to become athletic training professionals. It prepares students for the Board of Certification Examination (as well as eligibility for an Athletic Training License in the State of Iowa). The curriculum is based upon cognitive and psychomotor learning experiences. The athletic training program is accredited by the Commission on the Accreditation of Athletic Training Education (CAATE).

Prerequisite core:

Athletic Training:		
AT 1010 (42T:023)	Introduction to Athletic Training (or the equivalent)	2

Required core:

Biology:		
BIOL 3101 (840:101)	Anatomy and Physiology I [*]	4
BIOL 3102 (840:102)	Anatomy and Physiology II	4
Athletic Training:		
AT 3000 (42T:140)	Athletic Training Clinical Integration [^]	6-8
AT 3010	Athletic Training Terminology	1
AT 3011	Clinical Skills in Athletic Training	1
AT 3020	Clinical Anatomy	3
AT 3030	Acute Care in Athletic Training	2
AT 3031	Acute Care Clinical Skills	2
AT 3040 (42T:137)	Orthopedic Injury Assessment I	3
AT 3042	Injury Assessment Clinical Skills I	2
AT 3050 (42T:134)	Orthopedic Injury Assessment II	3
AT 3052	Injury Assessment Clinical Skills II	2
AT 3060/5060 (42T:110)	Athletic Training Administration and Professional Development	3
AT 3070/5070 (42T:143)	Therapeutic Interventions I	3

AT 3072	Therapeutic Interventions Clinical Skills I	1
AT 3080/5080 (42T:157)	Therapeutic Interventions II	3
AT 3082	Therapeutic Interventions Clinical Skills II	1
AT 3110 (42T:165)	Psychological Considerations for Athletic Injuries and Rehabilitation	2
AT 3120 (42T:170)	Clinical Decision Making in Athletic Training and Orthopedic Pathology I	3
AT 3125	Clinical Decision Making in Athletic Training & Orthopedic Pathology II	3
AT 3130/5130 (42T:175)	General Medical Conditions	3
AT 3250/5250	Advanced Preventative Health Techniques	3
Total Hours		60-62

*   BIOL 3101 (840:101) Anatomy and Physiology I prerequisites are not required for Athletic Training majors.

^   6-8 hrs.- minimum 6 hrs. but may be repeated for maximum of 8 hrs., over 4-6 semesters.

Masters of Athletic Training Degree

Division of Athletic Training

Academic Standard Policy

Major Requirements

General Explanation: UNI offers a Professional Graduate Athletic Training major or a Masters of Athletic Training. Accreditation by the Commission on Accreditation of Athletic Training Education (CAATE) will be pursued. Students interested in pursuing this major must apply and be formally admitted to this program. Students should apply for the Masters of Athletic Training program through the Graduate College and Admissions. Program admission is based on undergraduate GPA, completion of prerequisite courses, program application materials, and admission to the Graduate College. Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Division of Athletic Training (within the School of Kinesiology, Allied Health and Human Services) for program application materials or for any other application requirements. Graduate information and application for graduate study admission can be found at www.grad.uni.edu/admission. Applications will begin to be reviewed November 1 of each year. Decisions and admittance into the program will begin to be announced by February 1.

The Graduate Record Examination (General Test) is not required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

1.   **Prerequisite courses required**: A Bachelors degree must be earned prior to entry into the Masters of Athletic Training. Additional prerequisite undergraduate courses include: Exercise Physiology, Sports Nutrition, Kinesiology and/or Biomechanics, Anatomy and

Physiology with a laboratory component, and Introduction to Athletic Training. Additionally, students need to be First Aid/CPR certified prior to beginning the Masters of Athletic Training program.

2.   **Prerequisite courses preferred**: The following coursework is not required but is preferred for applicants to the Masters of Athletic Training: Chemistry, Physics, and an upper-level Math course (e.g., Calculus) or Statistics.

3.   **Application requirements for all students**: To be admitted to the UNI Masters of Athletic Training Program, students must complete the application process. The following list of items are required as part of the application process.

   a. Achieved a bachelors degree

   b.Completion of course prerequisites as listed above

   c. Application forms: Graduate College and Division of Athletic Training

   d. CPR certification for the professional rescuer

   e. First Aid Certification

   f. *50 hours of athletic training observation experience

   g. *OSHA/Blood-borne pathogen certification (This must be obtained *before* beginning observation experience at UNI. This training is offered free of charge at UNI every semester.)

   h. Technical standards form

   i. Criminal background check ($15)

   j. GPA of 3.0 or greater

   k. HIPAA Privacy Training

   4. Application Process:

   1. Obtain the application documents from the Graduate College and Admissions website which are updated annually.
   2. Submit all materials to Graduate Admissions
   3. Students must be admitted prior to the beginning of the summer session in order to join that year's cohort.

   5. Admission into the athletic training program is competitive, therefore the following criteria shall be used for determination of acceptance:

   1. Cumulative grade point average (3.00 minimum GPA)
   2. Introduction to Athletic Training grade
   3. Application materials
   4. Recommendations
   5. Written Essay
   6. Athletic Training Observation with a Certified Athletic Trainer (50 hours are required)
   7. Student must have Bloodborne pathogen or OSHA training completed PRIOR to beginning observation experience)

8. Technical Standards must be met (as outlined in our application packet)

9. HIPAA Privacy Training

10. First Aid and CPR certification

11. Criminal background check ($15)

6. A committee of faculty, staff, and students will be assigned to the acceptance committee and will review the applications.

7. Notification of admittance will be made around mid-March of each year.

8. Upon acceptance into the Masters of Athletic Training program, a student must do the following within 30 days of notification of acceptance:

1. Send a letter of acceptance via email to the Graduate Program Director.

2. Begin the Hepatitis B Vaccination series or sign the waiver form.

3. Complete all other paper work available at the AT program office.

4. Maintain current CPR, OSHA, and First Aid certifications and child mandatory reporter training.

5. Become a student member of the NATA ($80/year)

6. Maintain professional liability insurance ($38/year)

9. To graduate from UNI with a Masters of Athletic Training major, students must:

1. Maintain a 3.00 cumulative GPA, and 3.00 major GPA

2. Complete a clinical experience (Clinical Integration) each semester.

3. Complete the Masters of Athletic Training academic major. This includes that a student be enrolled in the athletic training program for a minimum of four semesters.

1. Please note that all students must complete the four semesters of athletic training education and clinical experience that begin after they are admitted to the M.ATR. Transfer students should assume that they will be enrolled in the AT program for at least four academic semesters after they are admitted to the Masters of Athletic Training.

2. Transfer students should assume that they will be enrolled in the AT program for at least four academic semesters after they are admitted to the program.

4. Follow the athletic training curricular plan as outlined in the UNI Catalog of courses and mandated by the CAATE.

10. All other program information is available at the athletic training program office (003 HPC) or our Web site www.uni.edu/coe/departments/school-health-physical-education-leisure-services/athletic-training/

Masters of Athletic Training Program
Athletic Training Major

The Masters of Athletic Training major requires a minimum of 60 total hours to graduate.

The Masters of Athletic Training major is designed to prepare students to become athletic training professionals. It prepares students for the Board of Certification Examination as well as eligibility for an Athletic Training State License Credential. The curriculum is based upon cognitive and psychomotor learning experiences. The athletic training education program is seeking accreditation by the Commission on the Accreditation of Athletic Training Education (CAATE).

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This degree is offered on the **non-thesis** option. Acceptable non-thesis projects include critically appraised topics, interrelated series of research proposals, conducting an empirical study, or a problem-based analysis of the literature, each of which require an extensive writing component.

A **minimum of 60 semester credit hours** is required. The non-thesis option requires 3 hours of AT 6299 (42T:299). **A minimum of 21 semester hours at the 6000-level is required.**

A cumulative grade index of 3.00 (B average) must be earned in all courses required for the degree or applying to the degree. No more than six (6) semester hours of *C* credit (*C+, C, C-*) may be applied toward credit for graduation. When *C*-range grades on the advisement report exceed the six hour limit, one or more of such courses *must* be repeated. A course taken to satisfy degree requirements in which a student receives a *D+, D, D- F* or *NC* grade will not be considered satisfactory and *must* be repeated. **The original grade for any repeated course will be included in the computation for the Plan GPA, as well as in the overall cumulative GPA.**

Prerequisite Core: 10-15 hours

AT 1010 (42T:023)	Introduction to Athletic Training (or equivalent)	2
PEMES 3157 (420:157)	Sports Nutrition (or equivalent)	3
PEMES 3153 (420:153)	Physiology of Exercise (or equivalent)	3
PEMES 2050 (420:050)	Anatomy and Physiology of Human Movement (or equivalent)	3
PEMES 6251 (420:251)	Biomechanics (or equivalent)	3
Athletic Training Courses:		
AT 3060/5060 (42T:110)	Athletic Training Administration and Professional Development	3
AT 3070/5070 (42T:143)	Therapeutic Interventions I	3

AT 3080/5080 (42T:157)	Therapeutic Interventions II	3
AT 3130/5130 (42T:175)	General Medical Conditions	3
AT 3250/5250	Advanced Preventative Health Techniques	3
AT 6000	Integrated Clinical Experiences (minimum 15 hours, but may be repeated for a maximum of 18 hours over 4-6 semesters)	15-18
AT 6030	Advanced Acute Care in Athletic Training	3
AT 6100	Clinical Skills and Anatomy	3
AT 6275	Psychological Aspects of Athletic Injury	3
AT 6210 (42T:210)	Pathoetiology and Orthopaedic Assessment I	3
AT 6220 (42T:220)	Pathoetiology and Orthopaedic Assessment II	3
AT 6260 (42T:250)	Orthopaedic Surgical Interventions	3
AT 6240 (42T:230)	Evidence Based Practice I	3
Health, Physical Education, & Leisure Services, Interdepartmental: 6 credit hours		
HPELS 6210 (440:210)	Quantitative Methods in HPELS	
HPELS 6290 (440:290)	Research Methods for Health, Physical Education and Leisure Services	
Research: 3 credit hours (Non-thesis)		
AT 6299 Research		3
Total hours		60

Master of Science Degree Program
Major in Athletic Training

The Athletic Training Master of Science degree is designed for those who are NATABOC certified athletic trainers who wish further education in treatment and rehabilitation of the physically active.

The Master of Science in Athletic Training degree is designed for post-professionals that hold the BOC credential who wish to further develop their scholarly clinician knowledge and skills. This program is balanced around didactic, research, and service components focused on: 1) increasing depth and breadth of athletic training subject matter and skills beyond those of the entry-level athletic trainer; 2) enhancing critical thinking to aid knowledge of discipline assumptions and develop understanding of viable alternative assumptions; 3) developing understanding of the theoretical bases of advanced athletic training knowledge and skill; 4) expanding abilities to discover and develop new knowledge; 5) advancing knowledge and skills in preparation for leadership in athletic training; and 6) instilling a responsibility of service to the profession and communities.

Program admission is based on undergraduate GPA, program application materials, and admission to the Graduate College.
   Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Division of Athletic Training (within the School of Kinesiology, Allied Health and Human Services) for program application materials or for any other application requirements. Graduate information and application for graduate study admission can be found at www.grad.uni.edu/admission.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This degree is offered on the **thesis** and **non-thesis** option. A **minimum of 36 semester credit hours** is required. The thesis option requires 6 hours of AT 6299 (42T:299) and the non-thesis option requires 2 or 3 hours of AT 6299 (42T:299). **A minimum of 21 semester hours at the 200/6000-level is required for both the thesis and non-thesis options.**

Required:		
Athletic Training:		
AT 6210 (42T:210)	Pathoetiology and Orthopaedic Assessment I	3
AT 6220 (42T:220)	Pathoetiology and Orthopaedic Assessment II	3
AT 6240 (42T:230)	Evidence Based Practice I	3
AT 6260 (42T:250)	Orthopaedic Surgical Interventions	3
AT 6275	Psychological Aspects of Athletic Injury	3
AT 6289 (42T:289)	Seminar in Athletic Training (6 hrs.)	6
Kinesiology, Allied Health, and Human Services, Interdepartmentalucation and Leisure Services, Interdepartmental:		6
HPELS 6210 (440:210)	Quantitative Methods in HPELS	
HPELS 6290 (440:290)	Research Methods for Health, Physical Education and Leisure Services	
Research:		3 or 6
AT 6299 Research		
Thesis option (6 hrs.)		
Non-thesis option (3 hrs.)		
Electives:		3-6
Thesis option (3 hrs.)		
Non-thesis option (6 hrs.)		
Total hours		36

Division of Health Promotion and Education
Bachelor of Arts Degree Programs
Health Promotion Major

The Health Promotion major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the

minimum of 120 hours. Liberal Arts Core courses included in major program requirements are distinguished by italics.

Accreditation/Credentialing Areas include the following:

Wellness and Fitness (54 hours)

Women's Health (52 hours)

Global Health and Humanitarian Assistance (51 hours)

Environmental Health: Science Intensive (54-55 hours)

Health Promotion specialists seek to improve the health of the general public through education, behavior change and improvement of the environment. Students in the program develop the skills to plan, implement and evaluate programs in a variety of settings, which may include health departments, corporate wellness sites, hospitals/clinics, fitness facilities, nonprofit organizations, international relief organizations, nursing homes, colleges/universities and private industry.

The curriculum is tailored to meet national competencies and prepares students to sit for the National Certified Health Education Specialist (CHES) exam or the Registered Environmental Health Specialist (REHS) exam. Students will take classes on public health theory, anatomy, human diseases, environmental health science, epidemiology (how diseases are spread,) and how to address risky lifestyle behaviors (i.e., tobacco/alcohol/substance abuse, lack of physical activity, poor nutrition, intentional and unintentional injuries, high levels of stress, and unsafe sexual behaviors.)

A minimum 2.50 GPA will be required for admission to HPE 4768 (410:168) Field Experience in Health Promotion. Successful completion of HPE 3693 (410:193) Internship Seminar and a minimum of 2.50 GPA will be required for admission. A student declaring a major in Health Promotion will complete the core plus one accreditation/credentialing area. All students are encouraged to meet with their faculty advisor to discuss their career goals and aspirations. To graduate with a major in Health Promotion a student must have a cumulative GPA of 2.50 in all course work taken at UNI or transferred from another institution.

Required common core for all areas:

Health Promotion and Education:

HPE 1101 (410:005)	Introduction to Community Health	1
HPE 3693 (410:193)	Internship Seminar	1
HPE 4663/5663 (410:163g)	Human Diseases	3
HPE 4393/5393	Epidemiological Methods, Research Design, and Analysis	3
HPE 4665/5665 (410:165g)	Environmental Health Science	3
HPE 4768 (410:168)	Field Experience in Health Promotion	6-12
(HPE 4768 (410:168) - 6 hrs. for Environmental Health area: 12 hrs. for other areas)		
Total Hours		17-23

Choose one of the following four accreditation/credentialing areas:

Accreditation/Credentialing Area - Wellness and Fitness

Required:		
Health Promotion and Education:		
HPE 3118 (410:118)	Teaching Aerobics	1
HPE 4155 (410:155g)	Stress Management	2
HPE 4164 (410:164g)	Health Care and the Consumer	2
HPE 4353/5353 (410:153g)	Public Health Theory	3
HPE 4373/5373	Planning and Evaluating Health Promotion Programs	4
HPE 4383/5383	Health Promotion Implementation and Advocacy	4
HPE 4431/5431 (410:131g)	Worksite Health Promotion	3
HPE 4551/5551 (410:151g)	Nutrition for Health Promotion	3
Physical Education:		
PEMES 2050 (420:050)	Anatomy and Physiology of Human Movement	3
PEMES 3153 (420:153)	Physiology of Exercise	3
PEMES 3156 (420:156)	Fitness Assessment and Programming	3
Total hours for Health and Fitness Promotion Area		54

Accreditation/Credentialing Area - Women's Health

Required:		
Health Promotion and Education:		
HPE 2120 (410:020)	Maternal and Infant Health	3
HPE 4162/5162 (410:162g)	Introduction to Women's Health	3
HPE 4328/5328 (410:128g)	Selected Topics in Women's Health	3
HPE 4353/5353 (410:153g)	Public Health Theory	3
HPE 4373/5373	Planning and Evaluating Health Promotion Programs	4
HPE 4383/5383	Health Promotion Implementation and Advocacy	4
HPE 4551/5551 (410:151g)	Nutrition for Health Promotion	3
Electives (6 hours from the following):		6
Family Services:		
FAM SERV 1057 (31F:057)	Human Relationships and Sexuality	
FAM SERV 3155/5155 (31F:155g)	Parenting (^)	
FAM SERV 4157/5157 (31F:157g)	Human Sexuality Education (^)	
Psychology:		
PSYCH 2201 (400:060)	Psychology of Gender (^)	
Health Promotion and Education:		
HPE 4125/5125 (410:125g)	Aging and Health	

List of Programs by Department

Leisure, Youth and Human Services:		
LYHS 4055 (430:151)	Financial Resource Management for LYHS Agencies	
Communication Studies:		
COMM 4346/5346 (48C:153g)	Gender Issues in Communication	
COMM 4347/5347 (48C:142g)	Family Communication (^)	
Humanities:		
WGS 1040 (680:040)	Women's and Gender Studies: Introduction	
Social Science:		
SOC SCI 1020 (900:020)	Women, Men, and Society	
SOC SCI 1045 (900:045)	American Racial and Ethnic Minorities	
United States History:		
HISUS 4260/5260 (961:146g)	United States Women's History	
Sociology:		
SOC 3411/5411 (980:167g)	Gender in Cross-Cultural Perspective (^)	
Total hours for Women's Health Area		52

Accreditation/Credentialing Area - Global Health and Humanitarian Assistance

Required:

Health Promotion and Education:		
HPE 4161/5161 (410:161g)	Global Service Mission (3 hours required)	3
HPE 4167/5167 (410:167g)	Cultural Competency for the Helping Professions	1
HPE 4247/5247 (410:147g)	Minority Health	2
HPE 4353/5353 (410:153g)	Public Health Theory	3
HPE 4373/5373	Planning and Evaluating Health Promotion Programs	4
HPE 4383/5383	Health Promotion Implementation and Advocacy	4
HPE 4438/5438 (410:138g)	International Health	2
HPE 4551/5551 (410:151g)	Nutrition for Health Promotion	3
Electives (select 6 hours from the following):		6
Health Promotion and Education:		
HPE 2120 (410:020)	Maternal and Infant Health	
HPE 3650 (410:152)	Complementary, Alternative, and Integrative Health	
HPE 4125/5125 (410:125g)	Aging and Health	
Social Work:		
SW 4163 (450:163g)	Diversity and Difference	
Communication Studies:		
COMM 4344/5344 (48C:151g)	Intercultural Communication	
Anthropology:		

ANTH 3101/5101 (990:164g)	Psychological Anthropology	
ANTH 3102/5102 (990:168g)	Culture, Disease, and Healing	
ANTH 3104/5104 (990:167g)	Gender in Cross-Cultural Perspective	
Total Hours for Global Health and Humanitarian Assistance Area		51

Accreditation/Credentialing Area - Environmental Health: Science Intensive

Required:

Health Promotion and Education:		
HPE 4580/5580 (410:180g)	Environmental Health, Field Methods, Technology, and Laboratory Applications (#)	3
HPE 4666/5666 (410:166g)	Environmental and Occupational Health Regulations	3
BIOL 2051 (840:051)	General Biology: Organismal Diversity	4
BIOL 2052 (840:052)	General Biology: Cell Structure and Function	4
BIOL 3151 (840:151)	General Microbiology	4
Chemistry and Biochemistry:		8-9
CHEM 1110 (860:044) & CHEM 1120 (860:048)	General Chemistry I and General Chemistry II	
or		
CHEM 2040 & CHEM 1130 (860:070)	Applied Organic and Biochemistry and General Chemistry I-II	
Electives (select a minimum of 11 hours from the following):		11
Health Promotion and Education:		
HPE 2120 (410:020)	Maternal and Infant Health	
HPE 3650 (410:152)	Complementary, Alternative, and Integrative Health	
HPE 4164 (410:164g)	Health Care and the Consumer	
HPE 4247/5247 (410:147g)	Minority Health	
HPE 4438/5438 (410:138g)	International Health	
Biology##:		
BIOL 3140 (840:140)	Genetics	
BIOL 3147 (840:147)	Cancer and Emerging Infectious Diseases	
BIOL 3170 (840:170)	Entomology	
BIOL 4150/5150 (840:150g)	Immunology	
BIOL 4168/5168 (840:168g)	Ecology (#)	
BIOL 4180/5180 (840:180g)	Restoration Ecology	
Chemistry and Biochemistry##:		

CHEM 2310 (860:132)	Chromatography and Quantitative Analysis
Earth Science:	
EARTHSCI 1300 (870:031)	Introduction to Geology
EARTHSCI 3345/5345 (870:171g)	Environmental Geology
Total hours for credentialing area Environmental Health: Science Intensive	54-55

Minors
Health Education Minor-Teaching

Current First Aid and CPR certification is required of all minors prior to student teaching.

Required:		
Methods course:		2-3
HPELS 2045 (440:045)	Health and Physical Education for Elementary Teachers *	
or HPE 3240 (410:140)	Secondary School Health Education Methods	
Educational Psychology:		2-3
EDPSYCH 4118/5118 (200:118g)	Mental Health and Well-Being in the Classroom	
or HPE 4155 (410:155g)	Stress Management	
Applied Human Sciences, School of:		3
FAM SERV 1020 (31F:020)	Family Relationships **	
or FAM SERV 1057 (31F:057)	Human Relationships and Sexuality	
Psychology:		3
PSYCH 3102/5102 (400:170g)	Drugs and Individual Behavior	
Health Promotion and Education:		8
HPE 1101 (410:005)	Introduction to Community Health	
HPE 3344 (410:144)	Health Education Curriculum	
HPE 4551/5551 (410:151g)	Nutrition for Health Promotion	
or PEMES 2053 (420:053)	Physical Activity and Nutrition for Health and Fitness	
HPE 4164 (410:164g)	Health Care and the Consumer	
or HPELS 1020 and HPELS 1030 (2 hrs.)		
Electives: Remaining hours of health-related electives for the K-8 and 5-12 endorsement to total a minimum of 26 hours. ***		
Total hours		26

*   HPELS 2045 (440:045) Health and Physical Education for Elementary Teachers for the K-8 endorsement and HPE 3240 (410:140) Secondary School Health Education Methods for the 5-12 endorsement.

**   FAM SERV 1020 (31F:020) Family Relationships for K-8 endorsement or FAM SERV 1057 (31F:057) Human Relationships and Sexuality for 5-12 endorsement.

***   Approved electives include EDPSYCH 2030 (200:030) Dynamics of Human Development, PEMES 2019 First Aid and CPR for Physical Educators, PEMES 2050 (420:050) Anatomy and Physiology of Human Movement, PEMES 3151 (420:151) Introductory Biomechanics, PEMES 3153 (420:153) Physiology of Exercise, PEMES 4152/5152 (420:152g) Adapted Physical Education or other electives approved by the Health Education Division.

Health Promotion Minor

Liberal Arts core courses included in minor program requirements are distinguished by italics.

Required:		
Health Promotion and Education:		20
HPE 1101 (410:005)	Introduction to Community Health	
HPE 4164 (410:164g)	Health Care and the Consumer	
HPE 4353/5353 (410:153g)	Public Health Theory	
HPE 4373/5373	Planning and Evaluating Health Promotion Programs *	
HPE 4383/5383	Health Promotion Implementation and Advocacy	
HPE 4393/5393	Epidemiological Methods, Research Design, and Analysis	
HPE 4663/5663 (410:163g)	Human Diseases	
Total Hours		20

*   This course ha additional prerequisites as follows: HPE 4373/5373 has prerequisite of STAT 1772 (800:072) Introduction to Statistical Methods. STAT 1772 (800:072) Introduction to Statistical Methods may be used to satisfy Category 1C of the Liberal Arts Core.

Master of Arts Degree Program
Major in Health Education

The Master of Arts degree in Health Education provides post-graduate academic training for individuals employed in or planning to seek employment as public health practitioners and health educators in a wide variety of settings including public, academic, hospital/clinical, community/non-profit, and corporate settings. This degree program provides graduate level training designed to prepare public health and health promotion professionals to design, implement, and evaluate interventions working in a wide range of health, public health and health promotion areas. The post-graduate training program enhances the leadership and research skills of public health workers, preparing them for positions of progressive responsibility within their chosen career.

List of Programs by Department

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Division of Health Promotion and Education (within the School of Kinesiology, Allied Health and Human Services) for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **thesis** and **non-thesis** options. A **minimum of 30-34 semester hours** is required, depending on the emphasis chosen. Additional hours may be required, if, upon entering the graduate program, the student needs background courses. The **thesis** option requires 6 hours of thesis research HPE 6299 (410:299). The **non-thesis** option requires a research paper for 2 hours credit HPE 6299 (410:299). **A minimum of 12 hours, exclusive of HPE 6299 (410:299) credit, must be at the 200/6000-level.**

Successful completion of a final written comprehensive examination is required for **both the thesis and non-thesis options.**

Three emphases are offered on this major:

I. Health Promotion/Fitness Management Emphasis

Required:

Choose one of the following:		3
Kinesiology, Allied Health and Human Services, Interdepartmental:		
HPELS 6210 (440:210)	Quantitative Methods in HPELS	
or HPELS 6215 (440:215)	Qualitative Methods	
Choose one of the following:		3
Measurement and Research:		
MEASRES 6205 (250:205)	Educational Research	
Kinesiology, Allied Health and Human Services, Interdepartmental:		
HPELS 6290 (440:290)	Research Methods for Health, Physical Education and Leisure Services	
Health Promotion and Education:		15
HPE 4393/5393	Epidemiological Methods, Research Design, and Analysis	
HPE 4431/5431 (410:131g)	Worksite Health Promotion	
HPE 4666/5666 (410:166g)	Environmental and Occupational Health Regulations	
HPE 6271 (410:271)	Cardiovascular Physiology	
HPE 6390 (410:290)	Philosophy and Ethics of Public Health and Health Promotion	
Health Promotion Graduate Seminar:		1

HPE 6289 (410:289)	Seminar	
Physical Education:		3
PEMES 6253 (420:253)	Advanced Exercise Physiology	
Management:		
MGMT 3965/5965 (150:165g)	Organizational Behavior	3
Research:		2 or 6
HPE 6299 (410:299)	Research	
Thesis option (6 hrs.)		
Non-thesis option (2 hrs.)		
Total hours thesis option		34
Total hours non-thesis option		30

II. Community Health Education Emphasis

Required:

Health Promotion and Education:		16
HPE 4167/5167 (410:167g)	Cultural Competency for the Helping Professions	
HPE 4393/5393	Epidemiological Methods, Research Design, and Analysis	
HPE 4431/5431 (410:131g)	Worksite Health Promotion	
HPE 4665/5665 (410:165g)	Environmental Health Science	
HPE 6220 (410:220)	Health Determinants	
HPE 6390 (410:290)	Philosophy and Ethics of Public Health and Health Promotion	
Select one of the following:		3
Measurement and Research:		
MEASRES 6205 (250:205)	Educational Research	
Health, Physical Education, and Leisure Services, Interdepartmental:		
HPELS 6290 (440:290)	Research Methods for Health, Physical Education and Leisure Services	
Health Promotion Graduate Seminar:		1
HPE 6289 (410:289)	Seminar	
Research:		2 or 6
HPE 6299 (410:299)	Research	
Thesis option (6 hrs.)		
Non-thesis option (2 hrs.)		
Electives as approved by the Graduate Committee:		10 or 6
Total hours		32

III. School Health Education Emphasis

Required:

Health Promotion and Education:		6
HPE 4431/5431 (410:131g)	Worksite Health Promotion	

HPE 6390 (410:290)	Philosophy and Ethics of Public Health and Health Promotion	
Select one of the following:		3
Measurement and Research:		
MEASRES 6205 (250:205)	Educational Research	
Kinesiology, Allied Health and Human Services, Interdepartmental:		
HPELS 6290 (440:290)	Research Methods for Health, Physical Education and Leisure Services	
Health Promotion Graduate Seminar:		1
HPE 6289 (410:289)	Seminar	
Research		2 or 6
HPE 6299 (410:299)	Research	
Thesis option (6 hrs.)		
Non-thesis option (2 hrs.)		
Electives as approved by the Graduate Committee:		19 or 15
Total hours		31

The additional course requirements for this emphasis will be governed largely by teacher licensure requirements.

Program Certificates

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following program certificates, contact the School of Kinesiology, Allied Health and Human Services or the Office of the Registrar, which serves as the centralized registry.

Environmental Health Certificate

Required:		9
Health Promotion and Education/Environmental Science:		6
HPE/ENV SCI 4665	Environmental Health Science	
HPE/ENV SCI 4666	Environmental and Occupational Health Regulations	
Health Promotion:		3
HPE 4663/5663 (410:163g)	Human Diseases	
Electives: 6 hours chosen from either or both of the following categories:		6
I. Public Health Focus Area:		
Health Promotion and Education:		
HPE 4162/5162 (410:162g)	Introduction to Women's Health	
HPE 4373/5373	Planning and Evaluating Health Promotion Programs	
HPE 4383/5383	Health Promotion Implementation and Advocacy	

HPE 4393/5393	Epidemiological Methods, Research Design, and Analysis	
Biology:		
BIOL 3147 (840:147)	Cancer and Emerging Infectious Diseases	
II. Environmental Sciences Focus Area:		
Biology:		
BIOL 3151 (840:151)	General Microbiology	
BIOL 4167/5167 (840:167g)	Conservation Biology	
Environmental Science:		
ENV SCI 6200 (830:200)	Environmental Biology	
ENV SCI 6235 (830:235)	Topics in Environmental Chemistry	
Total Hours		15

Certificate in Global Health and Humanitarian Assistance

Required:		
Health Promotion and Education:		8-11
HPE 4161/5161 (410:161g)	Global Service Mission	
HPE 4167/5167 (410:167g)	Cultural Competency for the Helping Professions	
HPE 4247/5247 (410:147g)	Minority Health	
HPE 4438/5438 (410:138g)	International Health	
Electives (selected two of the following):		6
Leisure Services:		
LYHS 3030 (430:030)	Inclusive Recreation and Diversity in LYHS	
Communication:		
COMM 4344/5344 (48C:151g)	Intercultural Communication	
Social Science:		
SOC SCI 1041 (900:041)	Social Welfare: A World View	
Political Science:		
POL INTL 1024 (943:024)	International Relations	
POL INTL 4125/5125 (943:125g)	North-South Relations	
Sociology:		
SOC 3037/5037 (980:045g)	Race, Ethnicity and Social Justice	
Anthropology:		
ANTH 1002 (990:011)	Culture, Nature, and Society	
ANTH 3001 (990:177)	Language and Culture	
ANTH 3101/5101 (990:164g)	Psychological Anthropology	
ANTH 3102/5102 (990:168g)	Culture, Disease, and Healing	

ANTH 3104/5104 (990:167g)	Gender in Cross-Cultural Perspective	
Total Hours		**14-17**

Division of Physical Education
Bachelor of Arts Degree Programs
Movement and Exercise Science Major

The Movement and Exercise Science major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Completion of this program prepares students for careers or further study in movement and exercise science or related areas but not for endorsement in K-12 school settings. To continue in the program and take 3000-level courses and above a student must have a C- or better in PEMES 2050 (420:050) Anatomy and Physiology of Human Movement . The student must maintain a cumulative 2.50 GPA in the major to graduate.

Required core:

Athletic Training:		2
AT 1018 (42T:018)	Prevention and Care of Athletic Injuries	
Physical Education:		19
PEMES 2050 (420:050)	Anatomy and Physiology of Human Movement	
PEMES 2053 (420:053)	Physical Activity and Nutrition for Health and Fitness	
PEMES 2056 (420:056)	Introduction to Motor Behavior	
PEMES 3121 (420:121)	Sociology and Psychology of Physical Activity	
PEMES 3151 (420:151)	Introductory Biomechanics	
PEMES 3153 (420:153)	Physiology of Exercise	
PEMES 3163	Career and Professional Development	
Physical Education (select a minimum of 6 hours from the following):		6
PEMES 3191 (420:191)	Senior Project	
PEMES 3193 (420:193)	Research Experiences	
PEMES 3197 (420:197)	Internship in Physical Education	
PEMES 4194 (420:194)	Senior Thesis	
Choose one of the following emphases:		12
Emphasis 1 - Exercise Science: [*]		
Physical Education:		
PEMES 3155/5155 (420:155g)	Exercise Physiology: Applications for Health and Human Performance	
PEMES 3156 (420:156)	Fitness Assessment and Programming	
PEMES 3157 (420:157)	Sports Nutrition	
PEMES 3186 ("Studies in", 3 hrs.)		

Emphasis 2 - Sport Psychology: [**]		
Athletic Training:		
AT 1019 (42T:019)	Prevention and Care Laboratory	
Physical Education:		
PEMES 3122 (420:122)	Psycho-Social Aspects of Competitive Sport	
PEMES 3154 (420:154)	Psychological Skills for Sport Participants	
Physical Education (select a minimum of 6 hours from the following):		
PEMES 2025 (420:025)	Conditioning Theory and Practice	
PEMES 3155/5155 (420:155g)	Exercise Physiology: Applications for Health and Human Performance	
PEMES 3156 (420:156)	Fitness Assessment and Programming	
PEMES 3186 ("Studies in", 1-6 hrs.)		
Total Hours		**39**

[*]   This emphasis prepares students with a broad background in exercise science with the ability to implement individual and group exercise and fitness programs, strength and power development, and as a preparation for graduate study in exercise science.

[**]   This emphasis provides a broad education in sport psychology and is designed to prepare students interested in pursuing careers in coaching, youth sport, as a sport teaching professional, motivational trainer, or for advanced studies in coaching. Students in this emphasis are strongly encouraged to complete a coaching minor.

[1]   Completion of this program prepares students for careers or further study in movement and exercise science or related areas but not for endorsement in K-12 school settings.

[2]   To continue in the program and take 3000-level courses and above, a student must have a C- or better in PEMES 2050 (420:050) Anatomy and Physiology of Human Movement. A cumulative plan (major) GPA of 2.50 is required to do the culminating internship and to graduate.

Physical Education Major-Teaching

The Physical Education-Teaching major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements, and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Completion of this program qualifies the student to be recommended for endorsements for Physical Education K-8 and Physical Education 5-12.

Student teachers must have current First Aid and CPR certification.

Disciplinary Knowledge core:

Physical Education:		20
PEMES 2019	First Aid and CPR for Physical Educators	

PEMES 2030	Teaching Physical Education For Learning	
PEMES 2050 (420:050)	Anatomy and Physiology of Human Movement	
PEMES 2053 (420:053)	Physical Activity and Nutrition for Health and Fitness	
PEMES 2056 (420:056)	Introduction to Motor Behavior	
PEMES 3121 (420:121)	Sociology and Psychology of Physical Activity	
PEMES 3151 (420:151)	Introductory Biomechanics	
PEMES 3153 (420:153)	Physiology of Exercise	
Pedagogical content:		
Physical Education:		14
PEMES 3173 (420:173)	Teaching Methods Block	
PEMES 3174 (420:174)	Assessment Processes in Physical Education *	
PEMES 3176 (420:176)	Administration and Curriculum Development in Physical Education	
PEMES 4152/5152 (420:152g)	Adapted Physical Education *	
Skill and Activity content:		
Physical Education:		10
PEMES 2011 (420:011)	Fundamental Physical Activities -- Aquatics	
PEMES 2013 (420:013)	Fundamental Physical Activities - Dance	
PEMES 2015 (420:015)	Lifetime Activities I (2 hrs. required)	
PEMES 2016 (420:016)	Lifetime Activities II (2 hrs. required)	
PEMES 2017 (420:017)	Fundamental Physical Activities -- Outdoor/ Adventure Pursuits	
PEMES 2021 (420:021)	Movement Activities for Children	
Total Hours		44

*   Students with a major in Physical Education-Teaching will substitute PEMES 4152/5152 (420:152g) Adapted Physical Education for SPED 3150 (220:150) Meeting the Needs of Diverse Learners in Classrooms and PEMES 3174 (420:174) Assessment Processes in Physical Education for MEASRES 3150 (250:150) Classroom Assessment in the Professional Education Requirements.

Minor
Coaching Minor

Students who complete this program will qualify for the Department of Education coaching endorsement. The coaching endorsement is for grades K-12. However, this program does not qualify students to teach physical education at any level.

Students who complete this program and are not teaching majors will qualify for the Department of Education coaching authorization.

Required:		
Educational Psychology:		3
EDPSYCH 2030 (200:030)	Dynamics of Human Development	
Athletic Training:		3
AT 1018 (42T:018)	Prevention and Care of Athletic Injuries	
AT 1019 (42T:019)	Prevention and Care Laboratory	
Physical Eduation:		10
PEMES 2024 (420:024)	Anatomy and Kinesiology	
PEMES 2025 (420:025)	Conditioning Theory and Practice	
PEMES 3118 (420:118)	Practicum in Coaching	
PEMES 3122 (420:122)	Psycho-Social Aspects of Competitive Sport	
PEMES 4217/5217 (420:127g)	Organization and Administration of Competitive Sports	
Electives from the following:		4-6
Physical Education:		
PEMES 3101 (420:101)	Advanced Skill and Coaching Theory -- Baseball	
PEMES 3102 (420:102)	Advanced Skill and Coaching Theory -- Basketball	
PEMES 3104 (420:104)	Advanced Skill and Coaching Theory -- Football	
PEMES 3107 (420:107)	Advanced Skill and Coaching Theory -- Soccer	
PEMES 3108 (420:108)	Advanced Skill and Coaching Theory -- Softball	
PEMES 3111 (420:111)	Advanced Skill and Coaching Theory -- Track and Field	
PEMES 3112 (420:112)	Advanced Skill and Coaching Theory -- Volleyball	
PEMES 3113 (420:113)	Advanced Skill and Coaching Theory -- Wrestling	
Total Hours		20-22

Note: Students in teaching majors will complete EDPSYCH 2030 (200:030) Dynamics of Human Development within the Professional Education Requirements. PEMES 3118 (420:118) Practicum in Coaching must be completed prior to student teaching.

Master of Arts Degree Program
Major in Physical Education

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their

List of Programs by Department

MyUNIverse Student Center To-Do list or contact the Division of Physical Education (within the School of Kinesiology, Allied Health and Human Services) for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission.*

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **thesis** and **non-thesis** options. A **minimum of 30 semester hours** is required for both options. Additional hours may be required if, upon entering the graduate program, the student needs prerequisites. Total hours for the thesis option includes 6 hours of PEMES 6299 (420:299) Research . Total hours for the non-thesis option includes 2 hours of PEMES 6299 (420:299) Research for a research paper. A thesis/research paper defense is required.

This major offers two emphases:

1. Teaching- Pedagogy:

To be eligible for admission to the graduate program, the candidate must have an undergraduate degree in teaching physical education or be currently licensed to teach physical education. Undergraduate students in the last semester of a bachelor degree in physical education PK-12 teaching my be provisionally accepted. Candidates not meeting these requirements may petition for special consideration for admission.

A minimum of 15 hours must be at the 200/6000 level for both the thesis and non-thesis options. The program is available on the thesis and non-thesis options.

The primary focus of this emphasis is the study of teaching (pedagogy). The program does not lead to a teaching license in Physical Education.

Required:

Measurement and Research/Kinesiology, Allied Health and Human Services, Interdepartmental:		6
HPELS 6290 (440:290)	Research Methods for Health, Physical Education and Leisure Services	
Choose one of the following:		
MEASRES 6205 (250:205)	Educational Research	
HPELS 6210 (440:210)	Quantitative Methods in HPELS	
HPELS 6215 (440:215)	Qualitative Methods	
Physical Education:		9
PEMES 6230 (420:230)	Curriculum Theory and Design in Physical Education	
PEMES 6231 (420:231)	Effective Teaching in Physical Education	

PEMES 6273 (420:273)	Contemporary Issues in Physical Education and Athletics	
Physical Education:		2
PEMES 6297 (420:297)	Practicum	
2 hours		
Research:		2 or 6
PEMES 6299 (420:299)	Research	
Thesis option (6 hrs.)		
Non-thesis option (2 hrs.)		
Electives from the following courses:		7 or 11
PEMES 6251 (420:251)	Biomechanics	
PEMES 6255 (420:255)	Motor Control and Learning	
PEMES 6285 (420:285)	Readings in Physical Education	
PEMES 6289 (420:289)	Seminar in Physical Education (maximum 12 hours on different topics)	
Thesis option (7 hrs.)		
Non-thesis option (11 hrs.)		
Total hours		30

2. Kinesiology Emphasis:

This emphasis is designed for those who wish to concentrate their study in one of the subdisciplines of Kinesiology. The major offers two focus areas, and is available on the **thesis** and **non-thesis** options. **A minimum of 21 hours, exclusive of PEMES 6299 (420:299) credit, must be at the 200/6000-level.**

Exercise Science and Sports Performance Focus:

Required:		
Physical Education:		9
PEMES 6251 (420:251)	Biomechanics	
PEMES 6253 (420:253)	Advanced Exercise Physiology	
PEMES 6260 (420:260)	Laboratory Instrumentation and Test Interpretation	
Kinesiology, Allied Health and Human Services, Interdepartmental:		6
HPELS 6210 (440:210)	Quantitative Methods in HPELS (or equivalent)	
HPELS 6290 (440:290)	Research Methods for Health, Physical Education and Leisure Services	
Physical Education:		6
PEMES 6289 (420:289)	Seminar in Physical Education (on different topics)	
Research:		2 or 6
PEMES 6299 (420:299)	Research	
Thesis option (6 hrs.)		
Non-thesis option (2 hrs.)		
Electives from the following courses:		3 or 7
PEMES 6222 (420:222)	Sport Psychology	
PEMES 6255 (420:255)	Motor Control and Learning	

PEMES 6271 (420:271)	Cardiovascular Physiology	
PEMES 6285 (420:285)	Readings in Physical Education	
PEMES 6289 (420:289)	Seminar in Physical Education (maximum 6 hours in addition to required hours on different topics)	
PEMES 6297 (420:297)	Practicum	
Thesis option (3 hrs.)		
Non-thesis option (7 hrs.)		
Total hours		30

Sport and Exercise Psychology Focus:

Required:		
Physical Education:		12
PEMES 6222 (420:222)	Sport Psychology	
PEMES 6251 (420:251)	Biomechanics	
PEMES 6255 (420:255)	Motor Control and Learning	
PEMES 6273 (420:273)	Contemporary Issues in Physical Education and Athletics	
Kinesiology, Allied Health and Human Services, Interdepartmental:		6
HPELS 6210 (440:210)	Quantitative Methods in HPELS (or equivalent)	
HPELS 6290 (440:290)	Research Methods for Health, Physical Education and Leisure Services	
Physical Education:		3
Choose one of the following:		
PEMES 6285 (420:285)	Readings in Physical Education	
PEMES 6289 (420:289)	Seminar in Physical Education	
PEMES 6293 (420:293)	Research Experience in Physical Education	
Research:		2 or 6
PEMES 6299 (420:299)	Research	
Thesis option (6 hrs.)		
Non-thesis option (2 hrs.)		
Electives from the following courses:		3 or 7
PEMES 6253 (420:253)	Advanced Exercise Physiology	
PEMES 6260 (420:260)	Laboratory Instrumentation and Test Interpretation	
PEMES 6271 (420:271)	Cardiovascular Physiology	
PEMES 6285 (420:285)	Readings in Physical Education (maximum 6 hrs. on different topics)	
PEMES 6289 (420:289)	Seminar in Physical Education	
PEMES 6293 (420:293)	Research Experience in Physical Education	
PEMES 6297 (420:297)	Practicum	

PSYCH 3303/5303 (400:154g)	Health Psychology	
PSYCH 3403/5403 (400:142g)	Abnormal Psychology	
PSYCH 3502/5502 (400:134g)	Motivation and Emotion	
POSTSEC 6218 (170:218)	Organization and Governance of Postsecondary Education	
POSTSEC 6270 (170:270)	College Student Development	
Thesis option (3 hrs.)		
Non-thesis option (7 hrs.)		
Total hours		30

Division of Leisure, Youth and Human Services

Academic Policies

Major Requirements

The following criteria shall be used to determine student eligibility for the Leisure, Youth and Human Services major:

1. 2.00 or above cumulative UNI GPA.

2. A grade of C (2.00) or higher in all courses applied to the major. If the student earns less than a C in a major course, s(he) must retake the course within two semesters in order to apply it to the major.

Within one semester after full admission to the major, students must file an approved undergraduate Program of Study, including all electives to be taken for the major.

In order to remain in good academic standing, students must maintain a cumulative major GPA of 2.50 or above. Students whose GPAs fall below 2.50 will have one semester in which to raise grades to the required level. If they are unable to do so, they must retake the course or courses that caused the GPA to fall below 2.50, and they will be administratively dropped from any other major courses for which they have registered.

In order to be eligible for internship and graduation, students must:

1. Meet the academic criteria above.

2. Complete a minimum of 500 Professional Experience hours in Leisure, Youth and Human Service settings.

3. Hold or obtain current certification in American Red Cross CPR PRO (Professional Rescuer), American Red Cross AED (Automatic External Defibrillation), American Red Cross First Aid, American Red Cross PDT (Prevention of Disease Transmission), and Child/Dependent Adult Abuse Mandatory Reporter Training.

4. Students are required to demonstrate computer competency prior to enrolling in seminar.

Minor Requirements

Admission to the Leisure, Youth and Human Services and Youth Services Administration minors requires students to have a cumulative

UNI GPA of 2.00. To graduate with a minor in Leisure, Youth and Human Services, students must have a minor GPA of 2.50, with a grade of C (2.00) or higher in all courses applied to the minor. Students must officially declare the minor.

Bachelor of Arts Degree Program
Leisure, Youth and Human Services Major

The Leisure, Youth and Human Services major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

The Leisure, Youth and Human Services major prepares students to deliver programs and manage facilities designed to meet human, community, and social needs in public, governmental, and nonprofit community agencies. Graduates may find employment in agencies that serve people of all ages from diverse backgrounds in areas such as municipal parks and recreation, commercial recreation, tourism, outdoor recreation, therapeutic recreation (clinical and community-based settings), the nonprofit and youth serving agencies, armed forces recreation, campus recreation, and other leisure service delivery sectors. The major focuses on direct service programming with an emphasis on supervisory and managerial skills. The Leisure, Youth and Human Services program is accredited by NRPA/AALR.

The Leisure, Youth and Human Services major requires all students to take a common core of courses with additional supporting courses in areas of professional interest.

Required core:

Leisure, Youth and Human Services:		35
LYHS 2010 (430:010)	Introduction to Leisure, Youth and Human Services	
LYHS 2020 (430:020)	Leadership in Leisure, Youth and Human Services	
LYHS 3050 (430:114)	Management of Leisure, Youth and Human Services	
LYHS 3060 (430:110)	Programming for Leisure, Youth and Human Services	
LYHS 3121 (430:121)	Philosophical Foundations of Leisure, Youth and Human Services	
LYHS 4070/5070 (430:169g)	Research and Evaluation in Leisure, Youth and Human Services	
LYHS 4080 (430:189)	Seminar (2 hrs.)	
LYHS 4090 (430:184)	Senior Project (3 hrs.)	
LYHS 4095 (430:187)	Internship (12 hrs.)	
Students will work with their assigned advisor to develop an area of professional interest with appropriate corresponding LYHS supporting courses:		21
Total Hours		56

Minor

For Academic Policies regarding minors within the Division of Leisure, Youth and Human Services see Minor Requirements.

Leisure, Youth and Human Services Minor

Required:

Leisure, Youth and Human Services:		12
LYHS 2010 (430:010)	Introduction to Leisure, Youth and Human Services	
LYHS 2020 (430:020)	Leadership in Leisure, Youth and Human Services	
LYHS 3030 (430:030)	Inclusive Recreation and Diversity in LYHS	
LYHS 3060 (430:110)	Programming for Leisure, Youth and Human Services	
Electives (select two of the following):		6
Leisure, Youth and Human Services:		
LYHS 3050 (430:114)	Management of Leisure, Youth and Human Services	
LYHS 3121 (430:121)	Philosophical Foundations of Leisure, Youth and Human Services	
LYHS 3991/5991 (430:123)	Principles of Therapeutic Recreation II	
LYHS 4070/5070 (430:169g)	Research and Evaluation in Leisure, Youth and Human Services	
LYHS 4115/5115 (430:168g)	Areas and Facilities for Leisure, Youth and Human Services	
LYHS 4116/5116 (430:172g)	Festivals and Special Events Management	
Total Hours		18

Master of Arts Degree Program
Major in Leisure, Youth and Human Services

This major is designed to foster preparation for professional leadership roles in the administration of leisure, youth and human services agencies. The program offers the student the opportunity to take an active role in determining personal learning objectives and developing individual programs of study. The program supports professional development through the utilization of relevant philosophy, content, and skills in order to provide management and leadership for effective and efficient delivery of leisure, youth and human services. Students are encouraged to focus on study that has direct relevance to professional practice. Students can design programs of study for work in campus recreation, nonprofit settings, community recreation, tourism organizations, sports administration, and outdoor resource management.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Division of Leisure, Youth and Human Services (within the School of Kinesiology, Allied Health and Human Services) for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **thesis** and **non-thesis** options. A **minimum of 36 semester hours** is required for the **thesis** option, and a **minimum of 33 semester hours** is required for the **non-thesis** option. Up to an additional 12 hours of undergraduate work may be required for students who do not have undergraduate preparation in the area. **The thesis option requires a minimum of 15 hours of 200/6000-level course work, including 6 hours of LYHS 6299 (430:299) Research . The non-thesis option requires a minimum of 12 hours of 200/6000-level course work, including 3 hours of LYHS 6299 (430:299) Research .** Successful completion of a final comprehensive examination (research paper/thesis) is required for **both the thesis and non-thesis options.** A final oral comprehensive examination will occur simultaneously during the oral defense of the research paper or thesis.

Required: [*]

Minimum of one research course from the following:		3
Kinesiology, Allied Health and Human Services, Interdepartmental:		
HPELS 6215 (440:215)	Qualitative Methods	
HPELS 6290 (440:290)	Research Methods for Health, Physical Education and Leisure Services	
Sociology:		
SOC 4025/5025 (980:160g)	Quantitative Research	
Statistical Analysis course:		3
Health, Physical Education, and Leisure Services, Interdepartmental:		
HPELS 6210 (440:210)	Quantitative Methods in HPELS	
Research:		3 or 6
LYHS 6299 (430:299)	Research	
Thesis option (6 hrs.)		
Non-thesis option (3 hrs.)		
Leisure, Youth and Human Services:		6
LYHS 6200 (430:240)	Historical and Philosophical Foundations of Leisure, Youth and Human Services	
At least one of the following:		
LYHS 6201 (430:201)	Social Policy and Issues in Leisure, Youth and Human Services	
LYHS 6202 (430:202)	Social Psychology of Leisure	
Select from the following of PEMES/420:xxx/5xxx/6xxx, LYHS/430:xxx/5xxx/6xxx, HPELS/440:xxx/5xxx/6xxx or other graduate level courses on campus as approved by advisor:		18
Total hours thesis option		36
Total hours non-thesis option		33

Program Certificates

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following program certificates, contact the School of Kinesiology, Allied Health and Human Services or the Office of the Registrar, which serves as the centralized registry.

Aquatics Specialization Certificate

The purpose of this certificate is to develop and produce quality graduates who have the appropriate skills and certifications to obtain employment in the aquatic profession. Upon completion of the certificate, students will be able to teach Lifeguarding, Water Safety, and be certified as a pool operator through national certifications.

Required:

Physical Education:		7
PEMES 2011 (420:011)	Fundamental Physical Activities -- Aquatics	
PEMES 2060 (420:060)	Lifeguard Training and Instruction	
PEMES 2061 (420:061)	Water Safety Instruction	
PEMES 3120 (420:120)	Certified Pool Operators	
Leisure, Youth and Human Services:		6
LYHS 2010 (430:010)	Introduction to Leisure, Youth and Human Services	
LYHS 3060 (430:110)	Programming for Leisure, Youth and Human Services	
Electives: 5 hours as approved by advisor, selected from the following:		5
Physical Education:		
PEMES 1A39 (420:A39) (Canoeing, 1 hr.)		
PEMES 1A66 (420:A66) (Skin & Scuba Diving, 2 hrs.)		
PEMES 3168 (420:168)	Assisting in Physical Activity and Wellness	
PEMES 3186 (420:186) (Studies in PE: Coaching Swimming, 2 hrs.)		
PEMES 3186 (420:186) (Studies in Small Craft Safety/ Water Rescue, 1 hr.)		
PEMES 3186 (420:186) (Studies in Physical Education: Lifeguard Instructor Training, 1 hr.)		
Leisure, Youth and Human Services:		
LYHS 4115/5115 (430:168g)	Areas and Facilities for Leisure, Youth and Human Services	
Total Hours		18

Nonprofit Management Certificate

This certificate provides knowledge, skill-building and professional experience for students interested in working in the nonprofit sector. Earning this certificate at UNI also enables students to earn a national certificate in Nonprofit Management from Nonprofit Leadership Alliance.

Students interested in this certificate should contact the School of Kinesiology, Allied Health and Human Services (319-273-2141).

Required:

Youth and Human Service Administration:		12
LYHS 2335 (430:060)	Principles of Nonprofit and Youth Agencies	
LYHS 3050 (430:114)	Management of Leisure, Youth and Human Services	
LYHS 3337 (430:154)	Human Resource Development for Nonprofit and Youth Agencies	
LYHS 4055 (430:151)	Financial Resource Management for LYHS Agencies	
Leisure Services Internship:		8
LYHS 4095 (430:187)	Internship	
Nonprofit Leadership Practicum:		2
LYHS 4339/5339 (430:188g)	Nonprofit Leadership Practicum	
Total Hours		22

Outdoor Recreation Certificate

The Outdoor Recreation Certificate program is designed to train students for professional employment in the varied and growing field of outdoor recreation and adventure education. This program offers students the opportunity to develop skills in a variety of outdoor recreation activities while studying the theories, trends and issues involved in working with groups, facilitating adventure education, and managing the impacts of recreation on our natural environment. The Certificate in Outdoor Recreation is available to students in all majors.

Required:

Leisure, Youth and Human Services:		12
LYHS 2551 (430:050)	Principles of Outdoor Recreation	
LYHS 4552/5552 (430:130g)	Theory and Practice of Experiential Education	
LYHS 4553/5553 (430:143g)	Trends and Issues in Outdoor Recreation	
LYHS 4554/5554 (430:146g)	Managing Recreation Impacts on the Natural Environment	
Outdoor recreation activity skills classes:		3
PEMES xxxx (420:xxx)		
Total Hours		15

School-Age Care Leadership Certificate

This certificate is designed to provide students participating in the Camp Adventure Youth Services program an opportunity to receive credit for their application of youth development principles to school-age children (ages 5-12) in global settings.

Required:

Leisure, Youth and Human Services:		15

LYHS 4265/5265 (430:165g)	Leisure, Youth and Human Services Field Experience	
LYHS 4623/5623 (430:141g)	Field Experience in Camp Counseling	
LYHS 4625/5625 (430:144g)	Camp Management Systems	
Electives: selected from the following:		2-3
TEACHING 2017	Level 1 Field Experience: Exploring Teaching	
Educational Psychology and Foundations:		
EDPSYCH 3109	Development and Assessment of Young Children	
EDPSYCH 4116/5116 (200:116g)	Psychology of Adolescence	
EDPSYCH 6235 (200:235)	Theories of Human Development	
School of Applied Human Sciences:		
FAM SERV 1010 (31F:010)	Human Identity and Relationships	
FAM SERV 1020 (31F:020)	Family Relationships	
FAM SERV 1055 (31F:055)	Human Growth and Development	
Total Hours		17-18

Tourism Certificate

The Tourism Certificate is administered by the Leisure, Youth and Human Services Division within the School of Kinesiology, Allied Health and Human Services, College of Education. For information on this program certificate, contact the Division of Leisure, Youth and Human Services, Tourism Advisor, 203 WRC.

Required:

Leisure, Youth, and Human Services (6 hrs):		6
LYHS 2075 (430:075)	Tourism and Recreation Marketing	
LYHS 2770 (430:070)	Principles of Tourism	
Select three of the following:		
Leisure, Youth and Human Services (9 hrs):		9
LYHS 3774 (430:173)	Conferences, Expositions and Conventions in Tourism	
LYHS 4116/5116 (430:172g)	Festivals and Special Events Management	
LYHS 4554/5554 (430:146g)	Managing Recreation Impacts on the Natural Environment	
LYHS 4776/5776 (430:170g)	Eco, Adventure and Sport Tourism	
LYHS 4778/5778 (430:171g)	Community Based Tourism	
LYHS 4779/5779 (430:138g)	Community Planning Workshop	
Total Hours		15

*   If student has successfully completed MKTG 2110 (130:101) Principles of Marketing, this course can be substituted for LYHS 2075 (430:075) Tourism and Recreation Marketing.

Department of History

(College of Social and Behavioral Sciences)

www.uni.edu/history

The Department of History offers the following undergraduate and graduate programs and program certificate. Specific requirements for these programs are listed within this Department of History section in the following order:

Undergraduate Majors (B.A.)

- History-Liberal Arts
- History-Teaching

Minor

- History
- Public History

Graduate Major (M.A.)

- History

Program Certificate

- Public History

Bachelor of Arts Degree Programs

History Major-Liberal Arts

The History-Liberal Arts major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required

Humanities		3
HISTORY MAJORS MUST TAKE HUM 1021, HUM 1022 (680:022), AND HUM 1023, OR THEIR EQUIVALENT. Select one of the following not used to fulfill the 6-hour Liberal Arts Core curriculum requirement in Category 2A: *		
HUM 1021 (680:021)	Humanities I: The Ancient, Classical, and Medieval Worlds (required)	
HUM 1022 (680:022)	Humanities II: The Renaissance, Reformation, and Enlightenment (required)	
HUM 1023 (680:023)	Humanities III: The Age of Revolution to the Present (required)	
History		

HIST 1010 (960:010)	Introduction to the Study of History (this course must be taken immediately after major is declared) **	3
HIST 1011 (960:011)	Field Experience: Public History (this course must be taken immediately after major is declared) **	1
HIST 3000 (960:192)	Junior-Senior Seminar	3
HISUS 1110 (961:014)	United States History to 1877 (this course must be taken by the end of the sophomore year)	3
HISUS 1120 (961:015)	United States History since 1877 (this course must be taken by the end of the sophomore year)	3
Electives in history (must be 100/3000/4000-level)		27
European history (6 hours)		
Must include one course from Category A:		
HISEUA 4310/5310 (962:101g)	History of Ancient Greece	
HISEUA 4320/5320 (962:103g)	History of Ancient Rome	
HISEUA 4330/5330 (962:123g)	History of Classical Civilization	
HISEUA 4340/5340 (962:152g)	Medieval Civilization	
HISEUA 4350/5350 (962:153g)	The Renaissance and Reformation	
HISEUA 4360/5360 (962:158g)	Age of Absolutism and the Enlightenment	
HISEUA 4420/5420 (962:126g)	History of Ireland	
HISEUA 4440/5440 (962:164g)	English History to 1688	
HISEUA 4460/5460 (962:171g)	History of Germany to 1648	
HISEUA 4480/5480 (962:151g)	The Ancient Near East	
Must include one course from Category B:		
HISEUB 4510/5510 (963:155g)	Europe from the French Revolution to World War I	
HISEUB 4520/5520 (963:160g)	Europe from World War I to the Present	
HISEUB 4610/5610 (963:165g)	English History since 1688	
HISEUB 4620/5620 (963:174g)	History of Modern France	
HISEUB 4630/5630 (963:172g)	History of Germany Since 1648	
HISEUB 4640/5640 (963:153g)	Modern Mediterranean Europe: History and Culture	
HISEUB 4650/5650 (963:188g)	Modern Central and Eastern Europe	
HISEUB 4660/5660 (963:169g)	History of Imperial Russia	

HISEUB 4670/5670 (963:170g)	History of Soviet Russia	
HISEUB 4675/5675 (963:157g)	Great Power Diplomacy from the Congress of Vienna to the Present	
HISEUB 4680/5680 (963:154g)	Military History from Napoleon to the Present	
HISEUB 4690/5690 (963:161g)	Modern European Women's History	

Non-Western history (6 hours)

HISNW 4720/5720 (964:180g)	Modern Latin American History	
HISNW 4730/5730 (964:174g)	Pre-Modern African History	
HISNW 4740/5740 (964:175g)	Modern African History	
HISNW 4820/5820 (964:178g)	Modern Middle East History	
HISNW 4830/5830 (964:181g)	Pre-Modern South Asia	
HISNW 4840/5840 (964:182g)	Modern South Asia	
HISNW 4850/5850 (964:183g)	Pre-Modern Chinese History	
HISNW 4860/5860 (964:187g)	Modern Chinese History	
HISNW 4870/5870 (964:127g)	Pre-Modern Japan	
HISNW 4880/5880 (964:128g)	Modern Japan	

United States History (6 hours)

HISUS 4110/5110 (961:136g)	American Colonial History	
HISUS 4130/5130 (961:137g)	The Early Republic, 1785-1850	
HISUS 4140/5140 (961:139g)	Civil War and Reconstruction	
HISUS 4150/5150 (961:147g)	Foundations of Modern America: The United States, 1877-1929	
HISUS 4160/5160 (961:131g)	U.S. History from 1929 to 1960	
HISUS 4170/5170	U.S. Environmental History	
HISUS 4180/5180 (961:116g)	Recent United States History	
HISUS 4190/5190	The American Revolution and Its War	
HISUS 4200/5200 (961:130g)	History of Iowa	
HISUS 4210/5210 (961:141g)	The South in United States History	
HISUS 4220/5220 (961:140g)	History of the American West	
HISUS 4230/5230 (961:102g)	History of Technology in America	

HISUS 4235/5235 (961:120g)	Popular Culture in the United States	
HISUS 4240/5240 (961:144g)	History of American Thought	
HISUS 4245/5245 (961:122g)	African-American History	
HISUS 4250/5250 (961:145g)	Religion in America	
HISUS 4255/5255 (961:124g)	The City in United States History	
HISUS 4260/5260 (961:146g)	United States Women's History	
HISUS 4265/5265 (961:150g)	Society and Culture in the United States	
HISUS 4270/5270 (961:135g)	American Indian History	
HISUS 4275/5275 (961:142g)	United States Constitutional History	

Additional Electives (9 hours)

Total Hours	43

*   ALL HISTORY MAJORS MUST TAKE HUM 1021, HUM 1022, AND HUM 1023, OR THEIR EQUIVALENT.

**   Corequisites

Note: In order to graduate with a major in History-Liberal Arts, students must achieve a total major GPA of at least 2.50. Only courses with an earned grade of at least a C- will count toward the major.

History Major-Teaching

The History-Teaching major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements, and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required

Social Science

SOC SCI 3190	Introduction to Teaching Social Studies	1
SOC SCI 4190 (900:190)	Methods of Teaching Social Studies	3

Humanities		3

Select one of the following not used to fulfill the 6-hour Liberal Arts Core curriculum requirement in Category 2A: [*]

HUM 1021 (680:021)	Humanities I: The Ancient, Classical, and Medieval Worlds (required)	
HUM 1022 (680:022)	Humanities II: The Renaissance, Reformation, and Enlightenment (required)	
HUM 1023 (680:023)	Humanities III: The Age of Revolution to the Present (required)	

History

HIST 1010 (960:010)	Introduction to the Study of History (this course must be taken immediately after major is declared) **	3
HIST 1011 (960:011)	Field Experience: Public History (this course must be taken immediately after major is declared) **	1
HIST 3000 (960:192)	Junior-Senior Seminar	3
HISUS 1110 (961:014)	United States History to 1877 (this course must be taken by the end of the sophomore year)	3
HISUS 1120 (961:015)	United States History since 1877 (this course must be taken by the end of the sophomore year)	3

Electives in history (must be 100/3000/4000-level)		24
European history (9 hours)		
Must include one course from Category A:		
HISEUA 4310/5310 (962:101g)	History of Ancient Greece	
HISEUA 4320/5320 (962:103g)	History of Ancient Rome	
HISEUA 4330/5330 (962:123g)	History of Classical Civilization	
HISEUA 4340/5340 (962:152g)	Medieval Civilization	
HISEUA 4350/5350 (962:153g)	The Renaissance and Reformation	
HISEUA 4360/5360 (962:158g)	Age of Absolutism and the Enlightenment	
HISEUA 4420/5420 (962:126g)	History of Ireland	
HISEUA 4440/5440 (962:164g)	English History to 1688	
HISEUA 4460/5460 (962:171g)	History of Germany to 1648	
HISEUA 4480/5480 (962:151g)	The Ancient Near East	
Must include one course from Category B:		
HISEUB 4510/5510 (963:155g)	Europe from the French Revolution to World War I	
HISEUB 4520/5520 (963:160g)	Europe from World War I to the Present	
HISEUB 4610/5610 (963:165g)	English History since 1688	
HISEUB 4620/5620 (963:174g)	History of Modern France	
HISEUB 4630/5630 (963:172g)	History of Germany Since 1648	
HISEUB 4640/5640 (963:153g)	Modern Mediterranean Europe: History and Culture	
HISEUB 4650/5650 (963:188g)	Modern Central and Eastern Europe	

HISEUB 4660/5660 (963:169g)	History of Imperial Russia	
HISEUB 4670/5670 (963:170g)	History of Soviet Russia	
HISEUB 4675/5675 (963:157g)	Great Power Diplomacy from the Congress of Vienna to the Present	
HISEUB 4680/5680 (963:154g)	Military History from Napoleon to the Present	
HISEUB 4690/5690 (963:161g)	Modern European Women's History	
Non-Western history (6 hours)		
HISNW 4720/5720 (964:180g)	Modern Latin American History	
HISNW 4730/5730 (964:174g)	Pre-Modern African History	
HISNW 4740/5740 (964:175g)	Modern African History	
HISNW 4820/5820 (964:178g)	Modern Middle East History	
HISNW 4830/5830 (964:181g)	Pre-Modern South Asia	
HISNW 4840/5840 (964:182g)	Modern South Asia	
HISNW 4850/5850 (964:183g)	Pre-Modern Chinese History	
HISNW 4860/5860 (964:187g)	Modern Chinese History	
HISNW 4870/5870 (964:127g)	Pre-Modern Japan	
HISNW 4880/5880 (964:128g)	Modern Japan	
United States history (9 hours)		

Total Hours	44

* All History majors must successfully complete Category 2A of the Liberal Arts Core.

** Corequisites

Note: Only courses with an earned grade of at least a C- will count toward the major. The History major may consider a minor in at least one other social science discipline.

Minor
History Minor

Electives in history (12 hours must be 100/3000/4000-level)		18
HISUS 1120 (961:015)	United States History since 1877 [*]	
And one course from the following list are strongly recommended:		
HISEUB 4510/5510 (963:155g)	Europe from the French Revolution to World War I	
HISEUB 4520/5520 (963:160g)	Europe from World War I to the Present	

HISEUB 4610/5610 (963:165g)	English History since 1688	
HISEUB 4620/5620 (963:174g)	History of Modern France	
HISEUB 4630/5630 (963:172g)	History of Germany Since 1648	
HISEUB 4640/5640 (963:153g)	Modern Mediterranean Europe: History and Culture	
HISEUB 4650/5650 (963:188g)	Modern Central and Eastern Europe	
HISEUB 4660/5660 (963:169g)	History of Imperial Russia	
HISEUB 4670/5670 (963:170g)	History of Soviet Russia	
HISEUB 4675/5675 (963:157g)	Great Power Diplomacy from the Congress of Vienna to the Present	
HISEUB 4680/5680 (963:154g)	Military History from Napoleon to the Present	
HISEUB 4690/5690 (963:161g)	Modern European Women's History	
Total Hours		18

*   HISUS 1120 (961:015) and one European history course from Category B are strongly recommended.

Public History Minor

Required:		
History:		
HIST 1010 (960:010)	Introduction to the Study of History	3
HIST 4010/5010 (960:106g)	Introduction to Public History	3
Two history or related courses at the 3000-level or above		6
Select 6 hours from one or both of the following		6
HIST 3179 Cooperative Education		
HIST 4030/5030 (960:132g)	Internship in Historical Studies	
Total Hours		18

Master of Arts Degree Program
Major in History

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of History for other application requirements. Graduate information and application for graduate admission can be found at www.grad.uni.edu/admission.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate program, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

The object of this program is to prepare students for either further graduate study (thesis option recommended), teaching at the secondary or community college level (non-thesis option recommended), or history-related careers in government, business or private research (public history emphasis recommended). As a general rule, students should have a GPA of 3.20 or better for admission to the program. This major is available on the **thesis** and **non-thesis** options; a **minimum of 30 semester hours** is required for either option. **The thesis option requires a minimum of 18 hours of 200/6000-level course work, including a total of 6 hours of HIST 6299 (960:299) (students choosing the Public History emphasis may complete a Thesis Project in place of a written thesis). The non-thesis option requires a minimum of 15 hours of 200/6000-level course work and the completion of a research paper**. Prospective majors must consult with the department head about further requirements prior to beginning their programs.

For the **thesis** option, students must present a proposal for the approval of their Faculty Committee; pass an oral defense of the thesis; and, depending on the research emphasis, may be required by the Committee to demonstrate competency in a second language. For the **non-thesis** option, students must pass a written comprehensive examination in the primary field and an oral comprehensive examination in both the primary field and a secondary field.

This program also includes an accelerated version of the two-year M.A. degree program in history listed above. It is available only to UNI undergraduate history majors and allows such students to complete the M.A. degree one year after receiving their B.A. degree. It is a two-phase program, with a preparatory phase and a graduate phase. Upon declaration of an undergraduate major in history, any UNI student may apply to the department for entry into the preparatory phase of the Accelerated M.A. program. The graduate phase of the program begins after the student receives the B.A. degree and is admitted into the graduate program in history.

To be considered for admission into this accelerated program, students must have a UNI cumulative grade point average of 3.50 or above and must apply for entry into the program by the end of their junior year by completing an application for admission to graduate study, which can be found at www.grad.uni.edu/admission.

In order to complete the M.A. in one additional year after the B.A., undergraduate students who are admitted to the preparatory phase of the program will need to enroll in 6 hours of graduate work each semester of their senior year, as provided for in this University Catalog. (See policies and procedures for Graduate Credit as a Senior.) Graduate work completed in this program will be counted as graduate credit on the student's transcript and will not be counted toward the undergraduate degree. No more than 12 credits of graduate credit may be taken before the B.A. is awarded.

Undergraduate students in the preparatory phase may take no more than a combined total (including undergraduate and graduate courses) of 12 hours in a semester or 6 hours in a summer session.

After completion of the preparatory phase of the program, the student will be considered for admission to the graduate portion of the Accelerated M.A. program. Actual admission to graduate study and classification as a graduate student commences the term after the student has completed the B.A. All other degree requirements for the regular history M.A. program also apply to the Accelerated M.A. program.

Thesis Option

Required

History

HIST 6030 (960:280)	Seminar - Topics in U.S. History	3-9
HIST 6050 (960:290)	Historical Methods	3
HIST 6288	Seminar - Topics in World History	3-9
HIST 6289 (960:289)	Seminar in United States Historiography	3
HIST 6299 (960:299)	Research	6
Electives (may take one course, up to 3 hours, outside the field of history)		0-12
Total hours		30

Non-Thesis Option

Required

History

HIST 6030 (960:280)	Seminar - Topics in U.S. History	3-9
HIST 6050 (960:290)	Historical Methods	3
HIST 6288	Seminar - Topics in World History	3-9
HIST 6289 (960:289)	Seminar in United States Historiography	3
History (HIST 6xxx/960:2XX)		0-3
Electives (may take one course, up to 3 hours, outside the field of history)		3-15
Total hours		30

Public History Emphasis

This program is offered in conjunction with the thesis or non-thesis option. A minimum of 30 semester hours is required of which at least 9 hours comprise public history for either option. The thesis option requires a minimum of 18 hours of 200/6000-level course work, including a total of 6 hours of HIST 6299 (960:299). Students may choose to complete a thesis project in place of a traditional thesis. The non-thesis option requires a minimum of 15 hours of 200/6000-level course work and the completion of a research paper. As a prerequisite for admission to this program, students must have a B.A. in history or at least nine credit hours of history. Successful defense of the thesis/thesis project on the thesis option or successful passage of the written and oral comprehensive examinations with public history as a thematic field on the non-thesis option is required.

THESIS/THESIS PROJECT OPTION:

Required:		
HIST 5010	Introduction to Public History	3
HIST 6030 (960:280)	Seminar - Topics in U.S. History	3-6
HIST 6050 (960:290)	Historical Methods	3
HIST 6288	Seminar - Topics in World History	3-6

HIST 6289 (960:289)	Seminar in United States Historiography	3
Internship		6
HIST 5030	Internship in Historical Studies	
Research		6
HIST 6299 (960:299)	Research	
Electives (may take one course, up to 3 hours, outside the field of history		0-3
Total hours		30
NON-THESIS OPTION:		
Required:		
HIST 5010	Introduction to Public History	3
HIST 6030 (960:280)	Seminar - Topics in U.S. History	3-6
HIST 6050 (960:290)	Historical Methods	3
HIST 6288	Seminar - Topics in World History	3-6
HIST 6289 (960:289)	Seminar in United States Historiography	3
Internship		6
HIST 5030	Internship in Historical Studies	
Electives (may take one course, up to 3 hours, outside the field of history)		3-9
Total hours		30

Program Certificate

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following program certificate, contact the Department of History or the Office of the Registrar, which serves as the centralized registry.

Certificate in Public History

This certificate is available to history majors and non-history majors who have completed a prescribed course of study within public history. This program exposes students to the array of opportunities available in the fields of public history and an opportunity to add an experiential component to their academic education. Individual curricula will be defined in consultation with the program's director.

Required

History

HIST 4010/5010 (960:106g)	Introduction to Public History	3
Two history or related courses at the 100/3000-level or above		6
Select 6 hours from one or both of the following:		6
HIST 3179 (960:179) Cooperative Education		

HIST 4030/5030 (960:132g)	Internship in Historical Studies	
Total Hours		15

Interdisciplinary Majors, Minors and Program Certificates

The university offers a variety of interdisciplinary curricula to meet the growing need and interest in work beyond collegiate division. The following undergraduate and graduate programs and program certificates are under the supervision and jurisdiction of several committees, departments, or colleges as indicated. The programs include:

Undergraduate Major (B.A.S.)

- Tactical Emergency Services with Vulnerable Populations (also listed in Department of Sociology, Anthropology, and Criminology)

Undergraduate Majors (B.A.)/Minors

- General Studies Major
- Gerontology Major (also listed in School of Applied Human Sciences)
- Gerontology Minor (also listed in School of Applied Human Sciences)
- Global Studies Major
- Humanities Major
- Individual Studies Major
- Liberal Studies, Bachelor of
- International Business Minor
- International Business Minor (Non-Business Majors)
- Russian and East European Studies Minor
- Studies in Sexuality, Women and Gender Minor

Graduate Majors (M.A.)

- Philanthropy and Nonprofit Development
- Women's and Gender Studies

Program Certificates

- International Business, Culture, and Language
- Leadership Foundations
- Conflict Resolution Certificate
- Sustainability
- Graduate Certificate in Women's and Gender Studies

Bachelor of Arts Degree and Minor Programs

General Studies Major

The General Studies major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the

following specified major requirements, plus electives to complete the minimum of 120 hours.

This is a diversified liberal arts major supervised by the Coordinator of the Individual Studies Program.

Required

a minimum of 15 semester hours of 100-level courses from each of three of the four colleges for a minimum total hours ^	45
Total Hours	45

^ See course descriptions for 4-digit numbers associated with 100-level courses.

A **General Studies** major enables students to take a wide variety of courses from many different departments. This can lead to a well-rounded liberal arts education. The major is not directed toward any particular vocation or certification. The emphasis of this major is on distribution rather than concentration. Each General Studies major is encouraged to develop a program of study according to her/his own needs, interests, and career goals. The selection of courses is largely left to the student. Students may *not* declare a second major and be registered for the General Studies major.

*The four colleges are:

1. College of Business Administration;
2. College of Education;
3. College of Humanities, Arts and Sciences; and
4. College of Social and Behavioral Sciences.

See General Information section for a list of the departments under each college.

(See *General Studies* program for registered nurses.)

Gerontology Major

The Gerontology major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours. Liberal Arts Core courses included in major program requirements are distinguished by *italics*.

It is suggested students take *PSYCH 1001 (400:001)* , *SW 1041 (450:041)* , and *SOC 1000 (980:001)* as their Social Sciences area Liberal Arts Core, as these are prerequisites for several of the required courses in this major.

This interdisciplinary program is offered jointly by the College of Social and Behavioral Sciences, the College of Business, the College of Education, and the College of Humanities, Arts and Sciences. It is administered through the School of Applied Human Sciences and under the supervision of the Gerontology Advisory Committee.

Social Sciences Track

Required

Gerontology core	9
School of Applied Human Sciences	
FAM SERV 3150/5150 (31F:150g) Families and Aging	

Psychology: [*]

PSYCH 3204/5204 (400:173g)	Psychology of Aging

Sociology: [*]

SOC 3035/5035 (980:125g)	Social Gerontology

Research Methods	3-4

Choose one of the following research methods courses:

School of Applied Human Sciences:

FAM SERV 1030 (31F:030)	Research Methods in Family Science

Leisure, Youth and Human Services:

LYHS 4070/5070 (430:169g)	Research and Evaluation in Leisure, Youth and Human Services

Psychology:

PSYCH 3002 (400:101)	Research Methods

Sociology:

SOC 2010 (980:108)	Research Methods

Families and Aging:	3

Choose one of the following Families and Aging courses:

School of Applied Human Sciences:

FAM SERV 2077 (31F:077)	Management of Family Resources
FAM SERV 4153/5153 (31F:153g)	Family Relationships in Crisis
FAM SERV 3162/5162 (31F:162g)	Issues in Family Policy
GERO 3161/5161	Families, Alzheimer's and Related Dementias
or FAM SERV 3161/5161	Families, Alzheimer's and Related Dementias

Development courses:	3

Choose one of the following Development courses:

School of Applied Human Sciences:

FAM SERV 1055 (31F:055)	Human Growth and Development

Psychology:

PSYCH 2202 (400:120)	Developmental Psychology

Ethics courses:	3

Choose one of the following Ethics courses:

GERO 2111	Families and End of Life Issues
or FAM SERV 2111	Families and End of Life Issues

World Religions/Philosophy:

RELS/PHIL 3510/ CAP 3173 (CAP:173)	Bio-Medical Ethics
PHIL 2500	Ethics
RELS/PHIL 3110/ CAP 3194 (CAP:194)	Perspectives on Death and Dying

Communication Studies

COMM 4236 (48C:128)	Ethics in Communication

Gerontology elective courses:	9

Choose three of the following Gerontology courses:

Social Work:

SW 4173/5173 (450:173g)	Social Services for Older Adults

Anthropology:

ANTH 3102/5102 (990:168g)	Culture, Disease, and Healing
ANTH 3202/5202 (990:152g)	Human Biological Variation

World Religions/Philosophy:

RELS/PHIL 3110/ CAP 3194 (CAP:194)	Perspectives on Death and Dying

Health Promotion and Education:

HPE 4353/5353 (410:153g)	Public Health Theory

Communication Sciences and Disorders:

CSD 1000 (51C:006)	Understanding Communication Disorders

School of Applied Human Sciences:

INTDSGN 3129 (31I:129)	Interior Design Standards

Communication Studies:

COMM 4116/5116 (48C:138g)	Health Communication

Gerontology:

GERO 3161/5161	Families, Alzheimer's and Related Dementias
or FAM SERV 3161/5161	Families, Alzheimer's and Related Dementias

Internship	4

Senior Seminar, Gerontology:

GERO 4193 (31G:193)	Internship Seminar (1 hr.)
GERO 4195 (31G:195)	Internship in Gerontology (Social Sciences track section - 3 hrs.)

Total Hours	34-35

[*]	Courses may be used to meet requirements in either Gerontology Core or Curriculum Cluster, but not both.
[**]	Due to prerequisites, the total number of credit hours required to complete this major may be 40-41.

Long Term Care Track

Required

Business courses	12

Select at least one of the following from business group 1:

Accounting:

ACCT 2120 (120:030)	Principles of Financial Accounting
ACCT 2130 (120:031)	Principles of Managerial Accounting

Select at least one of the following from business group 2

Management:

MGMT 3100 (150:100)	Legal and Social Environment of Business	
MGMT 3101 (150:101)	Business Law	
MGMT 3905/5905 (150:105g)	Employment and Labor Law	
MGMT 3153 (150:153)	Organizational Management	
MGMT 3966/5966 (150:166g)	Staffing and Employee Development	
Gerontology core		9
Select three of the following from Gerontology core		
School of Applied Human Sciences:		
FAM SERV 3150/5150 (31F:150g)	Families and Aging	
GERO 3161/5161	Families, Alzheimer's and Related Dementias	
or FAM SERV 3161/5161	Families, Alzheimer's and Related Dementias	
Psychology:		
PSYCH 3204/5204 (400:173g)	Psychology of Aging	
Sociology:		
SOC 3035/5035 (980:125g)	Social Gerontology	
Required Health Care Administration		5
School of Applied Human Sciences:		
GERO 4170/5170 (31G:170g)	Long Term Care Administration	
Health Promotion and Education:		
HPE 2160 (410:060)	Medical Terminology	
Health Care Administration electives (minimum 7 hours):		7
GERO 2111	Families and End of Life Issues	
or FAM SERV 2111	Families and End of Life Issues	
Social Work:		
SW 4173/5173 (450:173g)	Social Services for Older Adults	
Health Promotion and Education:		
HPE 1101 (410:005)	Introduction to Community Health	
HPE 4164 (410:164g)	Health Care and the Consumer	
HPE 4353/5353 (410:153g)	Public Health Theory	
Communication Studies:		
COMM 4116/5116 (48C:138g)	Health Communication	
Internship [^^]		10-12
Students complete the seminar and internship:		
Senior Seminar School of Applied Human Sciences:		
GERO 4193 (31G:193)	Internship Seminar	
Internship School of Applied Human Sciences:		

GERO 4195 (31G:195)	Internship in Gerontology (Long Term Care track section)	
Total hours 43-45		

[^^]   Students choosing to take the State of Iowa licensing exam may need to complete up to 10 credit hours of internship, for a total of 43 hours for the Long Term Care track.

Note: NHA Iowa requirements - 12 hours health care administration, 6 hours gerontology, 10 hours business plus internship.

Gerontology Minor

Gerontology core: select two of the following:		6
School of Applied Human Sciences:		
FAM SERV 3150/5150 (31F:150g)	Families and Aging [*]	
Psychology:		
PSYCH 3204/5204 (400:173g)	Psychology of Aging [*]	
Health Promotion and Education:		
HPE 4125/5125 (410:125g)	Aging and Health	
Sociology:		
SOC 3035/5035 (980:125g)	Social Gerontology [*]	
Families and Aging core: (select one of the following)		3
FAM SERV 2077 (31F:077)	Management of Family Resources [*]	
FAM SERV 3162/5162 (31F:162g)	Issues in Family Policy [*]	
FAM SERV 4153/5153 (31F:153g)	Family Relationships in Crisis [*]	
GERO 3161/5161	Families, Alzheimer's and Related Dementias	
or FAM SERV 3161/5161	Families, Alzheimer's and Related Dementias	
Development core: (select one of the following)		3
School of Applied Human Sciences:		
FAM SERV 1055 (31F:055)	Human Growth and Development [*]	
Psychology:		
PSYCH 2202 (400:120)	Developmental Psychology [*]	
Electives in Gerontology: select two of the following:		6
Communication Sciences and Disorders:		
CSD 1000 (51C:006)	Understanding Communication Disorders	
Communication Studies:		
COMM 4116/5116 (48C:138g)	Health Communication	
Health Promotion and Education:		
GERO 2111	Families and End of Life Issues	
or FAM SERV 2111	Families and End of Life Issues	

HPE 4353/5353 (410:153g)	Public Health Theory [*]
School of Applied Human Sciences:	
INTDSGN 3129 (31I:129)	Interior Design Standards
Social Work:	
SW 4173/5173 (450:173g)	Social Services for Older Adults [*]
Anthropology:	
ANTH 3102/5102 (990:168g)	Culture, Disease, and Healing
ANTH 3202/5202 (990:152g)	Human Biological Variation
World Religions/Philosophy:	
RELS/PHIL 3510/ CAP 3173 (CAP:173)	Bio-Medical Ethics [*]
RELS/PHIL 3110/ CAP 3194 (CAP:194)	Perspectives on Death and Dying [*]
Total Hours	18

[*]   These courses have additional prerequisites as follows:
FAM SERV 3150/5150 (31F:150g) has prerequisites of
FAM SERV 1020 (31F:020); *EDPSYCH 2030 (200:030)*
or FAM SERV 1055 (31F:055) or PSYCH 2202 (400:120);
junior standing.
PSYCH 2202 (400:120) has prerequisite of *PSYCH 1001
(400:001)*. *PSYCH 1001 (400:001)* may be used to satisfy
Category 5B of the Liberal Arts Core.
HPE 4125/5125 (410:125g), RELS 3510
(640:173)/PHIL 3510 (650:173)/CAP 3173 (CAP:173),
RELS 3110 (640:194)/PHIL 3110 (650:194)/CAP 3194
(CAP:194) have a prerequisite of junior standing.
PSYCH 3204/5204 (400:173g) has prerequisites of
PSYCH 1001 (400:001); junior standing. PSYCH 1001
(400:001) may be used to satisfy Category 5B of the
Liberal Arts Core.
SOC 3035/5035 (980:125g) has prerequisite of *SOC 1000
(980:001)*. *SOC 1000 (980:001)* may be used to satisfy
Category 5A of the Liberal Arts Core.
FAM SERV 2077 (31F:077) has prerequisite of sophomore
standing.
FAM SERV 4153/5153 (31F:153g) has prerequisite
of FAM SERV 1020 (31F:020); 3 hours social science
research methods; junior standing.
FAM SERV 3162/5162 (31F:162g) has prerequisite of
FAM SERV 1020 (31F:020); junior standing.
COMM 4116/5116 (48C:138g) and HPE 4353/5353
(410:153g) have prerequisite of junior standing.
SW 4173/5173 (450:173g) has prerequisite of SW 1041
(450:041). *SW 1041 (450:041)* may be used to satisfy
Category 5C of the Liberal Arts Core.
ANTH 3202/5202 (990:152g) has prerequisite of
ANTH 1001 (990:010) and junior standing. ANTH 1001
(990:010) may be used to satisfy Category 4A of the
Liberal Arts Core.
ANTH 3102/5102 (990:168g) has prerequisite of
ANTH 1002 (990:011) or SOC 1000 (980:001) and junior
standing.

Global Studies Major

The Global Studies major requires a minimum of 120 total hours
to graduate. This total includes Liberal Arts Core requirements, the
following specified major requirements, plus electives outside the
major.

**The major requirements themselves total a minimum of 33 hours
(core courses 6 hours, thematic area 12 hours, geographic area
15 hours). Any prerequisites for courses in the thematic and
geographic areas of study, as well as any additional required
language study will raise the number of major credit hours past
33. Students with no foreign language preparation at the high
school or college level may expect to complete up to an additional
20 hours in foreign language study. For many students the foreign
language hours will be considerably less.** Because of the diversity of
study possibilities in the Global Studies major, as well as the diversity
of academic preparation students will bring to the major, a maximum
range of credit hours to complete the major cannot be provided. See
the course listings for the thematic and geographic areas of study
(program components II-III), as well as the specific requirements for
language proficiency (program component IV) below. Finally, note the
two highly recommended components (V-VI) of the Global Studies
major--study abroad and the Certificate in Non-Profit Management--as
important additional preparation for professional employment.

This is an interdisciplinary program that draws upon courses from
all four UNI undergraduate colleges, and is housed in the College of
Social and Behavioral Sciences.

Course selection and prerequisites: **The Global Studies major
does not limit the double-counting of credit hours from the
Liberal Arts Core or any other academic program. However, no
double counting of credit hours is allowed between the different
thematic and geographic areas, and between the required
and elective components within any thematic and geographic
area of the Global Studies major.** Students may petition to have
relevant experimental or readings courses or seminars count toward
their major requirements. Per university regulations for all majors,
at least 10 hours of course work must be in courses numbered
100-199/3xxx/4xxx (see course descriptions for 4-digit numbers
associated with 100-level/3xxx/4xxx courses). Courses which have
prerequisites will be indicated within each thematic/geographic area.
See the University Catalog for course descriptions and prerequisites.

Grades, transcripts, and transfer credit: A minimum grade of
C is required for all courses applied toward the major. Course
HPE 4161/5161 (410:161g) is a credit/no credit course, and the
minimum grade of C- to receive credit will be allowed for this course.
Transcripts will contain the student's geographic and thematic areas of
concentration.

PROGRAM COMPONENTS (I-VI)
I. CORE COURSES (6 hours)

**Courses chosen here may not be used to satisfy thematic or
geographic area requirements.**

Required	3
Select one of the following:	
Anthropology:	
ANTH 1002 (990:011) Culture, Nature, and Society	
Geography:	

GEOG 1120 (970:010)	Human Geography	
or GEOG 1110 (970:040)	World Geography	
Required		3
Select one of the following:		
Political Science:		
POL INTL 1024 (943:024)	International Relations	
or POL COMP 1040 (944:040)	Comparative Politics	
Total Hours		6

II. THEMATIC AREA (12 hours)

Choose in consultation with a Global Studies faculty advisor.

See below for course list and specific requirements for each area.

Students must focus on one area; however, they may choose to add an additional area(s) to their program, which will be reflected on their transcripts. Within each area, no more than 6 hours may be taken in any one department (the Department of Sociology/Anthropology/Criminology counts as three departments).

THEMATIC AREAS:

- Peace, Conflict, and Human Rights
- International Economics and Development
- Global Resources and Environment
- International Communication and Media
- Global Studies in Gender
- Global Health

Peace, Conflict, and Human Rights

Required		3
Select one of the following:		
Political Science:		
POL INTL 3120 (943:120)	International Security	
or POL INTL 3126 (943:126)	Human Rights	
Electives		9
Select three from the following:		
Social Work:		
SW 3102/SOC 3090 (980:102)/ANTH 3470 (990:102)	Conflict Resolution	
Political Science:		
POL INTL 3120 (943:120)	International Security	
POL INTL 3126 (943:126)	Human Rights	
POL INTL 3143 (943:143)	International Law	
POL INTL 3145 (943:145)	International Organizations	
POL INTL 4125/5125 (943:125g)	North-South Relations	

POL COMP 3121 (944:121)	Terrorism and Insurgency	
POL COMP 3123 (944:123)	Nationalism	
POL COMP 3125 (944:125)	Politics of Nonviolence	
History:		
HISEUB 4675/5675 (963:157g)	Great Power Diplomacy from the Congress of Vienna to the Present	
Total Hours		12

International Economics and Development

Required		3
Select one of the following:		
Economics:		
ECON 3245/5245 (920:136g)	International Economics [*]	
Political Science:		
POL INTL 4119/5119 (943:119g)	Politics of the Global Economy [*]	
POL INTL 4125/5125 (943:125g)	North-South Relations	
Electives		9
Select three from the following:		
Social Science:		
SOC SCI/SW 1041	Social Welfare: A World View	
Economics:		
ECON 3245/5245 (920:136g)	International Economics	
ECON 3249/5249 (920:143g)	Economic Development	
ECON 3261/5261 (920:175g)	International Financial Economics [*]	
Political Science:		
POL INTL 4119/5119 (943:119g)	Politics of the Global Economy	
POL INTL 4125/5125 (943:125g)	North-South Relations	
Geography:		
GEOG 3110 (970:101)	Economic Geography	
GEOG 4110/5110 (970:111g)	Cultural Geography	
GEOG 4120/5120 (970:119g)	Demography and Population Geography	
Sociology:		
SOC 3045/5045 (980:135g)	Social Inequality [*]	
SOC 3080/5080 (980:120g)	Immigration and Transnationalism [*]	
Anthropology:		
ANTH 3104/5104 (990:167g)	Gender in Cross-Cultural Perspective	
Total Hours		12

*   **These courses listed above have additional prerequisites as follows:**

ECON 3245/5245 (920:136g) and ECON 3261/5261 (920:175g) have prerequisites of ECON 1041 (920:053) and ECON 1051 (920:054).

POL INTL 4119/5119 (943:119g) has prerequisite of POL INTL 1024 (943:024), which is a choice in the program core.

SOC 3080/5080 (980:120g) and SOC 3045/5045 (980:135g) have prerequisite of *SOC 1000 (980:001)*, which will satisfy LAC Category 5A.

ANTH 3104/5104 (990:167g) has prerequisite of *PSYCH 1001 (400:001)* or *SOC 1000 (980:001)* or *ANTH 1002 (990:011)*. Course *PSYCH 1001 (400:001)* can satisfy LAC Category 5B, and *SOC 1000 (980:001)* or *ANTH 1002 (990:011)* can satisfy LAC Category 5A.

Global Resources and Environment

Required	6
Select two from the following:	
Philosophy:	
PHIL/RELS 2550	Environmental Ethics
Biology:	
BIOL 4167/5167 (840:167g)	Conservation Biology [*]
Geography:	
GEOG 3220 (970:100)	Environmental Geography
Electives	**6**
Select two from the following:	
Philosophy:	
PHIL/RELS 2550	Environmental Ethics
Environmental Science:	
ENV SCI 4665/5665 (830:165g)	Environmental Health Science
Biology:	
BIOL 2051 (840:051)	General Biology: Organismal Diversity
BIOL 4167/5167 (840:167g)	Conservation Biology [*]
BIOL 4168/5168 (840:168g)	Ecology [*]
Earth Science:	
EARTHSCI 1300 (870:031)	Introduction to Geology
EARTHSCI 1320 (870:035)	Earth History [*]
Economics:	
ECON 3225/5225 (920:123g)	Environmental Economics [*]
Geography:	
GEOG 1210 (970:026)	Physical Geography
GEOG 2210 (970:028)	Recent Climate Change
GEOG 3110 (970:101)	Economic Geography
GEOG 3220 (970:100)	Environmental Geography
GEOG 4120/5120 (970:119g)	Demography and Population Geography

GEOG 4210/5210 (970:127g)	Climatology
GEOG 4230/5230 (970:129g)	Rivers
Total Hours	12

*   **These courses listed above have additional prerequisites as follows:**

BIOL 4167/5167 (840:167g) and BIOL 4168/5168 (840:168g) have prerequisites of BIOL 3100 (840:100) and BIOL 3140 (840:140). Courses BIOL 3100 (840:100) and BIOL 3140 (840:140) also have prerequisites of: BIOL 2051 (840:051); *BIOL 2052 (840:052)*; *CHEM 1110 (860:044)* and CHEM 1120 (860:048), or *CHEM 1130 (860:070)*.

EARTHSCI 1320 (870:035) has prerequisite of *EARTHSCI 1300 (870:031)*, which will satisfy LAC Category 5B.

ECON 3225/5225 (920:123g) has prerequisites of ECON 1041 (920:053) and ECON 1051 (920:054).

GEOG 3220 (970:100) has prerequisite of GEOG 1120 (970:010) or *GEOG 1210 (970:026)* or GEOG 2210 (970:028) or GEOG 1110 (970:040).

International Communication and Media

Required	6
Select two from the following:	
Communication Studies:	
COMM 4344/5344 (48C:151g)	Intercultural Communication
Anthropology:	
ANTH 3001 (990:177)	Language and Culture
or SOC 3001 (980:177)	Language and Culture
Communication Studies:	
COMM DM 4754/5754	Global Mass Communication Systems
or COMM PR 4822/5822 (48P:170g)	Global Public Relations
Electives	**6**
Select two from the following:	
Communication Studies:	
COMM 4344/5344 (48C:151g)	Intercultural Communication
COMM 4346/5346 (48C:153g)	Gender Issues in Communication
COMM DM 4754/5754	Global Mass Communication Systems
COMM PR 4822/5822 (48P:170g)	Global Public Relations
Sociology:	
SOC 3060/5060 (980:138g)	Sociology of Culture [*]
Anthropology:	
ANTH 3001 (990:177)	Language and Culture [*]
Total Hours	12

*	**These courses listed above have additional prerequisites as follows:**
	COMM DM 4754/5754 has prerequisite of COMM COR 1010 (48J:002).
	SOC 3060/5060 (980:138g) has prerequisite of *SOC 1000 (980:001)* or *ANTH 1002 (990:011)*, either of which will satisfy LAC Category 5A.
	ANTH 3001 (990:177) has prerequisite of *PSYCH 1001 (400:001)* or *SOC 1000 (980:001)* or *ANTH 1002 (990:011)*. Course *PSYCH 1001 (400:001)* can satisfy LAC Category 5B, and *SOC 1000 (980:001)* or *ANTH 1002 (990:011)* can satisfy LAC Category 5A.

Global Studies in Gender

Required		3
Select one of the following:		
Humanities:		
WGS 1040 (680:040)	Women's and Gender Studies: Introduction	
Anthropology:		
ANTH 3104/ PSYCH 4608/5608 (400:167g)/ SOC 3411/5411 (980:167g)	Gender in Cross-Cultural Perspective	
Electives		9
Select three from the following:		
Health Promotion:		
HPE 4161/5161 (410:161g)	Global Service Mission [**]	
HPE 4162/5162 (410:162g)	Introduction to Women's Health	
HPE 4167/5167 (410:167g)	Cultural Competency for the Helping Professions	
HPE 4247/5247 (410:147g)	Minority Health	
HPE 4438/5438 (410:138g)	International Health	
Communication Studies:		
COMM 4344/5344 (48C:151g)	Intercultural Communication	
COMM 4346/5346 (48C:153g)	Gender Issues in Communication	
World Religions:		
RELS 1020 (640:024)	Religions of the World (Family Life Emphasis only)	
Humanities:		
WGS 1040 (680:040)	Women's and Gender Studies: Introduction	
WGS 6289 (680:289)	Graduate Seminar in Women's and Gender Studies: Comparative Feminist Theories	
Political Science:		
POL INTL 3126 (943:126)	Human Rights	

History:		
HISEUB 4690/5690 (963:161g)	Modern European Women's History	
Sociology:		
SOC 3080/5080 (980:120g)	Immigration and Transnationalism [*]	
SOC 4071/5071 (980:171g)	Feminist Theories in the Social Sciences [*]	
Anthropology:		
ANTH 3104/ PSYCH 4608/5608 (400:167g)/ SOC 3411/5411 (980:167g)	Gender in Cross-Cultural Perspective	
Total Hours		12

*	**These courses listed above have additional prerequisites as follows:**
	SOC 3080/5080 (980:120g) has prerequisite of *SOC 1000 (980:001)* or *ANTH 1002 (990:011)*, either of which can satisfy LAC Category 5A.
	SOC 4071/5071 (980:171g) has prerequisite of *SOC SCI 1020 (900:020)* or *SOC 1000 (980:001)* or *ANTH 1002 (990:011)*. Course *SOC SCI 1020 (900:020)* can satisfy LAC Category 5C, and course *SOC 1000 (980:001)* or *ANTH 1002 (990:011)* can satisfy LAC Category 5A.
	ANTH 3104/5104 (990:167g) has prerequisite of *PSYCH 1001 (400:001)* or *SOC 1000 (980:001)* or *ANTH 1002 (990:011)*. Course *PSYCH 1001 (400:001)* can satisfy LAC Category 5B, and *SOC 1000 (980:001)* or *ANTH 1002 (990:011)* can satisfy LAC Category 5A.
**	Courses HPE 4161/5161 (410:161g) may be taken credit/no credit only. This course will only be applied to the major if a grade of "credit" is achieved.

Global Health

Required		5
Health Promotion:		
HPE 4438/5438 (410:138g)	International Health	
Sociology:		
SOC/ANTH 3102	Culture, Disease, and Healing [*]	
Electives		7
Health Promotion:		
HPE 4161/5161 (410:161g)	Global Service Mission [*,**]	
HPE 4167/5167 (410:167g)	Cultural Competency for the Helping Professions	
HPE 4247/5247 (410:147g)	Minority Health	
Social Work:		
SW/SOC SCI 1041	Social Welfare: A World View	
Environmental Science:		

ENV SCI/HPE 4665	Environmental Health Science	

Total Hours		12

*   **These courses listed above have additional prerequisites as follows:**
HPE 4161/5161 (410:161g) has prerequisite of HPE 4167/5167 (410:167g).
SOC 3102/5102 (980:168g) has prerequisite of *SOC 1000 (980:001)* or *ANTH 1002 (990:011)*. Course *SOC 1000 (980:001)* or *ANTH 1002 (990:011)* can satisfy LAC Category 5A.

**   Courses HPE 4161/5161 (410:161g) may be taken credit/no credit only. This course will only be applied to the major if a grade of <u>credit</u> is achieved.

III. GEOGRAPHIC AREA (15 hours)

Choose in consultation with a Global Studies faculty advisor.

See below for course list and specific requirements for each area.

Students must focus on one area; however, they may choose to add an additional area(s) to their program which will be reflected on their transcripts. Unless otherwise noted, within each area no more than 9 hours may be taken in any one department.

GEOGRAPHIC AREAS:

- Africa/Middle East
- Asia
- Latin America
- Russia/Eastern Europe
- Western Europe

Africa/Middle East

Required		6
Humanities:		
HUM 3127 (680:127)	Middle East	
HUM 3128 (680:128)	Africa	

Electives		9
Select three from the following:		
World Religions:		
RELS 2120	Great Living Religions: Judaism and Islam	
Political Science:		
POL COMP 3121 (944:121)	Terrorism and Insurgency	
POL COMP 3165 (944:165)	African Politics	
History:		
HISEUA 4480/5480 (962:151g)	The Ancient Near East	
HISNW 4740/5740 (964:175g)	Modern African History	
Geography:		

GEOG 4150/5150 (970:141g)	Regional Geography: (Variable Topic)	

Total Hours		15

Asia

Students are strongly encouraged to concentrate on one, but no more than two, major countries of the region--China, India, Japan--unless they go beyond the 15 credit hour requirement for the region.

Required		3-6
At least 3 hours, but no more than 6, from:		
Humanities:		
HUM 3122 (680:122)	Japan	
HUM 3124 (680:124)	China	
HUM 3125 (680:125)	India	

Electives (see restrictions) *		9-12
Select three to four of the following:		
World Religions:		
RELS 2100	Great Living Religions: Hinduism and Buddhism	
RELS 2110	Great Living Religions: Confucianism, Daoism, and Zen	
Humanities:		
HUM 3122 (680:122)	Japan	
HUM 3124 (680:124)	China	
HUM 3125 (680:125)	India	
Political Science:		
POL COMP 3162 (944:162)	Politics of East Asia	
History:		
HISNW 4830/5830 (964:181g)	Pre-Modern South Asia	
HISNW 4840/5840 (964:182g)	Modern South Asia	
HISNW 4850/5850 (964:183g)	Pre-Modern Chinese History	
HISNW 4860/5860 (964:187g)	Modern Chinese History	
HISNW 4870/5870 (964:127g)	Pre-Modern Japan	
HISNW 4880/5880 (964:128g)	Modern Japan	

Total hours 15

*   **Restrictions on Asia area courses:**
1. For courses HUM xxxx (680:xxx), no more than 3 hours if only 3 hours is completed in the "Required" field;
2. For courses HISNW xxxx (964:xxx), no more than 6 hours on the pre-modern period (to approx. 1700).

Latin America

Required		3
Political Science:		
POL COMP 3167 (944:167)	Latin American Politics	

Required (see restriction) **		3
Select one of the following:		
Humanities:		
HUM 3123 (680:123)	Latin America **	
HUM 3137 (680:137)	Native Central and South America	
Languages and Literatures:		
SPAN 3020 (780:120)	Latin American Culture and Civilization **	

Electives (see restriction) **		9
Select three from the following:		
Humanities:		
HUM 3123 (680:123)	Latin America **	
HUM 3137 (680:137)	Native Central and South America	
Languages and Literatures (Spanish):		
SPAN 3012 (780:112)	Survey of Spanish American Literature *	
SPAN 3020 (780:120)	Latin American Culture and Civilization *,***	
SPAN 3031 (780:131)	Topics in Spanish American Literature and Culture: *	
SPAN 4062/5062 (780:162g)	Spanish American Literature: _____ *	
History:		
HISNW 4720/5720 (964:180g)	Modern Latin American History	
Anthropology:		
ANTH 3302 (990:142)	Archaeology of the New World *	
Total Hours		**15**

* **These courses listed above have additional prerequisites as follows:**
SPAN 3012 (780:112) has prerequisite of SPAN 3004 (780:104) or equivalent.
SPAN 3020 (780:120) has prerequisite of SPAN 3001 (780:101) or SPAN 3006 or SPAN 3050/5050 (780:150g) or equivalent.
SPAN 3031 (780:131) has prerequisite of SPAN 3012 (780:112).
SPAN 4062/5062 (780:162g) has prerequisite of SPAN 3018 (780:118).
ANTH 3302 (990:142) has prerequisite of ANTH 1001 (990:010).

** **Restriction on Latin America area courses:**
Only one of *HUM 3123 (680:123)* and SPAN 3020 (780:120) will count toward program credit.

Russia/Eastern Europe

Required (no electives in this area of study)		15
Humanities:		
HUM 3121 (680:121)	Russia/Soviet Union	
History:		
HISEUB 4650/5650 (963:188g)	Modern Central and Eastern Europe	
HISEUB 4660/5660 (963:169g)	History of Imperial Russia	
HISEUB 4670/5670 (963:170g)	History of Soviet Russia	
Political Science:		
POL COMP 3164 (944:164)	Russian and Eurasian Politics	
Total Hours		**15**

Western Europe

Because of the broad offerings in this area, students are strongly encouraged to plan an integrated program of study with their advisor.

Required		6
Humanities:		
HUM 1023 (680:023)	Humanities III: The Age of Revolution to the Present (required)	
Political Science:		
POL COMP 3135 (944:135)	Politics in Europe	

Electives (see restrictions) **		9
Select three from the following:		
Languages and Literatures (French):		
FREN 3004 (720:104)	Introduction to French Literature *	
FREN 4014/5014 (720:114g)	The World of French Business *	
FREN 4022/5022 (720:122g)	Special Topics in French Literature *	
Languages and Literatures (Spanish):		
SPAN 3018 (780:118)	Survey of Spanish Literature *	
SPAN 3023 (780:123)	Culture and Civilization of Spain *	
SPAN 3035 (780:135)	Topics in Literature and Culture of Spain: *	
SPAN 4063/5063 (780:163g)	Peninsular Literature: _____ *	
History:		
HISEUA 4310/5310 (962:101g)	History of Ancient Greece	
HISEUA 4320/5320 (962:103g)	History of Ancient Rome	
HISEUA 4330/5330 (962:123g)	History of Classical Civilization	
HISEUA 4340/5340 (962:152g)	Medieval Civilization	
HISEUA 4350/5350 (962:153g)	The Renaissance and Reformation	
HISEUA 4360/5360 (962:158g)	Age of Absolutism and the Enlightenment	
HISEUA 4420/5420 (962:126g)	History of Ireland	
HISEUA 4440/5440 (962:164g)	English History to 1688	

HISEUA 4460/5460 (962:171g)	History of Germany to 1648	
HISEUB 4510/5510 (963:155g)	Europe from the French Revolution to World War I	
HISEUB 4520/5520 (963:160g)	Europe from World War I to the Present	
HISEUB 4610/5610 (963:165g)	English History since 1688	
HISEUB 4630/5630 (963:172g)	History of Germany Since 1648	
HISEUB 4620/5620 (963:174g)	History of Modern France	
HISEUB 4675/5675 (963:157g)	Great Power Diplomacy from the Congress of Vienna to the Present	
HISEUB 4680/5680 (963:154g)	Military History from Napoleon to the Present	
HISEUB 4690/5690 (963:161g)	Modern European Women's History	
Sociology:		
SOC 3080/5080 (980:120g)	Immigration and Transnationalism [*]	
Total Hours		15

[*]   **These courses listed above have additional prerequisites as follows:**
FREN 3004 (720:104) and FREN 4014/5014 (720:114g) have prerequisite of FREN 3001/5001 (720:101g).
FREN 4022/5022 (720:122g) has prerequisites of FREN 3001/5001 (720:101g) and FREN 3004 (720:104).
SPAN 3018 (780:118) has prerequisite of SPAN 3004 (780:104) .
SPAN 3023 (780:123) has prerequisite of SPAN 3001 (780:101) or SPAN 3006 or SPAN 3050/5050 (780:150g) or equivalent.
SPAN 3035 (780:135) and SPAN 4063/5063 (780:163g) have prerequisite of SPAN 3012 (780:112) or SPAN 3018 (780:118).
SOC 3080/5080 (980:120g) has prerequisite of *SOC 1000 (980:001)*. Course *SOC 1000 (980:001)* will satisfy LAC Category 5A.

[**]   Restrictions on Western Europe courses:
1. No more than 3 hours in courses covering the pre-1700 period;
2. No more than 6 hours in courses numbering FREN xxxx (720:xxx) and SPAN xxxx (780:xxx) or their combination.

IV. FOREIGN LANGUAGE

Students must be able to demonstrate competence in a foreign language at the intermediate (second year) level; however, foreign language study past the two year requirement is strongly recommended. Language proficiency may be achieved through high school and college study (two years of high school study equals one year of college-level study), transfer credit, study abroad, native or heritage knowledge, or a combination of the above. Students seeking to use four years of high school foreign language study to satisfy the language requirement will be required to complete a proficiency exam. Heritage speakers seeking to use their home/family language to satisfy the language requirement may be required to complete a proficiency exam.

The language chosen to satisfy the foreign language requirement should be used extensively in the student's geographic area of focus. However, a foreign language not typically associated with the geographic area of focus may be used to satisfy the foreign language requirement as well. Students are strongly encouraged to pursue area-specific language study through available foreign language courses on the UNI campus (French, Spanish, and Chinese, though Chinese currently is offered only at the third semester level), and through on-line courses, summer study, or study abroad. See a Global Studies advisor for guidance on completing the foreign language requirement.

V. STRONGLY RECOMMENDED: Study Abroad

Study abroad may be used to satisfy program requirements for language, or thematic or geographic area study. If possible, students should complete the core requirements for the Global Studies major prior to participating in a study abroad experience.

VI. STRONGLY RECOMMENDED: Certificate in Nonprofit Management

Some students completing the Global Studies major will eventually seek employment in the non-profit sector. This certificate provides knowledge, skill-building and professional experience for students interested in working for non-governmental organizations (NGOs) and international non-governmental organizations (INGOs). Earning this certificate at UNI also enables students to earn a national Certificate in Nonprofit Management from Nonprofit Leadership Alliance. See the University Catalog (School of Health, Physical Education, and Leisure Services) for certificate requirements.

Humanities Major

The Humanities major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

This is an interdisciplinary major offered by the College of Humanities, Arts and Sciences, and is under the jurisdiction of the dean of that college.

Required

Humanities:		
HUM 1021 (680:021)	Humanities I: The Ancient, Classical, and Medieval Worlds (required)	3
HUM 1022 (680:022)	Humanities II: The Renaissance, Reformation, and Enlightenment (required)	3
HUM 1023 (680:023)	Humanities III: The Age of Revolution to the Present (required)	3
HUM prefix 4000-level Junior-Senior Seminar		3
Interdisciplinary courses in, or including, the humanities [*]		9
Courses in history, from any department		6
Critical and analytical course		3
Participatory course in creative or performing arts		3

Electives in any of the above or other humanities areas	9
Total Hours	42

*   These courses may include seminars in the interpretation of texts, in philosophy of history, in aesthetics, in a theme or period, in a topic relating the humanities to the natural or social sciences, or other appropriate courses as available.

The student, with the consent of the Humanities Advisor, will outline a cohesive program of cross-disciplinary study around a chronological period, theme, culture, or other focus of the student's choice.

All reasonable variations on this program should be approved.

Individual Studies Major

The Individual Studies major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements (under the discretion of the Individual Studies Program Coordinator), plus electives to complete the minimum of 120 hours.

Required

A coherent, interdisciplinary area of study (minimum of 40 hours)	40
Undergraduate thesis	6
Total Hours	46

(Plus 29 hours of university electives or other major or minor credit.)

If it is found the university does not offer the major desired, it may be possible, through the Individual Studies Program, for a student to create her/his own program of study. The purpose of the Individual Studies major is twofold:

1. to enable a student to design an individualized major by selecting courses from several academic departments, and

2. to explore interdisciplinary areas of study before those areas are formally adopted as departmental or interdepartmental majors.

Students interested in this major should have at least one semester's experience in university study before applying. A student shall consult first with the Individual Studies Coordinator concerning the feasibility of designing an Individual Studies major in a particular area. If the university does not have faculty or curricular resources for the area requested, the student will be so advised. Also, if the student does not appear to be academically prepared, or if her/his plans are not sufficiently clear, specific steps to correct these problems will be recommended.

Once an advisor is appointed, the student and the advisor will develop a list of courses to comprise the proposed major, and an interdisciplinary faculty committee will be selected to take action on the specific program. In some cases, with the approval of the faculty advisor and the program coordinator, an extraordinary amount of independent study may be counted toward the major. In most cases, an undergraduate thesis will be required of this major.

Liberal Studies Degree, Bachelor of

The Bachelor of Liberal Studies (B.L.S.) program is offered by the three Iowa Regents' Universities: University of Northern Iowa, Iowa State University, and the University of Iowa. The purpose of the

B.L.S. is to offer educational opportunities to those students who are unable to attend college as full-time, on-campus students. Students often use guided independent study and other distance learning opportunities to earn credit. **This major may not be declared with any other major.**

See Undergraduate Degree Requirements section for further details regarding this degree.

International Business Minor

The interdepartmental minor in International Business is available to College of Business Administration students majoring in Accounting, Business Teaching, Economics - Business Economics emphasis, Finance, Management, Management Information Systems, Marketing, Real Estate, and Supply Chain Management. The International Business minor enhances the common body of knowledge gained through the business core by focusing on international trade and commerce issues/perspectives.

Required

World Affairs:		3
Select one of the following:		
Geography:		
GEOG 1110 (970:040)	World Geography	
Political Science:		
POL INTL 1024 (943:024)	International Relations	
International Business core:		12
Marketing:		
MKTG 3163 (130:161) or MKTG 3176/5176 (130:177g)	Distribution and Logistics Global Marketing	
Management:		
MGMT 3189 (150:189)	International Management	
Financial:		
FIN 3032/5032 (160:158g) or ECON 3261/5261 (920:175g)	International Financial Management International Financial Economics	
Economics:		
ECON 3245/5245 (920:136g) or ECON 3249/5249 (920:143g)	International Economics Economic Development	
International Experience:		0
BUSINESS 3169 (100:169)	International Experience [**]	
Electives		
Select one of the following:		2-3
Business, Interdepartmental:		
BUSINESS/CAP 3155	Socio-Economic Reality of Central America [*]	
Management:		
MGMT 3161 (150:161)	Supply Chain and Purchasing	
Political Science:		

POL INTL 4119/5119 (943:119g)	Politics of the Global Economy	
POL INTL 3143 (943:143)	International Law	
POL INTL 3145 (943:145)	International Organizations	
Sociology:		
SOC 3411/5411 (980:167g)	Gender in Cross-Cultural Perspective	
International Internship		
Or any additional course listed within the international business core above.		
Total Hours		17-18

*   This course fulfills the Liberal Arts Core Capstone requirement. Other global perspective Capstone courses may be approved, by student request, to fulfill the requirements of this elective.

**   This BUSINESS 3169 (100:169) course requires the successful completion of an approved study abroad experience, or a departmental internship or cooperative education experience that includes a significant international component. Department internships or cooperative education credits that meet the requirements of the international experience can, by student request, be used to fulfill the elective requirement.

International Business Minor (Non-Business Majors)

The interdepartmental minor in International Business (Non-Business Majors) is available to any non-business major. The purpose of this minor is to allow non-business majors to build a basic body of knowledge concerning business and business operations and expand this knowledge with respect to international business, trade, and commerce.

Required

World Affairs		3
Select one of the following:		
Geography:		
GEOG 1110 (970:040)	World Geography	
Political Science:		
POL INTL 1024 (943:024)	International Relations	
Business Core		15
Accounting:		
ACCT 2120 (120:030)	Principles of Financial Accounting	
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing	
Management:		
MGMT 3100 (150:100)	Legal and Social Environment of Business	
MGMT 3153 (150:153)	Organizational Management	
Economics:		
ECON 1031 (920:024)	Introduction to Economics	

International Business core		8-9
Management:		
MGMT 3189 (150:189)	International Management	
International electives:		
Select two from the following:		
Business, Interdepartmental:		
BUSINESS/CAP 3155	Socio-Economic Reality of Central America *	
Marketing:		
MKTG 3163 (130:161)	Distribution and Logistics	
MKTG 3176/5176 (130:177g)	Global Marketing	
International Internship		
International Experience		0
BUSINESS 3169 (100:169)	International Experience **	
Total Hours		26-27

*   This course fulfills the Liberal Arts Core Capstone requirement. Other global perspective Capstone courses may be approved, by student request, to fulfill the requirements of this elective.

**   This BUSINESS 3169 (100:169) course requires the successful completion of an approved study abroad experience, or a departmental internship or cooperative education experience that includes a significant international component. Department internships or cooperative education credits that meet the requirements of the international experience can, by student request, be used to fulfill the elective requirement.

NOT available to majors in: Accounting, Business Teaching, Economics-Business Economics Emphasis, Finance, Management, Management Information Systems, Marketing, Real Estate, and Supply Chain Management.

NOT available to General Business Concepts minors.

Russian and East European Studies Minor

This minor is offered by the College of Humanities, Arts and Sciences and the College of Social and Behavioral Sciences.

Required

Language *		12-20
History:		3
Select one of the following:		
HISEUB 4650/5650 (963:188g)	Modern Central and Eastern Europe	
HISEUB 4660/5660 (963:169g)	History of Imperial Russia	
HISEUB 4670/5670 (963:170g)	History of Soviet Russia	
Select two of the following:		6
Humanities/Languages (required):		
HUM 3121 (680:121)	Russia/Soviet Union	
Political Science:		

POL COMP 3123 (944:123)	Nationalism
or POL COMP 3164 (944:164)	Russian and Eurasian Politics

An additional literature or language class, with the approval of a REES advisor. A Russian/East European topics course or seminar, with the approval of a REES advisor [**],[***]

Total hours [***]	18-29

[*]   Four semesters. Must include fourth-semester course in Intermediate Russian Language and Culture II or equivalent Slavic/East European language satisfied through, for example, transfer credit.
Students may also satisfy the language requirement through native or heritage (home-based) knowledge of a Slavic/East European language. Students wishing to satisfy the language requirement in this manner may have to complete a language placement exam. Finally, students who do satisfy the language requirement through native/heritage knowledge will be required to complete 9 hours of course work in lieu of the 12-20 hours of language study. This will be arranged with the student's REES advisor.

[**]   Several UNI departments (e.g., History) occasionally offer topics courses or junior-senior seminars on Central and Eastern Europe, and Eurasia. Consult a REES advisor each semester on these offerings.

[***]   The low range of 18 credit hours will apply only to students satisfying the language requirement through native or heritage (home-based) knowledge of a Slavic/East European language. (See [*] note.) The low range for students satisfying the language requirement through normal class language study will be 21 credit hours.

Study Abroad: Students are strongly encouraged to study abroad for at least one summer, preferably one semester. Study abroad may be used to satisfy program requirements for language or non-language course work, with the approval of a REES (Russian and East European Studies) advisor.

Studies in Sexuality, Women and Gender Minor

Studies in Sexuality, Women and Gender Minor is an interdisciplinary and multicultural program that engages in research and exploration concerning all areas of women's and men's experiences. Its unique perspective strengthens the abilities of students within any major to critically analyze theory and research emphasizing the importance of gender while including other essential categories of analysis such as race, class, sexuality, ethnicity, and nationality. This program is offered under the jurisdiction and general supervision of the Deans of the Colleges of Social and Behavioral Sciences and Humanities, Arts, and Sciences. For more information, contact the Women's and Gender Studies office, Sabin 225, 319-273-7102, or *www.uni.edu/womenstudies*.

Required	6
Humanities:	
WGS 1040 (680:040)	Women's and Gender Studies: Introduction
Choose one of the following:	

WGS 2040	Introduction to LGBTQ Studies
FAM SERV 1057 (31F:057)	Human Relationships and Sexuality
Electives:	12
Anthropology:	
ANTH 3104/ PSYCH 4608/5608 (400:167g)/ SOC 3411/5411 (980:167g)	Gender in Cross-Cultural Perspective [*]
Communication Studies:	
COMM 4346/5346 (48C:153g)	Gender Issues in Communication
COMM 4446/5446 (48C:113g)	Social Protest: Performance and Rhetoric
Criminology:	
CRIM 4331/5331 (982:131g)	Women, Crime and Society [*]
Educational Psychology:	
EDPSYCH 4140/5140 (200:140g)	Social Psychology in Educational Contexts
Languages and Literature:	
ENGLISH 4120/5120 (620:128g)	Images of Women in Literature [*]
ENGLISH 4420/5420 (620:121g)	The American Renaissance [*]
ENGLISH 4425/5425 (620:123g)	American Realism and Naturalism to WWI [*]
Family Services:	
FAM SERV 1057 (31F:057)	Human Relationships and Sexuality
FAM SERV 3145/5145 (31F:145g)	Violence in Intimate Relationships
Health Promotion and Education:	
HPE 4162/5162 (410:162g)	Introduction to Women's Health
HPE 4328/5328 (410:128g)	Selected Topics in Women's Health
History:	
HISUS 4260/5260 (961:146g)	United States Women's History
HISEUB 4690/5690 (963:161g)	Modern European Women's History
Humanities:	
HUM 3160/5160 (680:160g)	Black Women in America: Challenge, Spirit, Survival
Philosophy:	
SOC/CAP 3151	Money, Sex and Power: Theories of Race, Class and Gender
Psychology:	
PSYCH 2201 (400:060)	Psychology of Gender [*]

PSYCH 4608/ ANTH 3104/5104 (990:167g)/ SOC 3411/5411 (980:167g)	Gender in Cross-Cultural Perspective *	
World Religions:		
RELS 1020 (640:024)	Religions of the World (Family Life emphasis only) **	
RELS 3150	Women and Christianity	
Social Sciences:		
SOC SCI 1020 (900:020)	Women, Men, and Society	
Sociology:		
SOC 2040 (980:156g)	Social Movements *	
SOC 3045/5045 (980:135g)	Social Inequality *	
SOC 3050/5050 (980:129g)	Men and Masculinities	
SOC 3411/ ANTH 3104/5104 (990:167g)/ PSYCH 4608/5608 (400:167g)	Gender in Cross-Cultural Perspective *	
SOC 4050 (980:101)	Sociology of Gender *	
SOC 4071/5071 (980:171g)	Feminist Theories in the Social Sciences *	
Textiles and Design:		
TEXDSGN 4015/5015 (31T:114g)	Dress and Human Behavior	
Women's and Gender Studies:		
WGS 2040	Introduction to LGBTQ Studies	
WGS 3195/5195 (900:195g)	Internship in Women's and Gender Studies *	
Total Hours		18

Notes:

No more than 9 hours from courses with the same prefix.

No more than 6 hours may be double-counted with the student's major.

A minimum of 9 hours from the 3000-level or above.

No more than one of the following may be counted for WGS credit: COMM 4446/5446 (48C:113g) or SOC 2040 (980:156g)

*	These courses have additional prerequisites.
**	Students must submit a student request form to receive WGS minor credit for this course.

Master of Arts Degree Programs

Major in Philanthropy and Nonprofit Development

The M.A. program in Philanthropy and Nonprofit Development is designed for individuals who have experience in the philanthropy and/or nonprofit areas. The degree will be offered through the Division of Continuing Education with extensive use of distance education technologies. The program is designed to offer professionals the opportunity to continue their study, advancing their knowledge while earning graduate credit in course work targeted toward the following objectives:

1. to develop and enhance professionals' skills and knowledge in the fundraising and nonprofit sectors;

2. to further students' understanding of ethical policy and legal issues as they relate to philanthropy and nonprofit development;

3. to advance students' knowledge of scholarly research, theories and models in the area of nonprofit organizational development, donor relations, grant writing, corporate/foundation relations, advocacy, public funding, and evaluation/accountability; and

4. to enhance students' mastery of skills in the aforementioned areas.

Students interested in this program must submit a completed Application for Admission to Graduate Study, which includes transcripts of undergraduate and graduate credits, and have three letters of recommendation sent to the Office of Admissions. Interested students should refer to their MyUNIverse Student Center To-Do list or contact the program director for any other application requirements. It is expected that students will have experience in the field prior to admission. Graduate information and application for graduate admission can be found at www.grad.uni.edu/admission.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **non-thesis** option only. A **minimum of 30 semester hours** of graduate course work is required. A **minimum of 21 hours of 200/6000-level course work, including 3 hours of LYHS 6299 (430:299) is required** . Of these 30 hours, 26 semester hours are prescribed below. The remaining 4 hours require research project/readings work, arranged through the program director.

Required

Management:		
MGMT 6260 (150:262)	Strategic Management of Human Resources	3
MGMT 6286 (150:286) "Studies In", 1 hour		1
Psychology:		
PSYCH 6005 (400:254)	Psychology, Law and Philanthropy	2
Leisure, Youth and Human Services:		
LYHS 6203 (430:248)	Philanthropy and Nonprofit Development: An Overview	3
LYHS 6410 (430:220)	Evaluation, Research and Accountability	3
LYHS 6420 (430:249)	Trends and Issues in Philanthropy/Nonprofit Development	3
LYHS 6408 (430:251)	Financial Decision Making for Youth/Human Service Agencies	3

Communication Studies:		
COMM PR 4855/5855 (48P:182g)	Public Relations Campaign Methods	3
Languages and Literatures:		
ENGLISH 4770/5770 (620:104g)	Applied Writing: Proposals and Grants	3
Public Policy:		
PUBPOL 6220 (950:220)	Public Policy, Advocacy and Public Funding	2
Leisure, Youth and Human Services:		
LYHS 6285 (430:285)	Readings	1
LYHS 6299 (430:299)	Research	3
Total Hours		30

Major in Women's and Gender Studies

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Director of Women's and Gender Studies for any other application requirements. Graduate information and application for graduate admission can be found at www.grad.uni.edu/admission.

Admission to the program is competitive. Detailed information on admission requirements and procedures may be obtained from the Women's and Gender Studies office.

The Graduate Record Examination (General Test) **is not** required for admission to the program
The Women's and Gender Studies curriculum is designed to meet the needs of students who strive for analytic clarity and rigor in gender-focused research. Students may employ the skills in reflective and critical analysis as well as the broad base of knowledge that they obtain in the program to

1. prepare for a Ph.D. program with a disciplinary or interdisciplinary focus on gender or,

2. prepare for a career in the public or private sector in the areas of gender and wellness, gender and violence prevention, or another area based on student interest or,

3. satisfy strong intellectual interests and curiosity while pursuing advanced education in the liberal arts.

Through core courses and selected electives, students enrolled in the Master of Arts in Women's and Gender Studies will accomplish several objectives: examine theories concerning the social and historical constructions of gender; explore how gender defines relationships among women, among men, and between men and women; recognize that women's lives have been under-represented in traditional disciplines and investigate previously neglected materials in order to identify women's as well as men's roles in cultural or social endeavors; study, compare, and evaluate an array of disciplinary perspectives on gender, including, but not limited to, cross-cultural, economic, sociological, historical, and literary perspectives; identify intersections of gender with race, class, age, sexual identity, and ethnicity, both locally and globally, both in the present and in the past; and employ new methodological and critical approaches to materials customarily treated in other ways, revising the content and assumptions of particular disciplines to address gender and related issues more effectively.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

The M.A. in Women's and Gender Studies has 2 tracks: thesis and applied (non-thesis). The thesis track requires a **minimum of 31 semester hours** of study; the non-thesis applied track requires a **minimum of 32 hours**; **15 hours of 6000-level course work, including 6 hours of WGS 6299** is required for the thesis option; **12 hours of 6000-level course work is required** for the applied option. Additional non-program hours may be required if courses on a student's program of study have prerequisites which instructors choose not to waive.

Successful completion of a written comprehensive examination is required for both tracks. The Applied Track also requires a culminating project supervised by 2 WGS faculty members. The project may take a wide variety of forms, but it should meet the following 3 requirements: 1) shows evidence of theoretically informed and self-reflexive praxis; 2) shows evidence of knowledge and research skills appropriate to the project; and 3) is related to the student's focus area.

Common core (13 hours – required for all students):

Required (4 Hours)		4
WGS 6289 (680:289)	Graduate Seminar in Women's and Gender Studies: Comparative Feminist Theories	
WGS 6291	Graduate Proseminar in Women's and Gender Studies	
Feminist Theories in the Social Sciences and Humanities (3 hours)		3
Select one of the following:		
ENGLISH 6120 (620:206)	Feminist Literary Theories and Practice	
SOC 4071/5071 (980:171g)	Feminist Theories in the Social Sciences	
COMM 4346/5346 (48C:153g)	Gender Issues in Communication	
History (3 Hours)		3
HISUS 4260/5260 (961:146g)	United States Women's History	
or HISEUB 4690/5690 (963:161g)	Modern European Women's History	
Research Methodology (3 Hours)		3
In consultation with and approval of thesis advisor, one course from the following or other course approved by the thesis advisor or program director:		
COMMGRAD 6022 (48C:236)	Communication Research Methodology	
ENGLISH 4120/5120 (620:128g)	Images of Women in Literature	
ENGLISH 4140/5140 (620:161g)	Literary Criticism	
ENGLISH 6100 (620:201)	Introduction to Graduate Study in English	
HIST 6050 (960:290)	Historical Methods	

PSYCH 6002 (400:241)	Research Design	
SOC 4015/5015 (980:178g)	Qualitative Research	
or ANTH 4015/5015 (990:178g)	Qualitative Research	
HPELS 6210 (440:210)	Quantitative Methods in HPELS	
HPELS 6215 (440:215)	Qualitative Methods	
LYHS 6410 (430:220)	Evaluation, Research and Accountability	
Total Hours		13

Thesis Track

Common Core	13
WGS 6299 Research Women's and Gender Studies	6
Electives related to Thesis Topic [1]	12
Total Hours	31

[1] With the approval of the thesis advisor, the student individually designs an elective sequence, selecting courses from the humanities, fine arts, social and natural sciences that best contribute to the student's thesis project.

Applied Track

Common Core		13
WGS 6195	Graduate Internship in Women's and Gender Studies	4
LYHS 6406 (430:253)	Fundraising and Grant Seeking for Nonprofit Agencies	3
Electives in Focus Area		12
Total Hours		32

Focus Areas:

1) Gender and Wellness

Required (choose one course from the following):		3
HPE 4162/5162 (410:162g)	Introduction to Women's Health	
or HPE 4328/5328 (410:128g)	Selected Topics in Women's Health	
Electives (choose 9 hours from the following):		9
HPE 4162/5162 (410:162g)	Introduction to Women's Health	
HPE 4328/5328 (410:128g)	Selected Topics in Women's Health	
HPE 4161/5161 (410:161g)	Global Service Mission	
HPE 4167/5167 (410:167g)	Cultural Competency for the Helping Professions	
HPE 4247/5247 (410:147g)	Minority Health	
HPE 4353/5353 (410:153g)	Public Health Theory	
HPE 4373/5373	Planning and Evaluating Health Promotion Programs	

HPE 4383/5383	Health Promotion Implementation and Advocacy	
HPE 4438/5438 (410:138g)	International Health	
2) Gender and Violence Prevention		
Choose 12 hours from the following:		12
FAM SERV 3145/5145 (31F:145g)	Violence in Intimate Relationships	
COMM 4447/5447 (48C:108g)	Performance and Social Change	
COMM 4346/5346 (48C:153g)	Gender Issues in Communication	
SOC 3050/5050 (980:129g)	Men and Masculinities	
CRIM 3319/5319 (982:119g)	Victimology	
CRIM 4331/5331 (982:131g)	Women, Crime and Society	
WGS 6297 Practicum Women and Gender Studies		
3) Individualized (tailored to student interests, with permission of advisor)		12

A Graduate Certificate in Women's and Gender Studies is also available. For requirements go to www.uni.edu/interdisciplinarymajorsandminors/programcertificates or in PDF copy go to the "Interdisciplinary" section.

For more information contact the Women's and Gender Studies office, Sabin 225, 319-273-7102, or www.uni.edu/womenstudies.

Program Certificates

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on any specific program certificates, contact the college or department indicated or the Office of the Registrar, which serves as the centralized registry.

Sustainability Certificate

Certificate Overview:

The current generation of students faces an overwhelming number of interrelated environmental, social, and economic issues that previous generations have been unable or unwilling to address. If a sustainable society is to be achieved that is both harmonious with the natural environment and protective of human technological and economic potential, new interdisciplinary knowledge must be both imparted to future leaders and then implemented and refined by them in their professional practice. With that goal in mind, integrative, creative course offerings are essential components of this interdisciplinary certification offering, designed to prepare leaders capable of the creative action needed to build a sustainable and just society. This certification provides undergraduate and graduate students with interdisciplinary course offerings encompassing the major content

areas of sustainability science which allows each student to tailor their program to unique interests and needs.

The certificate framework consists of a progression of classes (15 total hours) with one required course (3 hours), remaining courses are chosen by the student as electives. The required course provides a conceptual and theoretical framework for understanding how society addresses sustainability issues. After taking the foundational course, the certificate offers a number of specialized content streams from which students may choose courses (12 total hours) pertinent to their personal goals and/or professional interests. Students select electives from one or more of the following content streams: **natural and biological environments, mathematical and economic dimensions of sustainability, urban environments and technology, sustainable tourism and outdoor recreation, social, philosophical and political dimensions of sustainability, and teacher education in sustainability and environmental literacy.** Both undergraduate and graduate students pursuing the Certificate in Sustainability must choose electives in consultation with a sustainability faculty advisor, with plan of study to be approved by the Certificate's faculty oversight committee. Students may seek approval from the committee to include alternative courses among their proposed electives.

Required Course		3
TECH 1015	Introduction to Sustainability	3
Content Area Electives		12
Natural and Biological Environments		
BIOL 4167/5167 (840:167g)	Conservation Biology	3
EARTHSCI 1300 (870:031)	Introduction to Geology	4
GEOG 2210 (970:028)	Recent Climate Change	3
GEOG 3310 (970:164)	Geographic Information Systems I	3
GEOG 4310/5310 (970:170g)	GIS Applications: (Variable Topic)	3
HPE 3689 (410:189)	Seminar in Health Promotion	3
HPE 4665/5665 (410:165g)	Environmental Health Science	3
Mathematical and Economic Dimensions of Sustainability		
STAT 3771/5771 (800:121g)	Applied Statistical Methods for Research	3
Urban Environments and Technology		
CAP 3140 (CAP:140)	Environment, Technology, and Society	2
GEOG 4190/5190 (970:117g)	Transportation Planning and Policy	3
GEOG 4250/5250 (970:185g)	Laboratory Methods in Environmental Geography	3
INTDSGN 1001 (31I:065)	Introduction to Interior Design	2
PHYSICS 4300/5300 (880:152g)	Introduction to Electronics	4
TECH 3102 (330:102)	Living in Our Techno-Social World	3
or CAP 3102 (CAP:102)	Living in Our Techno-Social World	

TECH 3180 (330:180)	Lean and Sustainable Manufacturing	3
Sustainable Tourism and Outdoor Recreation		
LYHS 4554/5554 (430:146g)	Managing Recreation Impacts on the Natural Environment	3
Teacher Education in Sustainability and Environmental Literacy		
ELEMECML 4142/5142 (210:142g)	Sustainability Applications in Elementary Science Teaching	3
LYHS 4552/5552 (430:130g)	Theory and Practice of Experiential Education	3
Social, Philosophical, and Political Dimensions of Sustainability		
CAP 3194 (CAP:194)	Perspectives on Death and Dying	3
HISUS 4170/5170	U.S. Environmental History	3
HPE 4666/5666 (410:166g)	Environmental and Occupational Health Regulations	3
PHIL/RELS 2550	Environmental Ethics	3
PHIL/RELS 3510/CAP 3173 (CAP:173)	Bio-Medical Ethics	3
Total Certificate Hours		15

Note: electives must be selected in consultation with an advisor.

Graduate Certificate in Women's and Gender Studies

The Graduate Certificate in Women's and Gender Studies is offered by the College of Humanities, Arts and Sciences and the College of Social and Behavioral Sciences.

The Graduate Certificate in Women's and Gender Studies (WGS) provides students the opportunity to be exposed to the rapidly expanding interdisciplinary scholarship on women's and gender studies. This program is designed for students currently enrolled in a graduate program at UNI who are seeking a graduate degree in any discipline. The WGS graduate certificate requires 12 credit hours, which must be successfully completed during a five year period to earn the certificate. At least nine hours have to be completed at UNI and at least six of the 12 hours have to be at the 200/6000-level. Courses fulfilling the certificate program may be used to meet the requirements in a degree program in accordance with the policies of the Graduate College.

Curriculum requirements consist of one core course and a minimum of nine credit hours of electives. Students must take at least six credit hours of elective course work outside the degree-granting program. Students may petition the Director of WGS to add a relevant course. For more information, contact the Women's and Gender Studies office, Sabin 225, 319-273-7102, or www.uni.edu/womenstudies.

Required		
Select one of the following:		3
Languages and Literatures:		
ENGLISH 6120 (620:206)	Feminist Literary Theories and Practice	

Humanities:

WGS 6289 (680:289)	Graduate Seminar in Women's and Gender Studies: Comparative Feminist Theories

Sociology:

SOC 4071/5071 (980:171g)	Feminist Theories in the Social Sciences

Electives 9

Must choose one course from the Social Sciences Category A, one course from the Humanities Category B, and one course from either A, B, or the Experimental Category C.

Category A: Social Sciences

Educational Psychology:

EDPSYCH 4188/5188 (200:188g)	Current Approaches to Multicultural Education

Design, Textiles, Gerontology, & Family Studies:

FAM SERV 3145/5145 (31F:145g)	Violence in Intimate Relationships
TEXDSGN 4015/5015 (31T:114g)	Dress and Human Behavior

Health Promotion:

HPE 4328/5328 (410:128g)	Selected Topics in Women's Health
HPE 4162/5162 (410:162g)	Introduction to Women's Health

Political Science:

POL AMER 4142/5142 (942:142g)	Problems in Juvenile and Family Law

History:

HISUS 4260/5260 (961:146g)	United States Women's History
HISEUB 4690/5690 (963:161g)	Modern European Women's History

Sociology/Criminology:

SOC 3045/5045 (980:135g)	Social Inequality
SOC 4071/5071 (980:171g)	Feminist Theories in the Social Sciences
CRIM 4331/5331 (982:131g)	Women, Crime and Society

Category B: Humanities

Communication Studies:

COMM 4447/5447 (48C:108g)	Performance and Social Change
COMM 4446/5446 (48C:113g)	Social Protest: Performance and Rhetoric
COMM 4346/5346 (48C:153g)	Gender Issues in Communication

Languages and Literatures:

ENGLISH 4120/5120 (620:128g)	Images of Women in Literature
ENGLISH 6120 (620:206)	Feminist Literary Theories and Practice

World Religions:

RELS 3150	Women and Christianity

Humanities:

HUM 3160/5160 (680:160g)	Black Women in America: Challenge, Spirit, Survival
WGS 6289 (680:289)	Graduate Seminar in Women's and Gender Studies: Comparative Feminist Theories

Category C: Experimental

Social Science:

WGS 3195/5195 (900:195g)	Internship in Women's and Gender Studies

Practicum that has a gender focus and is advised by a WGS faculty member.

Total Hours 12

College of Business Administration

The College of Business offers the following under the supervision and jurisdiction of the college. The programs include:

Graduate Major

- Master of Business Administration

Program Certificate

- International Business, Culture, and Language (also listed in Department of Languages and Literatures)

Master of Business Administration Degree Program

Graduate study in business at UNI is designed to qualify men and women for creative leadership in organizations. The Master of Business Administration is a broad-based, integrated program which emphasizes the functional areas of business in order to provide the graduate with a balance between theoretical knowledge and practical business operations. The M.B.A. curriculum is designed to meet the needs of working professionals with undergraduate backgrounds in the liberal arts, sciences, engineering, as well as those with degrees in business. The M.B.A. program is accredited by AACSB International, the primary accrediting organization for management education.

The plan of study prescribed for the degree is structured to develop graduates who will have acquired:

1. knowledge of current business practice and management techniques necessary to be effective in managing and leading the day-to-day operations of the organization, as well as scanning the business environment and strategically planning for the future;

2. critical thinking skills to address complex business issues, gather information, identify and evaluate a range of options, and make ethical, thoughtful choices among the alternatives;

3. the ability to use appropriate quantitative and qualitative tools and concepts throughout the problem solving process showing an appreciation for the interrelationships among the various business functions;

4. the ability to effectively participate as a team member, facilitate group processes, and manage team projects;

5. professional written and oral communication skills necessary for effective management.

Admission to the Master of Business Administration program is dependent upon the quality of the applicant's undergraduate record, post-baccalaureate experience, the score on the Graduate Management Admission Test (GMAT), and writing and reasoning skills demonstrated on the addendum to the application.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This program is available on the **non-thesis** option only. Students who enter the program with the undergraduate requirements of a baccalaureate degree will normally require **31 semester hours** to complete the program. Those students who enter the program with an undergraduate degree in an area other than business will be required to complete some pre-MBA courses in business or show that they have completed equivalent courses in previous academic work. **A minimum of 12 hours of 200/6000-level course work is required.** Candidates for the degree are also required to successfully complete and pass a business capstone experience at the end of their program of study. The result of this experience is reported in a paper and filed in the M.B.A. office.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the College of Business Administration for any other application requirements. Graduate information and application for graduate admission can be found at www.grad.uni.edu/admission.

Detailed information for the M.B.A. may be obtained from the College of Business Administration, UNI or on the M.B.A. Web site www.cba.uni.edu/mba.

Required

Accounting:		
ACCT 6030 (120:262)	Managerial Accounting	3
Marketing:		
MKTG 6170 (130:263)	Marketing Management	3
Management:		
MGMT 6249 (150:249)	Management Information Systems Concepts	3
MGMT 6250 (150:250)	Strategic Planning and Organization Analysis	3
MGMT 6260 (150:262)	Strategic Management of Human Resources	3
MGMT 6262 (150:272)	Cross-Functional Operations	3
MGMT 6272 (150:274)	Research and Analysis for Management Decisions	3
MGMT 6276 (150:276)	Business Capstone Experience	1
Finance:		
FIN 6266 (160:266)	Financial Management and Markets	3

Economics:		
ECON 6520 (920:260)	Managerial Economics	3
Electives:		
Select 3 hours from the following:		3
BUSINESS 6280/5280	Topics in Business,Topics in Management: Big Data and Business Analytics	
Or any 5000 or 6000 level course in ACCT, MKTG, MGMT, FIN (excluding FIN 4130/5130), or ECON, with MBA Program Director approval.		
Total Hours		31

Certificate in International Business, Culture, and Language

The Certificate in International Business, Culture, and Language is available to College of Business Administration students majoring in Accounting, Economics-Business Economics Emphasis, Finance, Management, Management Information Systems, Marketing, and Real Estate and to students completing the General Business Concepts minor. The purpose of this certificate is to encourage students to seek language and cultural knowledge in order to build a foundation for understanding the global environment in which business operates. For more information students should contact UNI*Business* Advising, CBB 5. To enroll in this program students must declare their intent on a Declaration of Curriculum form. The form may be obtained in CBB 5.

International Business		
MGMT 3189 (150:189)	International Management	3
Cultural and Political Perspectives		
Select one of the following:		3
Political Science:		
POL INTL 1024 (943:024)	International Relations [*]	3
Geography:		
GEOG 1110 (970:040)	World Geography [*]	3
Sociology:		
SOC 1000 (980:001)	Introduction to Sociology [*]	3
Anthropology:		
ANTH 1002 (990:011)	Culture, Nature, and Society [*]	3
Foreign Language and History [***]		
Select one of the language options below:		5-24
Chinese (8-18 hours)		
CHIN 1001 (710:001)	Elementary Chinese I [**]	4-5
CHIN 1002 (710:002)	Elementary Chinese II [**]	4-5
CHIN 1011 (710:011)	Intermediate Chinese I	4-5
Select one of the following:		
RELS 2100	Great Living Religions: Hinduism and Buddhism	3
RELS 2110	Great Living Religions: Confucianism, Daoism, and Zen	3
HUM 3124 (680:124)	China [*]	3
POL COMP 3162 (944:162)	Politics of East Asia	3

HISNW 4850/5850 (964:183g)	Pre-Modern Chinese History	3
HISNW 4860/5860 (964:187g)	Modern Chinese History	3
SOC 3102/5102 (980:168g)	Culture, Disease, and Healing	3

French (7-24 hours)

FREN 1001 (720:001)	Introduction to French Language and Culture I [**]	3-4
FREN 1002 (720:002)	Introduction to French Language and Culture II [**]	3-4
FREN 1011 (720:003)	French Communication Practice I [**]	1-2
FREN 1012 (720:004)	French Communication Practice II [**]	1-2
FREN 2001 (720:011)	Intermediate French Language and Culture	3
FREN 2011 (720:012)	Intermediate French Communication Practice	1-2
Select one of the following:		
FREN 2002 (720:051)	Composition	3
FREN 2012 (720:061)	Conversation	2-3
HISEUB 4620/5620 (963:174g)	History of Modern France	3

German (7-18 hours)

GER 1001 (740:001)	German Language and Culture I [**]	3
GER 1002 (740:002)	German Language and Culture II [**]	3
GER 1011 (740:003)	German Communication Practice I [**]	2
GER 1012 (740:004)	German Communication Practice II [**]	2
GER 2001 (740:011)	German Language and Culture III	3
GER 2011 (740:012)	German Communication Practice III	2
Select one of the following:		
GER 2002 (740:013)	German Language and Culture IV	3
GER 2012 (740:014)	German Communication Practice IV	2
GER 1120 (740:031)	Introduction to German Literature in Translation [*]	3
ENGLISH/CAP 3148	The Holocaust in Literature and Film	3
HISEUA 4460/5460 (962:171g)	History of Germany to 1648	3
HISEUB 4630/5630 (963:172g)	History of Germany Since 1648	3

Spanish (7-20 hours)

SPAN 1001 (780:001)	Elementary Spanish I [**]	5
SPAN 1002 (780:002)	Elementary Spanish II [**]	5
SPAN 2001 (780:011)	Intermediate Spanish	5
Select one of the following:		
HUM 3123 (680:123)	Latin America [*]	3
SPAN 2053 (780:053)	Spanish for Special Purposes: _____	2-3
SPAN 2002 (780:055)	Oral and Written Spanish	3
SPAN 3052/5052 (780:152g)	Contemporary Hispanic Culture	3-5
POL COMP 3167 (944:167)	Latin American Politics	3
HISNW 4720/5720 (964:180g)	Modern Latin American History	3

English (9 hours)

Select one of the following:		
HISUS 1023	History of the United States	3
POL AMER 1014 (942:014)	Introduction to American Politics [*]	3
Select two of the following:		
ENGLISH 2520 (620:040)	Multicultural Literature	3
ENGLISH 2340 (620:043)	Survey of English Literature II: Romantics to Post-Colonialism	3
ENGLISH 2420 (620:053)	Survey of American Literature	3
ENGLISH 4420/5420 (620:121g)	The American Renaissance	3
ENGLISH 4445/5445 (620:124g)	20th-Century American Novel	3
ENGLISH 4410/5410 (620:151g)	Early American Literature	3
HISUS 4235/5235 (961:120g)	Popular Culture in the United States	3
HISUS 4275/5275 (961:142g)	United States Constitutional History	3
HISUS 4240/5240 (961:144g)	History of American Thought	3
HISUS 4250/5250 (961:145g)	Religion in America	3
HISUS 4265/5265 (961:150g)	Society and Culture in the United States	3

[*]   Credit hours in these Liberal Arts Core courses may be applied toward the completion of the Liberal Arts Core requirement and the completion of this certificate program.

[**]   Students who received credit toward the foreign language competency requirement for UNI graduation from satisfactory performance in high school language courses or students who can pass an equivalency examination do not need to take these courses.

[***]   A student's native language cannot be used to meet the language requirement for the certificate.

Summary

1. International Business	3
2. Cultural and Political Perspectives	3

3. Foreign Language and History [*]	5-24
Chinese: 8-18 hours	
French: 7-24 hours	
German: 7-18 hours	
Spanish: 7-20 hours	
English: 9 hours	
Total Hours	11-30

[*] A student's native language cannot be used to meet the requirements of this certificate.

College of Education

The College of Education offers the following degree under the supervision and jurisdiction of the college:

Doctor of Education Degree

(See website www.uni.edu/catalog/collegeofeducation - for PDF version see listing for "College of Education" under the "Interdisciplinary" section of this university catalog.)

Students interested in the Doctor of Education (Ed.D.) degree must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the appropriate Intensive Study Area (ISA) for any other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*. The Graduate Record Examination (GRE) **is** required for admission to the program.

This program is intended to provide practicing educators, in formal and nonformal settings, the opportunity to continue their study and earn the terminal professional degree in their field. The Ed.D. degree requires a **minimum of 60 semester hours of credit beyond the master's degree**. There are three components to the program:

Professional Common Core (work in educational foundations, fundamentals, and research	27
Advanced Professional Study (in one of three areas of intensive study)	27
Dissertation	6
Total Hours	60

By design, *all* students are required to study in basic areas that undergird and define educational practice and develop skills of problem definition, data collection and analysis, and interpretation. The three areas of intensive study provide for a specialized focus on practice. The three intensive study areas (ISAs) are:

- *Allied Health, Recreation, and Community Services*
- *Curriculum and Instruction*
- *Educational Leadership*

Note: Students interested in special education within the Curriculum and Instruction ISA or the Educational Leadership ISA should consult the respective ISA descriptions for further information.

In some areas, it is possible to combine doctoral degree study with work toward an endorsement to perform a particular role in K-12 education.

Brief definitions of the three ISAs follows:

Allied Health, Recreation, and Community Services

This area of intensive study is designed to provide students with advanced planning, management, supervision and evaluation of programs in the community and its institutions. The combined areas of allied health, recreation and community services are diverse professional areas knitted together by a unified commitment to enhancing, enriching and sustaining individual well-being and quality of life. Each of these areas contributes unique and different professional perspectives, yet, at the same time, focuses on the individual and collective well-being of people, communities and society as a whole. Graduates are prepared for careers as applied scholars, evaluators, athletic administration, administrators of community nonprofit organizations, youth serving agencies, public parks and recreation agencies, foundations, and government agencies. The program of study will be based upon students' needs, interests, and upon approval by an academic advisor and program of study committee. (For more information, contact the Chair of the Leisure, Youth and Human Services Division, the Health Promotion and Education Division, or the Athletic Training Division in the School of Health, Physical Education, and Leisure Services.)

Curriculum and Instruction

This area of intensive study is designed to prepare scholar practitioners to plan, implement, evaluate, and supervise educational programs for children, from infancy through adolescence, and adult learners, inclusive of a wide variety of diversity. Faculty in this intensive study area come from many departments and disciplines including, but not limited to, prekindergarten through tertiary curriculum and pedagogy; foundations of education in psychology, philosophy, social sciences; disability studies, gifted and talented, and multicultural education; literacy education; instructional technology, school library studies; and P-12 content areas such as mathematics, physical education, science, social studies, and language arts. Students interested in becoming special education scholar-practitioners to plan, implement, evaluate, and supervise educational programs for children and adult learners with an emphasis on inclusion and diversity will apply for admission through the Curriculum and Instruction Intensive Study Area. For more information see www.uni.edu/coe/departments/curriculum-instruction/graduate-study/doctoral-study.

Educational Leadership

This area of intensive study in education administration prepares personnel for leadership positions in PK-12 schools, post-secondary institutions, and other educational services or settings. Typical positions held by educators with the terminal degree focused on educational leadership include: principals, superintendents, school district central office administrators, professors of educational leadership, special education directors at the Area Education Agency level or Department of Education administrators and consultants. Students interested in special education administration will apply for admission through Educational Leadership and Postsecondary Education. (For more information, contact the Head, Department of Educational Leadership and Postsecondary Education, or please see the catalog at www.uni.edu/catalog.uni.edu/collegeofeducation/

educationalleadershipandpostsecondaryeducation or visit the Department of Educational Leadership and Postsecondary Education website at www.uni.edu/coe/departments/educational-leadership-postsecondary-education.

Admission to Doctoral Study
Initial Admission

Formal application to doctoral study should be made to the appropriate intensive study area office, where descriptive materials and application packets may be obtained. Application for graduate admission can be found at www.grad.uni.edu/admission.

Admission to the program will be granted to those applicants who provide evidence of prior academic success; successful and appropriate professional experience; effective oral, written, and interpersonal communication skills; and professional and academic goals that may be effectively served by the degree program offered. Additional criteria may be established by an area of intensive study since some previous specialization work is presumed.

1. The applicant must hold a master's degree from a regionally accredited institution of higher education.

2. Each applicant must submit transcripts of all previous academic work. Applicants with a grade point average of less than 3.50 for **all** prior graduate work will not usually be considered for unconditional admission.

3. The Graduate Record Examination (GRE) is required for admission. Students applying for admission to the Ed.D. degree program must have their verbal, analytical writing, and quantitative scores on the Graduate Record Examination forwarded directly to the Office of Admissions in order to be considered for degree status admission.

4. The applicant must have a minimum of three years of professional educational experience.

5. Three letters of recommendation must be submitted from individuals familiar with the applicant's potential for advanced professional study, at least one from a professor familiar with the applicant as a student and at least one from an educational employer/supervisor.

6. Scores on the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) are required from applicants whose first language is not English. The minimum required scores for unconditional admission are 550 (paper) / 79-80 (Internet) on the TOEFL or 6.5 on the IELTS. The requirement to submit these scores may be waived only by the Graduate College through a direct request from a graduate program (not from a prospective student). A typical circumstance in which a waiver may be granted is that the student has completed a bachelor's or graduate degree at an accredited English-speaking institution.

7. Some intensive study areas require a written statement from each applicant as part of the total application packet. The written statement should articulate the applicant's professional background, reasons for seeking the doctoral degree and a statement of career goals. A sample of professional writing that will be formally assessed may also be required. The professional writing sample may consist of a master's research paper or

thesis, published article, a paper prepared for presentation at a professional conference, or similar document. Contact the appropriate Intensive Study Area for complete application requirements.

Provisional degree status <u>may</u> be recommended for an applicant who does not meet all of the requirements or for whom it is felt that further graduate course work or professional experience would be useful in making the admission decision. Provisional degree status will not be considered for applicants whose admission files are incomplete. An individual admitted to provisional degree status must be formally reconsidered for unconditional admission, and course work completed during that time must be subsequently approved by an appropriate faculty committee before it may be applied to a degree.

Soon after admission, an advisor will be appointed for each student. In most instances, the advisor will be from the student's area of intensive study. The student should meet with the advisor to discuss the coursework to be submitted for approval for application to their 27-hour intensive study area.

General Regulations

See also the Common Regulations and Requirements for All Graduate Programs.

1. **Maximum academic load**

   See the Common Regulations and Requirements for all Graduate Programs.

2. **Credit from Other Institutions**

   All transfer credit, including work taken prior to formal admission, is subject to review by the Office of Admissions, Dean of the Graduate College or designee, Dean or Associate Dean of the College of Education, and the College Committee for Doctoral Study. The student's doctoral advisor and program coordinator will make recommendations regarding the applicability of transfer credit. Hours that have been applied to the first master's degree cannot be transferred.

   *Credit from other Institutions***:** If applicants wish to have graduate level **transfer courses** considered for their graduate degree at UNI, official transcripts must be submitted to the UNI Office of Admissions at the time of admission to graduate study. A Graduate Credit Transfer Evaluation form is also required for each course the student wishes to submit for transfer - this form can be found at access.uni.edu/forms/index.shtml**.** Courses will not be evaluated for transfer credit eligibility until the student is in attendance at UNI. See www.grad.uni.edu/admission/application-process for further information.

   A maximum of 6 credits can be applied to both a doctoral degree and a second or third Master's degree or a Specialist degree.

   A student must complete at least 45 hours of credit, including the Professional Common Core, with members of the UNI Graduate Faculty.

Graduation Requirements

1. **Scholarship**

A cumulative grade point average of 3.00 or above (on a 4.00 scale) must be maintained for all course work taken toward the Doctor of Education degree at the University of Northern Iowa. No more than 6 semester hours of C credit (C-, C, C+) may be applied toward credit for graduation. A course with a grade lower than C- cannot be used to fulfill degree requirements. See also the Common Regulations and Requirements for All Graduate Programs.

2. **Hours of Credit**

A minimum of 60 semester hours of credit beyond the master's degree is required. Students must complete the 27-credit Professional Common Core, the 27-credit Advanced Professional Study in one of three intensive study areas, and 6 credits of Dissertation Research.

   a. **Level of courses**

   Credit earned as part of the candidate's degree will be earned in courses which are at the graduate level (100g/5000-level, 200/6000-level, or 300/7000-level). A minimum of 45 hours of course work at the 200/6000-level or 300/7000-level must be completed. No more than 15 hours of credit at the 100g/5000-level may apply toward the minimum hours.

   b. **Research credit**

   6 hours of INTDEPED 7399 (190:399) is required for the degree. No more than 6 hours of research may be taken. Departmental 7399 courses will not be used to add additional research hours to the degree and should not be taken. Master's-level Research courses xxx:299/6299 cannot be applied to a doctoral degree. Directed Research xxx:29R/629R may be taken after all hours of have been registered for, but for no more than 12 hours total and for no more than 6 hours in a given term. xxx:29R/629R cannot be applied to the required minimum hours for the degree or the required minimum hours of 200/6000-level or 300/7000-level for the degree.

   c. **Time Limitation (Recency of credit)**

   Courses taken more than ten (10) years prior to the granting of the degree cannot be used to meet degree requirements. See the Common Regulations and Requirements for All Graduate Programs for information on extensions for military active duty or FMLA-type circumstances.

   d. **Correspondence Credit (specified as Guided Independent Study at UNI)**

   See the Common Regulations and Requirements for All Graduate Programs.

   e. **Workshop credit**

   See the Common Regulations and Requirements for All Graduate Programs.

3. **Residence requirement**

A student must complete 45 hours of credit, including the Professional Common Core, with members of the UNI Graduate Faculty.

4. **Assessments**

The following examinations are required of all students enrolled in the Doctor of Education program:

   a. **Doctoral comprehensive requirement**

   The candidate requests permission to complete the comprehensive requirement (i.e., comprehensive examination or alternative comprehensive) through an Intensive Study Area office. Normally, such a request is made during the term prior to the administration of the comprehensive requirement. The doctoral comprehensive requirement is governed by the following conditions:

   i   The candidate will have completed a minimum of 80 percent of program of study for a comprehensive examination or 40 percent of a program of study for the alternative comprehensive.

   ii   The candidate will have satisfied the research proficiency requirement.

   iii The requirement is prepared within the guidelines established by the ISA.

   iv   A candidate may be permitted to take the doctoral comprehensive examination a second time.

   Note: Upon successful completion of the Doctoral Comprehensive Examination, the degree candidate achieves the status of active candidate.

   Post-comprehensive registration

   Doctoral students who have completed all of their program but the dissertation, and who have passed their comprehensive examination, must be continuously registered until the degree is completed. Students reaching this stage will be automatically registered and assessed a fee for , the post-comprehensive registration number. Students who have completed their coursework, but have not yet passed the comprehensive examination, will be automatically registered and assessed a fee for INTDEPED:629C Continuous Registration until they have met the enrollment criteria for .

   b. **Doctoral dissertation examination**

   Upon completion of her/his doctoral dissertation, the active candidate will request and submit to a public examination over the content, methodology, and results of the dissertation research. An announcement of this examination (defense) should be disseminated by the COE Dean's Office no less than 2 weeks prior to the defense date.

5. **Dissertation**

A dissertation is required of all candidates for the Doctor of Education degree. Students are encouraged to select the topic of their dissertation early in the program. The dissertation is to be prepared and submitted in accordance with the most current edition of the Graduate College *Thesis and Dissertation Manual*

at www.grad.uni.edu/thesis-dissertation. This manual should be consulted prior to writing the dissertation.

a. **Dissertation Committee**

The dissertation committee will consist of a minimum of four members of the UNI graduate faculty. One of the four members must be from outside the student's department(s). Departments are identified on the student's Dissertation Committee Appointment Form.

An expansion of the committee may occur if a non-faculty member or an external faculty member from a university other than UNI agrees to serve due to expertise or as a representative of an area of knowledge. Approval shall comprise a written petition submitted in the normal procedure. Non-faculty personnel will participate in all committee responsibilities except for signature decisions.

b. **Credit hours**

The dissertation will involve 6 hours of credit. The instructor may assign an RC for Research Continued, if s(he) feels the work has not reached the stage where it can be evaluated. Registration for the last segment of research credit should be postponed until the dissertation is near completion. The Registrar may authorize the extension of time for the completion of a Research Continued (RC) in Research up to one additional calendar year with consent of instructor. If at the end of that time the work has not yet been completed, the RC will be changed to an F (Failure).

c. **Doctoral dissertation proposal**

The student, in conjunction with her/his advisor, should make arrangements to present the dissertation proposal to the doctoral committee as a group. Formal work on the dissertation may not proceed without approval from this committee. An announcement of proposed defense should be disseminated by the COE Dean's Office no less than two weeks prior to defense date.

d. **Dissertation Preview**

During the semester in which the student intends to graduate, the student must make an appointment with the Graduate College for a dissertation preview to have the style and format of the dissertation reviewed. All problems may not be detected during the preview; however, the major difficulties will be discussed. Often a brief consultation will uncover format problems that are easily remedied at this stage. Intensive Study Area Coordinators must identify the students who should be scheduled for preview each semester. The student must have an up-to-date advisement report and the Dissertation Committee approved by the Graduate Dean before a preview meeting will be scheduled. The preview must be **scheduled and completed no later than eight weeks** before the last day of the semester students intend to graduate. See www.grad.uni.edu/important-dates for preview dates. No dissertation will be accepted by the Graduate College for final approval without the completion of this preview.

e. **Oral Defense**

See 4.2 above (Examinations). Completion of the dissertation occurs when the student's committee and the Dean of the Graduate College have approved the dissertation. The dissertation must be in final copy form before doctoral committee members may affix their signatures for approval. The dissertation must be presented for approval to the dissertation committee three weeks prior to the Graduate College deadline for final submission. See www.grad.uni.edu/important-dates for the final submission deadline. An announcement of the defense should be disseminated by the COE Dean's Office no less than 2 weeks prior to the defense date.

f. **Filing of Dissertation**

See www.grad.uni.edu/important-datesfor the final submission deadline each term. In addition to the printed copy of the thesis or dissertation, the manuscript must be submitted by the student to the Graduate College electronically. It should be formatted in Microsoft Word as a single document (do **not** convert it to a pdf). Using your UNI email account, attach the Word document to an email and send to the Graduate College Thesis Reviewer, janet.witt@uni.edu. After final approval, both the printed copy and the electronic copy will be retained by the UNI Rod Library. Check the Thesis & Dissertation Manual for information about copyrighting the dissertation. A complete submission includes:

i Electronic dissertation, produced in one Microsoft Word document; emailed as an attachment from the student's UNI email account to the Thesis Reviewer, janet.witt@uni.edu.

ii One printed copy of the dissertation and abstract on approved thesis paper. After receiving final approval, this copy will be bound and maintained by Rod Library at the University of Northern Iowa.

iii *Minimum* of three copies of dissertation abstract title page on approved thesis paper, each one originally signed by the chair, and co-chair if applicable, after the student's successful defense. The Graduate Dean will sign these pages after the dissertation receives final approval of the Graduate College. The Graduate College keeps one copy to be bound into the dissertation, sends one to the student's ISA office, and returns the extra one to the student for personal use. If the student wants more than one personal copy, extras may be submitted, and all extras will be returned to the student after final approval.

iv *Minimum* of three copies of the dissertation title page on approved thesis paper with original signatures of all committee members. The student should prepare and obtain signatures on the same number of dissertation title pages and abstract title pages. The Graduate College keeps one copy to be bound into the dissertation, sends one to the student's ISA office, and returns all extras to the student for personal use.

v Three blank sheets of approved thesis paper (required for binding)

vi Graduate College dissertation submission form (available at www.grad.uni.edu/thesis-dissertation-forms). This is a

"fillable" form; it should be opened in Adobe Acrobat and filled out on the computer, and then printed on plain paper.

vii Dissertation approval form. Please use the most recent version of the form, available at http://www.grad.uni.edu/thesis-dissertation-forms. This form should also be opened in Adobe Acrobat and filled out on the computer, and printed on plain white paper.
NOTE: Illegible handwritten forms will not be accepted.
Following the successful defense, obtain all required signatures except the Graduate Dean's before submitting to the Graduate college (the Graduate College Dean will sign when final approval is given by Graduate College).

viii Actual dissertation draft read at time of preview (not required if preview was done by email).

ix Self-addressed label (provided at time of preview) for return of extra approval pages to student.
If preview was completed by email, be sure to specify mailing address for the return of signed approval pages in lieu of a mailing label.

x Doctoral students graduating from the College of Education at the University of Northern Iowa must complete a Survey of Earned Doctorates form. The form should be submitted online at https://sed.norc.org/doctorate/.

xi After the dissertation has received final approval by the Graduate College, a link to the Agreement and Permission to Preserve Thesis/Dissertation form will be emailed to the student at their UNI email address. This Agreement form must be submitted electronically. This completes the process for the student, and the Graduate College will submit the thesis electronically to the Library and the printed copy will be bound. The student's ISA and the Registrar's Office will be notified of final approval after this form is submitted.

xii For further dissertation information, see the Graduate College's *Thesis and Dissertation Manual* at www.grad.uni.edu/thesis-dissertation.

g. **Dissertation Fees**

A fee of **$25.00** is required for all students submitting a thesis or dissertation. This covers the Library's costs for binding the print copy and processing the electronic copy of the thesis/dissertation. **The fee will be charged to the student's U-Bill after the final copy of the thesis/dissertation is submitted to the Graduate College.** The printed copy of the dissertation will be bound, and both the bound copy and the electronic copy will be retained by UNI's Rod Library. Check with your ISA's graduate secretary regarding the requirements and costs for printing and binding ISA copies.

6. **Application for Graduation**

It is the student's responsibility to make a timely application to graduate during the term the final degree requirements are completed.

Application for graduation must be completed online through MyUNIverse Student Center. A non-refundable graduation fee is charged each term a student applies to graduate. **To avoid paying a late application fee, an application to graduate must be submitted by November 10 for Fall terms, April 1 for Spring terms, or July 1 for Summer terms.** During the semesters, these dates ensure that students' names can be included in the commencement publication. After the deadline, but before the end of the term, students may still apply for degree conferral that term, but a substantial late application fee will be charged in addition to the normal graduation fee, and their names might not be included in the commencement publication. **Applications submitted after the end of the term will generally *not* be processed for degree conferral for the term just past.** Exceptions for post-term application will only be considered for unforeseen circumstances arising after the end of the term and require approval by the department and the Graduate College on a MyUNIverse student request. If the department or Graduate College does not approve a post-term applicant, the student will need to apply for graduation the next term and pay the graduation fee, but will not have to pay a graduation fee for the late application. includes:

Graduate Student Eligibility to Participate in Commencement Ceremony

Graduate students may participate in commencement at the end of the Fall or Spring term that their final degree requirements are completed, or the next later term. There is no summer commencement ceremony. Summer degree candidates may participate in Spring or Fall commencement as indicated below:

Although Application for Degree Conferral may be submitted until the end of the term, in order to ensure inclusion in the commencement program and to avoid a late application fee, Applications for Graduation must be submitted by the following deadlines:

- Spring graduate degree candidates must submit their application by April 1.

- Fall graduate degree candidates must submit their application by November 10.

- Summer graduate degree candidates: The application deadline to avoid the late application fee is July 1. For deadlines for commencement participation, see the appropriate paragraph immediately below:

Summer Graduation - Master's and Specialist Degree Students: Students who will complete their degree requirements in summer, and who apply by April 1 for summer graduation (degree conferral), are eligible to participate in Spring commencement. Students who will complete their degree requirements in summer and who apply after April 1 for summer graduation (degree conferral) are only eligible to participate in Fall commencement.

Summer Graduation - Doctoral Degree Students: Students who complete their degree requirements in summer may apply for summer or fall graduation (degree conferral), but they will only be eligible to participate in Fall commencement. Exceptions for summer doctoral candidates to participate in Spring commencement will only be made if the student applied for summer graduation by April 1 and has completed all degree

requirements, including defense and final submission of the dissertation to the Graduate College, *prior to the last week of classes of the spring term.*

7. **Attendance at commencement**

The candidate for the Doctor of Education degree is expected to secure the appropriate academic regalia and appear at commencement for the awarding of the degree. The candidate is not eligible to participate in commencement before the dissertation is submitted to the Graduate College and all degree requirements are met.

Doctor of Education Program Requirements

Doctor of Education Professional Common Core for all Intensive Study Areas

Substantive Component: 18 credit hours (3 credits per course)		18
INTDEPED 7303 (190:303)	Foundations of Inquiry	
INTDEPED 7318	Evidence-Based Practices, Assessment, Accountability, and Program Evaluation	
INTDEPED 7320	Leadership in Formal and Informal Learning Environments (OR EDLEAD 7311 or EDLEAD 6245 if taken for an Advanced Studies Certificate in Educational Leadership)	
INTDEPED 7322	Organizational and Community Transformation (OR EDLEAD 7325 or EDLEAD 6247 if taken for an Advanced Studies Certificate in Educational Leadership)	
INTDEPED 7324	Critical Analysis of Social and Cultural Contexts in Education	
INTDEPED 7389 (190:389)	Doctoral Seminar	
Research Methods		9
INTDEPED 7314	Inquiry I	
INTDEPED 7316	Inquiry II	
Advanced Methods Course:		
Choose one or more of the following 3-credit-hour courses:		
MEASRES 6270 (250:270)	Educational Program Evaluation	
MEASRES 7310 (250:310)	Advanced Qualitative Methods in Educational Research	
MEASRES 7330	Advanced Quantitative Research in Education	
Total hours in Professional Common Core		27

Allied Health, Recreation and Community Services Intensive Study Area Requirements

I. Professional Common Core		27
II. Advanced Professional Studies		
Required Courses in Allied Health, Recreation and Community Services Core:		
HPELS 7410 (430:310)	Critical Theories and Practices I	3
HPELS 7412 (430:312)	Critical theories and Practices II	3
HPELS 7329 (430:329)	Research and Evaluation Seminar (6 credits, 1 hour each semester, required)	6
Academic Specialization: Select one primary area for 12 credits, and 3 credits of electives of your choice.		15
A. Health Promotion and Education		
B. Leisure, Youth and Human Services		
C. Rehabilitation Studies		
III. Dissertation Research		6
INTDEPED 7399 (190:399)	Dissertation Research	
Total Hours		60

Curriculum & Instruction Intensive Study Area Requirements

I. Professional Common Core		27
II. Advanced Professional Studies (27 hours)		
Required Courses in Curriculum and Instruction Intensive Study Area:		
Curriculum and Instruction:		6
ELEMECML 7352 (210:352)	Curriculum Theory and Development	
ELEMECML 7354 (210:354)	Curriculum Implementation and Evaluation	
Curriculum and Instruction Seminar:		3-12
ELEMECML 7389 (210:389)	Seminar in Curriculum and Instruction	
Curriculum and Instruction Practicum:		1-4
ELEMECML 7397 (210:397)	Practicum in Curriculum and Instruction	
Instructional Technology:		3
INSTTECH 7340 (240:340)	Designing Instructional Systems	
or INSTTECH 6240 (240:240)	Understanding Instructional Design	
Electives:		2-14
Electives must be added to reach a total 27 hours along with above courses for the Advanced Studies requirement.		
III. Dissertation Research		6
INTDEPED 7399 (190:399)	Dissertation Research	
Total Hours 60		

Educational Leadership Intensive Study Area Requirements

This intensive study area is available in two tracks: The Superintendency/Principalship track and the Special Education Director track.

Superintendency/Principalship Track

I. Professional Common Core	27
II. Advanced Professional Studies	
Required Courses in Educational Leadership:	
Seminar (select one):	3
POSTSEC 7389 (170:389)	Seminar in Postsecondary Education
or EDLEAD 7389 (270:389)	Seminar in Educational Leadership
or EDLEAD 6289 (270:289)	Seminar in Educational Leadership
Practicum or Internship (select one or more):	3
POSTSEC 7397 (170:397)	Practicum: Postsecondary Education
or EDLEAD 7397 (270:397)	Practicum in Educational Leadership
or EDLEAD 7391 (270:391)	Internship in Educational Leadership
or EDLEAD 6291 (270:291)	Internship
Electives chosen from the following:	21
EDLEAD 6206 (270:206)	Orientation to ISSL and Educational Leadership
EDLEAD 6232 (270:232)	School Governance, Law and Intersystems Relations
EDLEAD 6249 (270:249)	Leading Learning, Teaching, and Curriculum
EDLEAD 6282 (270:282)	Leading School Growth and Improvement
EDLEAD 6284 (270:284)	Evaluator Approval for Improved Student Learning
EDLEAD 6285 (270:285)	Readings in Educational Leadership [*]
EDLEAD 6289 (270:289)	Seminar in Educational Leadership [*]
EDLEAD 6291 (270:291)	Internship
EDLEAD 6292 (270:292)	Capstone ISSL
EDLEAD 7310 (270:310)	Human Resource Administration
EDLEAD 7315 (270:315)	Leading Teaching, Learning and Assessment
EDLEAD 7318 (270:318)	Evaluation of Administrators
EDLEAD 7319 (270:319)	Power, Politics, and Ethics in School District Leadership
EDLEAD 7340 (270:340)	Funding the Educational Program for Improved Student Achievement

EDLEAD 7346 (270:346)	School Business Management
EDLEAD 7385 (270:385)	Readings in Educational Leadership [*]
EDLEAD 7389 (270:389)	Seminar in Educational Leadership [*]
EDLEAD 7391 (270:391)	Internship in Educational Leadership
EDLEAD 7397 (270:397)	Practicum in Educational Leadership
Other courses as approved by ISA.	
*1-3 hours - may be repeated with Intensive Study Area approval.	
III. Dissertation	6
INTDEPED 7399 (190:399)	Dissertation Research
Total Hours	60

Special Education Director Track

I. Professional Common Core	27
II. Advanced Professional Studies for Special Education Director Track:	27
Required:	
EDLEAD 6232 (270:232)	School Governance, Law and Intersystems Relations
EDLEAD 6282 (270:282)	Leading School Growth and Improvement
EDLEAD 6284 (270:284)	Evaluator Approval for Improved Student Learning
SPED 6260 (220:260)	Special Education Law and Policy
SPED 6278 (220:278)	Administration of Special Education
SPED 6290 (220:290)	Practicum
Electives:	
Electives (chosen from the following) must be added to reach a total 27 hours along with above courses for the Advanced Studies requirement.	
EDLEAD 6245 (270:245)	Leadership for Effective Schools
EDLEAD 6249 (270:249)	Leading Learning, Teaching, and Curriculum
EDLEAD 6289 (270:289)	Seminar in Educational Leadership [*]
EDLEAD 7310 (270:310)	Human Resource Administration
EDLEAD 7311 (270:311)	Educational Leadership and Systems Change
EDLEAD 7315 (270:315)	Leading Teaching, Learning and Assessment
EDLEAD 7318 (270:318)	Evaluation of Administrators
EDLEAD 7319 (270:319)	Power, Politics, and Ethics in School District Leadership

EDLEAD 7385 (270:385)	Readings in Educational Leadership	
MEASRES 6270 (250:270)	Educational Program Evaluation (if not taken for Professional Common Core)	
SPED 7301	Internship in Special Education Administration	
SPED 7385 Readings in Special Education		
SPED 7386 (220:386)	Studies in Special Education	
SPED 6285 Readings in Special Education		
SPED 6286 Studies in Special Educatin		
Other courses as approved by ISA.		
*1-3 hours - may be repeated with Intensive Study Area approval.		
III. Dissertation Research		6
Total Hours		60

College of Humanities, Arts and Sciences and College of Social and Behavioral Sciences

The College of Humanities, Arts and Sciences and the College of Social and Behavioral Sciences offer the following program certificate under the supervision and jurisdiction of these colleges.

Certificate in Leadership Foundations

The Certificate in Leadership Foundations is an interdisciplinary program that educates students about and for leadership in a democratic society. This certificate provides an overview of diverse leadership theories, concepts, and issues, and assessment of one's leadership styles and abilities. It is open to any student; prior experience in leadership activities is not required.

Prerequisite for admission: 2.50 GPA or permission of director.

Students who are pursuing the Certificate in Leadership Foundations must have an overall GPA in the core courses, including the internship, of 2.50 with no lower than a C in any one course.

Required

Humanities:		
HUM 3110/5110 (680:110g)	Leadership: Concepts and Practice	3
HUM 3188 (680:188)	Seminar on Leadership Development: The Future	2
Electives		6
Two courses approved by Leadership Studies Director.		
Total Hours		11

College of Humanities, Arts and Sciences

The College of Humanites, Arts and Sciences offers the following under the supervision and jurisdiction of the college.

Program Certificate

- Women's and Gender Studies (graduate certificate)

Graduate Certificate in Women's and Gender Studies

The Graduate Certificate in Women's and Gender Studies is offered by the College of Humanities, Arts and Sciences and the College of Social and Behavioral Sciences.

The Graduate Certificate in Women's and Gender Studies (WGS) provides students the opportunity to be exposed to the rapidly expanding interdisciplinary scholarship on women's and gender studies. This program is designed for students currently enrolled in a graduate program at UNI who are seeking a graduate degree in any discipline.

The WGS graduate certificate requires 12 credit hours, which must be successfully completed during a five year period to earn the certificate. At least nine hours have to be completed at UNI and at least six of the 12 hours have to be at the 200/6000-level. Courses fulfilling the certificate program may be used to meet the requirements in a degree program in accordance with the policies of the Graduate College.

Curriculum requirements consist of one core course and a minimum of nine credit hours of electives. Students must take at least six credit hours of elective course work outside the degree-granting program. Students may petition the Director of WGS to add a relevant course.

For more information, contact the Women's and Gender Studies office, Sabin 225, 319-273-7102, or *www.uni.edu/womenstudies*.

Required

Select one of the following:		3
Languages and Literatures:		
ENGLISH 6120 (620:206)	Feminist Literary Theories and Practice	
Humanities:		
WGS 6289 (680:289)	Graduate Seminar in Women's and Gender Studies: Comparative Feminist Theories	
Sociology:		
SOC 4071/5071 (980:171g)	Feminist Theories in the Social Sciences	
Electives		9
Must choose one course from the Social Sciences Category A, one course from the Humanities Category B, and one course from either A, B, or the Experimental Category C.		
Category A: Social Sciences		
Educational Psychology:		
EDPSYCH 4188/5188 (200:188g)	Current Approaches to Multicultural Education	

Design, Textiles, Gerontology, & Family Studies:

FAM SERV 3145/5145 (31F:145g)	Violence in Intimate Relationships
TEXDSGN 4015/5015 (31T:114g)	Dress and Human Behavior

Health Promotion:

HPE 4328/5328 (410:128g)	Selected Topics in Women's Health
HPE 4162/5162 (410:162g)	Introduction to Women's Health

Political Science:

POL AMER 4142/5142 (942:142g)	Problems in Juvenile and Family Law

History:

HISUS 4260/5260 (961:146g)	United States Women's History
HISEUB 4690/5690 (963:161g)	Modern European Women's History

Sociology/Criminology:

SOC 3045/5045 (980:135g)	Social Inequality
SOC 4071/5071 (980:171g)	Feminist Theories in the Social Sciences
CRIM 4331/5331 (982:131g)	Women, Crime and Society

Category B: Humanities

Communication Studies:

COMM 4447/5447 (48C:108g)	Performance and Social Change
COMM 4446/5446 (48C:113g)	Social Protest: Performance and Rhetoric
COMM 4346/5346 (48C:153g)	Gender Issues in Communication

Languages and Literatures:

ENGLISH 4120/5120 (620:128g)	Images of Women in Literature
ENGLISH 6120 (620:206)	Feminist Literary Theories and Practice

World Religions:

RELS 3150	Women and Christianity

Humanities:

HUM 3160/5160 (680:160g)	Black Women in America: Challenge, Spirit, Survival
WGS 6289 (680:289)	Graduate Seminar in Women's and Gender Studies: Comparative Feminist Theories

Category C: Experimental

Social Science:

WGS 3195/5195 (900:195g)	Internship in Women's and Gender Studies
Practicum that has a gender focus and is advised by a WGS faculty member.	

Total Hours	12

Iowa Lakeside Laboratory

(Interinstitutional Program)

www.continuetolearn.uiowa.edu/lakesidelab/

For current information refer to the above Iowa Lakeside Laboratory website.

Department of Languages and Literatures

(College of Humanities, Arts and Sciences)

www.uni.edu/langlit

The Department of Languages and Literatures offers the following undergraduate and graduate programs and program certificate. Specific requirements for these programs are listed within this Department of Languages and Literatures section as follows:

Undergraduate Majors (B.A.)

- English
- English-Teaching
- Spanish
- Spanish-Teaching
- Teaching English to Speakers of Other Languages (TESOL)
- Teaching English to Speakers of Other Languages (TESOL)-Teaching
- TESOL/Modern Language-Teaching

Minors

- English
- English-Teaching
- Interdisciplinary Language Studies: French
- Spanish
- Spanish-Teaching
- Spanish/English Translation
- Teaching English to Speakers of Other Languages (TESOL)
- Teaching English to Speakers of Other Languages (TESOL)-Teaching
- Writing

Graduate Majors (M.A.)

- English
- Spanish
- Teaching English in Secondary Schools
- Teaching English to Speakers of Other Languages (TESOL)
- TESOL/Modern Languages

Program Certificates

- French Language Studies
- German Language Studies

- Hispanic Cultures
- International Business, Language and Culture (also listed under College of Business Administration)
- International Commerce
- Post-Colonial and Multicultural Literary Studies
- Spanish Language Studies
- Spanish for Special Purposes
- Teaching English to Speakers of Other Languages
- Translation: Spanish

Enrollment Management Policy

Spanish Retrocredit for Heritage Speakers of Spanish: A student who is a heritage speaker of Spanish, and who takes SPAN 3001 (780:101) Advanced Writing or SPAN 3006 Spanish for Heritage Speakers, and receives a grade of B or higher in this course, will receive Credit for the following UNI classes: SPAN 1001 (780:001) Elementary Spanish I (5 s.h.); SPAN 1002 (780:002) Elementary Spanish II (5 s.h.); SPAN 2001 (780:011) Intermediate Spanish (5 s.h.); SPAN 2002 (780:055) Oral and Written Spanish (3 s.h.); SPAN 3003 (780:103) Advanced Conversation and Reading (3 s.h.). Courses will appear on transcripts as *credit*; no grade will be assigned.

Bachelor of Arts Degree Programs
English Major

The English major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required:

Complete all of the following:

English:

ENGLISH 2120 (620:034)	Critical Writing About Literature	3
ENGLISH 2320 (620:042)	Survey of English Literature I: Beginnings to Early Modernity	3
ENGLISH 2340 (620:043)	Survey of English Literature II: Romantics to Post-Colonialism	3
ENGLISH 2420 (620:053)	Survey of American Literature	3
ENGLISH 2520 (620:040)	Multicultural Literature	3

Complete one of the following: 3

English:

ENGLISH 3710/5710	Craft of Creative Nonfiction	
ENGLISH 4025/5025 (620:163g)	Theory and Practice of Writing	
ENGLISH 4740/5740 (620:174g)	Poetry Workshop [**]	
ENGLISH 4750/5750 (620:175g)	Fiction Workshop [**]	
ENGLISH 4765/5765 (620:102g)	Applied Writing: Workplace Communication [**]	

ENGLISH 4770/5770 (620:104g)	Applied Writing: Proposals and Grants [**]	
ENGLISH 4775/5775 (620:105g)	Applied Writing: Technical Communication [**]	

Journalism:

COMM DM 4735/5735	Advanced Reporting	

Complete one of the following: 3

TESOL/Applied Linguistics:

TESOL 4110/5110 (630:130g)	The Structure of English	
or TESOL 4120/5120 (630:125g)	Introduction to Linguistics	

Electives in English literature, complete at least two courses from each group (A, B, and C)

Within each group, other appropriate topics may be offered in sections of: [*]

ENGLISH 3159/4159/5159 (620:159/620:159g) Experimental course	
ENGLISH 3186/4186/5186 (620:186/620:186g) "Studies in"	
ENGLISH 4188/5188 (620:150g)	Author Seminar: _____
ENGLISH 4190/5190 (620:188g)	Seminar in Literature: _____
ENGLISH 4688/5688 (620:126g)	Genre Seminar:_____

Group A: Literature in English to 1800: [*] 6

ENGLISH 4310/5310 (620:110g)	Old English Language, Literature, and Culture
ENGLISH 4315/5315 (620:113g)	Early Modern Drama
ENGLISH 4320/5320 (620:116g)	English Renaissance
ENGLISH 4325/5325 (620:117g)	18th-Century British Literature
ENGLISH 4370/5370 (620:144g)	Chaucer
ENGLISH 4375/5375 (620:148g)	Shakespeare
ENGLISH 4380/5380 (620:147g)	Milton
ENGLISH 4410/5410 (620:151g)	Early American Literature

Group B: Literature in English since 1800: [*] 6

ENGLISH 4330/5330 (620:118g)	British Romantic Writers
ENGLISH 4335/5335 (620:119g)	British Victorian Writers
ENGLISH 4340/5340 (620:156g)	British Novel to 1900
ENGLISH 4345/5345 (620:120g)	20th-Century British Novel
ENGLISH 4420/5420 (620:121g)	The American Renaissance
ENGLISH 4425/5425 (620:123g)	American Realism and Naturalism to WWI

ENGLISH 4430/5430 (620:153g)	American Poetry to 1914	
ENGLISH 4445/5445 (620:124g)	20th-Century American Novel	
ENGLISH 4602/5602 (620:134g)	Modern/Postmodern Poetry	
ENGLISH 4615/5615 (620:115g)	Modern Drama	
Group C: Literary Theory, Film, Cross-Cultural: *		6
ENGLISH 3144	Genocide in Writing and Film	
ENGLISH 3148	The Holocaust in Literature and Film	
ENGLISH 4110/5110	Environmental Literature	
ENGLISH 4120/5120 (620:128g)	Images of Women in Literature	
ENGLISH 4140/5140 (620:161g)	Literary Criticism	
ENGLISH 4160/5160	Issues in Digital Humanities	
ENGLISH 4310/5310 (620:110g)	Old English Language, Literature, and Culture	
ENGLISH 4540/5540 (620:157g)	African American Literature	
ENGLISH 4560/5560 (620:158g)	Asian American Literature	
ENGLISH 4577/ CAP 3187 (CAP:187)	Blues and Jazz in African American Film and Literature	
ENGLISH 4588/5588	World Literature Seminar: (Topic)	
ENGLISH 4632/5632 (620:172g)	Literary Nonfiction	
ENGLISH 4652/5652 (620:139g)	Film and Literature	
ENGLISH 4660/5660 (620:142g)	Film History	
ENGLISH 4664/5664 (620:182g)	Film Theory and Criticism	
ENGLISH 4672/5672 (620:170g)	Electronic Literature	
Electives in English language, literature or writing		3
Total Hours		42

**   The following courses have additional prerequisites: ENGLISH 4765/5765 (620:102g), ENGLISH 4770/5770 (620:104g), and ENGLISH 4775/5775 (620:105g) have prerequisites of MGMT 2080 (150:080) or ENGLISH 2770 (620:077) or consent of instructor.
ENGLISH 4740/5740 (620:174g) has prerequisite of ENGLISH 3715/5715 or consent of instructor.
ENGLISH 4750/5750 (620:175g) has prerequisite of ENGLISH 3725/5725 or consent of instructor.
COMM DM 4735/5735 has prerequisite of COMM DM 2755.

English Major-Teaching

The English-Teaching major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements, and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required:

English:

Complete all of the following:		
ENGLISH 2120 (620:034)	Critical Writing About Literature	3
ENGLISH 2320 (620:042)	Survey of English Literature I: Beginnings to Early Modernity	3
ENGLISH 2340 (620:043)	Survey of English Literature II: Romantics to Post-Colonialism	3
ENGLISH 2420 (620:053)	Survey of American Literature	3
ENGLISH 2520 (620:040)	Multicultural Literature	3
Complete one of the following:		3
English:		
ENGLISH 3710/5710	Craft of Creative Nonfiction	
ENGLISH 4025/5025 (620:163g)	Theory and Practice of Writing	
ENGLISH 4765/5765 (620:102g)	Applied Writing: Workplace Communication **	
ENGLISH 4770/5770 (620:104g)	Applied Writing: Proposals and Grants **	
ENGLISH 4775/5775 (620:105g)	Applied Writing: Technical Communication **	
Journalism:		
COMM DM 4735/5735	Advanced Reporting	
Complete one of the following:		3
TESOL/Applied Linguistics:		
TESOL 4110/5110 (630:130g)	The Structure of English	
TESOL 4120/5120 (630:125g)	Introduction to Linguistics	
Complete one of the following:		3
TESOL/Applied Linguistics:		
TESOL 4140/5140 (630:143g)	History of the English Language	
TESOL 4310/5310 (630:195g)	Modern English Grammar and Usage	
TESOL 4510/5510 (630:165g)	Language Development	
TESOL 4710/5710 (630:190g)	Applied English Linguistics for Teachers	
Complete all of the following:		
Communication:		
COMM 1000 (48C:001)	Oral Communication	3
English:		

ENGLISH 4920/5920 (620:193g)	The Teaching of Writing	3
ENGLISH 4940/5940 (620:165g)	Literature for Young Adults	3
ENGLISH 4980/5980 (620:190g)	The Teaching of English	3
Literacy Education		
LITED 4117/5117 (230:117g)	Methods of Teaching Content Literacy at the Middle and Secondary Levels	3

Electives in English literature: complete at least one course from each group (A, B, and C):

Within each group, other appropriate topics may be offered in sections of: *

ENGLISH 3159/4159/5159 (620:159/620:159g) Experimental course	
ENGLISH 3186/4186/5186 (620:186/620:186g) "Studies in"	
ENGLISH 4188/5188 (620:150g)	Author Seminar: _____
ENGLISH 4190/5190 (620:188g)	Seminar in Literature: _____
ENGLISH 4688/5688 (620:126g)	Genre Seminar:_____

Group A: Literature in English to 1800: *		3
ENGLISH 4310/5310 (620:110g)	Old English Language, Literature, and Culture	
ENGLISH 4315/5315 (620:113g)	Early Modern Drama	
ENGLISH 4320/5320 (620:116g)	English Renaissance	
ENGLISH 4325/5325 (620:117g)	18th-Century British Literature	
ENGLISH 4370/5370 (620:144g)	Chaucer	
ENGLISH 4375/5375 (620:148g)	Shakespeare	
ENGLISH 4380/5380 (620:147g)	Milton	
ENGLISH 4410/5410 (620:151g)	Early American Literature	

Group B: Literature in English since 1800: *		3
ENGLISH 4330/5330 (620:118g)	British Romantic Writers	
ENGLISH 4335/5335 (620:119g)	British Victorian Writers	
ENGLISH 4340/5340 (620:156g)	British Novel to 1900	
ENGLISH 4345/5345 (620:120g)	20th-Century British Novel	
ENGLISH 4420/5420 (620:121g)	The American Renaissance	
ENGLISH 4425/5425 (620:123g)	American Realism and Naturalism to WWI	
ENGLISH 4430/5430 (620:153g)	American Poetry to 1914	
ENGLISH 4445/5445 (620:124g)	20th-Century American Novel	
ENGLISH 4602/5602 (620:134g)	Modern/Postmodern Poetry	
ENGLISH 4615/5615 (620:115g)	Modern Drama	

Group C: Literary Theory, Film, Cross-Cultural: *		3
ENGLISH 3144	Genocide in Writing and Film	
ENGLISH 3148	The Holocaust in Literature and Film	
ENGLISH 4110/5110	Environmental Literature	
ENGLISH 4120/5120 (620:128g)	Images of Women in Literature	
ENGLISH 4140/5140 (620:161g)	Literary Criticism	
ENGLISH 4160/5160	Issues in Digital Humanities	
ENGLISH 4310/5310 (620:110g)	Old English Language, Literature, and Culture	
ENGLISH 4540/5540 (620:157g)	African American Literature	
ENGLISH 4560/5560 (620:158g)	Asian American Literature	
ENGLISH 4577/ CAP 3187 (CAP:187)	Blues and Jazz in African American Film and Literature	
ENGLISH 4588/5588	World Literature Seminar: (Topic)	
ENGLISH 4632/5632 (620:172g)	Literary Nonfiction	
ENGLISH 4652/5652 (620:139g)	Film and Literature	
ENGLISH 4660/5660 (620:142g)	Film History	
ENGLISH 4664/5664 (620:182g)	Film Theory and Criticism	
ENGLISH 4672/5672 (620:170g)	Electronic Literature	

Total Hours	48

** The following courses have additional prerequisites: ENGLISH 4765/5765 (620:102g), ENGLISH 4770/5770 (620:104g), and ENGLISH 4775/5775 (620:105g) have prerequisites of MGMT 2080 (150:080) or ENGLISH 2770 (620:077) or consent of instructor.
COMM DM 4735/5735 has prerequisite of COMM DM 2755.

Note: Prerequisites for student teaching in English are a grade point average of 2.50 in English major courses and a grade of C or better in ENGLISH 4980/5980 (620:190g).

Spanish Major

The Spanish major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following

specified major requirements, plus electives to complete the minimum of 120 hours.

Required:

Spanish: a minimum of 33 semester hours in Spanish courses more advanced than SPAN 1002 (780:002) , including:

SPAN 3001 (780:101)	Advanced Writing
or SPAN 3050/5050 (780:150g)	Written Communication
or SPAN 3006	Spanish for Heritage Speakers
SPAN 3004 (780:104)	Introduction to Hispanic Literature
SPAN 3007 (780:107)	Introduction to Translation
SPAN 3008/5008 (780:108g)	Introduction to Spanish Linguistics
SPAN 3012 (780:112)	Survey of Spanish American Literature
or SPAN 3018 (780:118)	Survey of Spanish Literature
SPAN 3031 (780:131)	Topics in Spanish American Literature and Culture:
or SPAN 3035 (780:135)	Topics in Literature and Culture of Spain:

27 hours must be in courses numbered 100/3000-level or higher, and including at least two courses from group A and one course from group B:

Group A:	
SPAN 3020 (780:120)	Latin American Culture and Civilization
SPAN 3023 (780:123)	Culture and Civilization of Spain
SPAN 3027 (780:127)	Latinos in the United States
SPAN 4041/5041 (780:141g)	Hispanic Cultures: Film and Multimedia
SPAN 4046/5046 (780:146g)	Topics in Language and Culture: _____
SPAN 3052/5052 (780:152g)	Contemporary Hispanic Culture
SPAN 4066/5066 (780:166g)	Topics in Literature and Culture: _____
Group B:	
SPAN 4045/5045 (780:145g)	Translation
SPAN 4047/5047 (780:147g)	Structure of Spanish
SPAN 4062/5062 (780:162g)	Spanish American Literature: _____
SPAN 4063/5063 (780:163g)	Peninsular Literature: _____
SPAN 4064/5064 (780:164g)	Hispanic Literature: _____
Total hours	33*

*   This program begins with Spanish 3001 and will require up to eighteen hours of course work beyond the minimum hours required for this major/minor if a student does not demonstrate a proficiency at the fifth semester level.

Spanish Major-Teaching

The Spanish major in Teaching requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements, and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required: a minimum of 38 semester hours as follows:

Methods:		
LANG 4740/5740	Approaches to Language Learning and Teaching	3
LANG 4750	Assessment in Language Learning	3
LANG 4093 (700:193g)	Technology in Language Education	2
SPAN 4091 (780:191)	Practicum in Teaching Spanish	3

Spanish:		
a minimum of 30 semester hours in Spanish courses more advanced than SPAN 1002 (780:002), including:		30
SPAN 3001 (780:101)	Advanced Writing	
or SPAN 3050/5050 (780:150g)	Written Communication	
or SPAN 3006	Spanish for Heritage Speakers	
SPAN 3003 (780:103)	Advanced Conversation and Reading	
or SPAN 3051/5051 (780:151g)	Advanced Oral Communication	
SPAN 3004 (780:104)	Introduction to Hispanic Literature [*]	
SPAN 3007 (780:107)	Introduction to Translation	
SPAN 3008/5008 (780:108g)	Introduction to Spanish Linguistics	
SPAN 3012 (780:112)	Survey of Spanish American Literature	
or SPAN 3018 (780:118)	Survey of Spanish Literature	

at least 27 hours must be in courses numbered 100/3000-level or higher, and including at least two courses from group A and one course from group B:

Group A:	
SPAN 3020 (780:120)	Latin American Culture and Civilization
SPAN 3023 (780:123)	Culture and Civilization of Spain
SPAN 3027 (780:127)	Latinos in the United States
SPAN 3052/5052 (780:152g)	Contemporary Hispanic Culture
SPAN 4041/5041 (780:141g)	Hispanic Cultures: Film and Multimedia

SPAN 4046/5046 (780:146g)	Topics in Language and Culture: _____	
SPAN 4066/5066 (780:166g)	Topics in Literature and Culture: _____	
Group B:		
SPAN 3031 (780:131)	Topics in Spanish American Literature and Culture:	
SPAN 3035 (780:135)	Topics in Literature and Culture of Spain:	
SPAN 4045/5045 (780:145g)	Translation	
SPAN 4047/5047 (780:147g)	Structure of Spanish	
SPAN 4062/5062 (780:162g)	Spanish American Literature: _____	
SPAN 4063/5063 (780:163g)	Peninsular Literature: _____	
SPAN 4064/5064 (780:164g)	Hispanic Literature: _____	
Total hours		41*

*This program begins with SPAN 3001 (780:101)/SPAN 3006 and will require up to eighteen hours of course work beyond the minimum hours required for this major/minor if a student does not demonstrate a proficiency at the fifth semester level.

Teaching English to Speakers of Other Languages (TESOL) Major

The Teaching English to Speakers of Other Languages (TESOL) major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required:

English: literature core-at least one course from each group:		9
Note: ENGLISH 2420 (620:053) may be used for Group B or Group C but not both.		
Group A:		
ENGLISH 2120 (620:034)	Critical Writing About Literature	
Group B:		
ENGLISH 2320 (620:042)	Survey of English Literature I: Beginnings to Early Modernity	
ENGLISH 2420 (620:053)	Survey of American Literature *	
Group C:		
ENGLISH 2340 (620:043)	Survey of English Literature II: Romantics to Post-Colonialism	
ENGLISH 2420 (620:053)	Survey of American Literature *	
ENGLISH 2520 (620:040)	Multicultural Literature	

Select one of the following:		3
ENGLISH 3710/5710	Craft of Creative Nonfiction	
ENGLISH 4770/5770 (620:104g)	Applied Writing: Proposals and Grants	
ENGLISH 4775/5775 (620:105g)	Applied Writing: Technical Communication	
ENGLISH 4920/5920 (620:193g)	The Teaching of Writing	
Complete all of the following:		
LANG 4740/5740	Approaches to Language Learning and Teaching	3
TESOL 4110/5110 (630:130g)	The Structure of English	3
or TESOL 4120/5120 (630:125g)	Introduction to Linguistics	
TESOL 4340/5340 (630:192g)	Problems In Eng Grammar	3
TESOL 4350/5350 (630:154g)	Phonology	3
TESOL 4510/5510 (630:165g)	Language Development	3
TESOL 4540/5540 (630:160g)	Sociolinguistics	3
or TESOL 4520/5520 (630:163g)	Cultural Aspects of Language and Language Teaching	
TESOL 4720/5720 (630:196g)	Bilingual Education in the Public Schools	3
TESOL 4760/5760 (630:194g)	Principles and Practices in Language Teaching	3
Electives in TESOL/Applied Linguistics		3
Electives in literature or TESOL/Applied Linguistics		3
Total Hours		42

Note: International students must have achieved a TOEFL paper-based score of 600 or computer-based score of 250 or the equivalent in order to demonstrate their proficiency in English.

It is strongly recommended that native speakers of English majoring in TESOL programs demonstrate a basic competence in a foreign language either by obtaining at least a C grade in the second semester of a language course or by passing a proficiency examination.

Teaching English to Speakers of Other Languages (TESOL) Major-Teaching

The Teaching English to Speakers of Other Languages (TESOL)-Teaching major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements, the specified major requirements, plus electives to complete the minimum of 120 hours.

Student teaching at both the K-8 and 5-12 levels is required to earn the ESL K-12 endorsement on an Iowa teaching license.

Required:

| **Literature core-at least one course from each group:** | 9 |
| Note: ENGLISH 2420 (620:053) may be used for Group B or Group C but not both. | |

Group A:

English:

ENGLISH 2120 (620:034)	Critical Writing About Literature	

Group B:

ENGLISH 2320 (620:042)	Survey of English Literature I: Beginnings to Early Modernity	
ENGLISH 2420 (620:053)	Survey of American Literature [*]	

Group C:

ENGLISH 2340 (620:043)	Survey of English Literature II: Romantics to Post-Colonialism	
ENGLISH 2420 (620:053)	Survey of American Literature [*]	
ENGLISH 2520 (620:040)	Multicultural Literature	

Writing course: select one of the following: — 3

ENGLISH 3710/5710	Craft of Creative Nonfiction	
ENGLISH 4770/5770 (620:104g)	Applied Writing: Proposals and Grants	
ENGLISH 4775/5775 (620:105g)	Applied Writing: Technical Communication	
ENGLISH 4920/5920 (620:193g)	The Teaching of Writing	

Complete all of the following courses:

Languages:

LANG 4093 (700:193g)	Technology in Language Education	2-3
LANG 4740/5740	Approaches to Language Learning and Teaching	3
LANG 4750	Assessment in Language Learning	3

TESOL/Applied Linguistics:

TESOL 4120/5120 (630:125g)	Introduction to Linguistics	3
or TESOL 4110/5110 (630:130g)	The Structure of English	
TESOL 4540/5540 (630:160g)	Sociolinguistics	3
or TESOL 4520/5520 (630:163g)	Cultural Aspects of Language and Language Teaching	
TESOL 4350/5350 (630:154g)	Phonology	3
TESOL 4510/5510 (630:165g)	Language Development	3
TESOL 4340/5340 (630:192g)	Problems In Eng Grammar	3
TESOL 4720/5720 (630:196g)	Bilingual Education in the Public Schools	3
TESOL 4760/5760 (630:194g)	Principles and Practices in Language Teaching	3

TESOL 4770	Undergraduate TESOL Practicum	3
Total Hours		44-45

Note: International students must have achieved a TOEFL paper-based score of 600 or computer-based score of 250 or the equivalent in order to demonstrate their proficiency in English.

It is strongly recommended that native speakers of English majoring in TESOL programs demonstrate a basic competence in a foreign language either by obtaining at least a C grade in the second semester of a language course or by passing a proficiency examination.

Note: Teaching English to Speakers of Other Languages (TESOL) teaching majors will be waived from INSTTECH 1020 (240:020) Secondary Educational Technology and Design (Professional Education Requirements). A student changing to a different education major from TESOL teaching may be required to complete INSTTECH 1020 (240:020) Secondary Educational Technology and Design or INSTTECH 1031 (240:031) Educational Technology and Design, depending upon the new major.

TESOL/Modern Language Major-Teaching *(Extended Program)*

The TESOL/Modern Language Major-Teaching requires a minimum of 131-132 total hours to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements, and the following specified major requirements to complete the minimum of 131-132 hours.

Student teaching at both the K-8 and 5-12 levels is required to earn the ESL K-12 endorsement on an Iowa teaching license.

Required:

Select one of the following: — 3

English:

ENGLISH 2120 (620:034)	Critical Writing About Literature	
ENGLISH 4770/5770 (620:104g)	Applied Writing: Proposals and Grants	
ENGLISH 4920/5920 (620:193g)	The Teaching of Writing	
SPAN 3003 (780:103)	Advanced Conversation and Reading	

Pedagogy Component--complete all of the following:

Language:

LANG 4093 (700:193g)	Technology in Language Education	2-3
LANG 4740/5740	Approaches to Language Learning and Teaching	3
LANG 4750	Assessment in Language Learning	3

TESOL Component--complete all of the following:

TESOL 4120/5120 (630:125g)	Introduction to Linguistics	3
or TESOL 4110/5110 (630:130g)	The Structure of English	
TESOL 4340/5340 (630:192g)	Problems In Eng Grammar	3

TESOL 4350/5350 (630:154g)	Phonology	3
TESOL 4510/5510 (630:165g)	Language Development	3
TESOL 4520/5520 (630:163g)	Cultural Aspects of Language and Language Teaching	3
or TESOL 4540/5540 (630:160g)	Sociolinguistics	
TESOL 4720/5720 (630:196g)	Bilingual Education in the Public Schools	3
TESOL 4760/5760 (630:194g)	Principles and Practices in Language Teaching	3
TESOL 4770	Undergraduate TESOL Practicum	3
Select one language emphasis below (note: the French, German, and Russian Emphases are currently suspended and may not be selected at this time)		
Total Hours		35-36

Emphases

French

French Emphasis:		
Languages:		
LANG 4093 (700:193g)	Technology in Language Education	2-3
French:		
FREN 2001 (720:011)	Intermediate French Language and Culture	3
FREN 2002 (720:051)	Composition	3
FREN 2011 (720:012)	Intermediate French Communication Practice	1-2
FREN 2012 (720:061)	Conversation	2
FREN 3001/5001 (720:101g)	Advanced Composition	3
FREN 3004 (720:104)	Introduction to French Literature	3
FREN 4005/5005 (720:105g)	Stylistics	3
FREN 4024/5024 (720:124g)	French Civilization	3
or FREN 4025/5025 (720:125g)	Contemporary France	
FREN 4091 (720:191)	Practicum in Teaching French	2
At least one French literature course; and electives in French more advanced than FREN 1002 (720:002) and FREN 1012 (720:004).		

German

German Emphasis:		
Languages:		
LANG 4093 (700:193g)	Technology in Language Education	2-3
German:		

GER 2001 (740:011)	German Language and Culture III	3
GER 2011 (740:012)	German Communication Practice III	2
GER 2002 (740:013)	German Language and Culture IV	3
GER 2012 (740:014)	German Communication Practice IV	2
GER 3001/5001 (740:101g)	German Writing Practice	3
GER 3003/5003 (740:103g)	German Conversation	3
GER 4091 (740:191)	Practicum in Teaching German	2
At least one German literature course and electives in German more advanced than GER 1002 (740:002) and GER 1012 (740:004).		

Spanish

Spanish Emphasis		
Note: this Emphasis begins with SPAN 2002 (780:055) and will require up to 15 hours of coursework beyond the minimum hours required for this Emphasis if a student does not qualify for enrollment in SPAN 2002 (780:055).		
Spanish:		
SPAN 2002 (780:055)	Oral and Written Spanish	3
SPAN 3001 (780:101)	Advanced Writing	3
or SPAN 3006	Spanish for Heritage Speakers	
or SPAN 3050/5050 (780:150g)	Written Communication	
SPAN 3004 (780:104)	Introduction to Hispanic Literature	3
SPAN 3007 (780:107)	Introduction to Translation	3
SPAN 3008/5008 (780:108g)	Introduction to Spanish Linguistics	2-3
Select one of the following:		3
SPAN 3020 (780:120)	Latin American Culture and Civilization	
SPAN 3023 (780:123)	Culture and Civilization of Spain	
SPAN 3027 (780:127)	Latinos in the United States	
SPAN 3052/5052 (780:152g)	Contemporary Hispanic Culture	
SPAN 4045/5045 (780:145g)	Translation	2-3
or SPAN 4046/5046 (780:146g)	Topics in Language and Culture: _____	
or SPAN 4047/5047 (780:147g)	Structure of Spanish	
SPAN 4091 (780:191)	Practicum in Teaching Spanish	3

Note: International students must have achieved a TOEFL paper-based score of 600 or computer-based score of 250 or the equivalent.

Note: TESOL/Modern Language teaching majors will be waived from INSTTECH 1020 (240:020) Secondary Educational Technology and Design (Professional Education Requirements). A student changing to a different education major from TESOL/Modern

Languages teaching may be required to complete INSTTECH 1020 (240:020) Secondary Educational Technology and Design or INSTTECH 1031 (240:031) Educational Technology and Design, depending upon the new major.

Minors

English Minor

Choose ONE option - 21 or 24 hours

Film Studies Option

Required:

English:

ENGLISH 2650 (620:035)	Introduction to Film	3
ENGLISH 4652/5652 (620:139g)	Film and Literature	3
ENGLISH 4660/5660 (620:142g)	Film History	3
ENGLISH 4664/5664 (620:182g)	Film Theory and Criticism	3
English prefix courses in print or film literature		3-12
Electives in film or media production from departments other than English		0-9
Elective in a studio or performance course in art, music or theatre (including interpreters theatre)		0-3
Total hours 24		

Literary Studies Option

Required:

ENGLISH 2120 (620:034)	Critical Writing About Literature	3
At least one of the following courses (3-12 units)		3-12
ENGLISH 2320 (620:042)	Survey of English Literature I: Beginnings to Early Modernity	
ENGLISH 2340 (620:043)	Survey of English Literature II: Romantics to Post-Colonialism	
ENGLISH 2420 (620:053)	Survey of American Literature	
ENGLISH 2520 (620:040)	Multicultural Literature	
Additional ENGLISH-prefix print literature courses (3-15 units)		15-3
ENGLISH/CAP 3144	Genocide in Writing and Film	
ENGLISH/CAP 3148	The Holocaust in Literature and Film	
ENGLISH 3159/4159 (Experimental course)		
ENGLISH 3186/4186 "Studies in"		
ENGLISH 4110/5110	Environmental Literature	
ENGLISH 4120/5120 (620:128g)	Images of Women in Literature	
ENGLISH 4140/5140 (620:161g)	Literary Criticism	

ENGLISH 4160/5160	Issues in Digital Humanities
ENGLISH 4188/5188 (620:150g)	Author Seminar: _____
ENGLISH 4190/5190 (620:188g)	Seminar in Literature: _____
ENGLISH 4310/5310 (620:110g)	Old English Language, Literature, and Culture
ENGLISH 4315/5315 (620:113g)	Early Modern Drama
ENGLISH 4320/5320 (620:116g)	English Renaissance
ENGLISH 4325/5325 (620:117g)	18th-Century British Literature
ENGLISH 4330/5330 (620:118g)	British Romantic Writers
ENGLISH 4335/5335 (620:119g)	British Victorian Writers
ENGLISH 4340/5340 (620:156g)	British Novel to 1900
ENGLISH 4345/5345 (620:120g)	20th-Century British Novel
ENGLISH 4370/5370 (620:144g)	Chaucer
ENGLISH 4375/5375 (620:148g)	Shakespeare
ENGLISH 4380/5380 (620:147g)	Milton
ENGLISH 4410/5410 (620:151g)	Early American Literature
ENGLISH 4420/5420 (620:121g)	The American Renaissance
ENGLISH 4425/5425 (620:123g)	American Realism and Naturalism to WWI
ENGLISH 4430/5430 (620:153g)	American Poetry to 1914
ENGLISH 4445/5445 (620:124g)	20th-Century American Novel
ENGLISH 4540/5540 (620:157g)	African American Literature
ENGLISH 4560/5560 (620:158g)	Asian American Literature
ENGLISH 4577/ CAP 3187 (CAP:187)	Blues and Jazz in African American Film and Literature
ENGLISH 4588/5588	World Literature Seminar: (Topic)
ENGLISH 4602/5602 (620:134g)	Modern/Postmodern Poetry
ENGLISH 4615/5615 (620:115g)	Modern Drama
ENGLISH 4632/5632 (620:172g)	Literary Nonfiction
ENGLISH 4652/5652 (620:139g)	Film and Literature
ENGLISH 4660/5660 (620:142g)	Film History

ENGLISH 4664/5664 (620:182g)	Film Theory and Criticism	
ENGLISH 4672/5672 (620:170g)	Electronic Literature	
ENGLISH 4688/5688 (620:126g)	Genre Seminar:_____	
option: an ENGLISH-prefix course in film, creative writing, or professional writing (0-3 units)		0-3
option: one of the following courses in TESOL/Applied Linguistics (0-3 units)		0-3
TESOL 4110/5110 (630:130g)	The Structure of English	
TESOL 4120/5120 (630:125g)	Introduction to Linguistics	
TESOL 4140/5140 (630:143g)	History of the English Language	
TESOL 4310/5310 (630:195g)	Modern English Grammar and Usage	
Total hours		21

English Minor-Teaching

Required:

English:

ENGLISH 2120 (620:034)	Critical Writing About Literature	3
ENGLISH 2520 (620:040)	Multicultural Literature	3
ENGLISH 2320 (620:042)	Survey of English Literature I: Beginnings to Early Modernity	3
ENGLISH 2340 (620:043)	Survey of English Literature II: Romantics to Post-Colonialism	3
ENGLISH 2420 (620:053)	Survey of American Literature	3
TESOL/Applied Linguistics:		
TESOL 4110/5110 (630:130g)	The Structure of English	3
Literacy Education:		
LITED 4117/5117 (230:117g)	Methods of Teaching Content Literacy at the Middle and Secondary Levels	3
Communication:		
COMM 1000 (48C:001)	Oral Communication	3
Languages and Literatures:		
ENGLISH 4940/5940 (620:165g)	Literature for Young Adults	3
ENGLISH 4980/5980 (620:190g)	The Teaching of English	3
ENGLISH 4920/5920 (620:193g)	The Teaching of Writing	3
Total Hours		33

A minimum cumulative grade point average of 2.40 in courses taken to complete this minor is required.

Interdisciplinary Language Studies Minor: French

The Interdisciplinary Language Studies Minor: French is designed to provide students with the opportunity to gain knowledge in French language, history, literature, business, and culture that will complement the work they are doing in their major field of study. It is particularly appropriate for students majoring in content areas such as art history, history, vocal music, international business, geography, and global studies as it will enrich their content knowledge and offer a global perspective on their subject.

French courses required:

FREN 2001 (720:011)	Intermediate French Language and Culture	3
FREN 2002 (720:051)	Composition	3
FREN 3001/5001 (720:101g)	Advanced Composition	3
French electives: Literature, Language, and Culture courses:		6-9
FREN 2011 (720:012)	Intermediate French Communication Practice	
FREN 3003/5003 (720:103g)	Advanced Conversation	
FREN 3004 (720:104)	Introduction to French Literature	
FREN 3011/5011 (720:111g)	Business French	
FREN 3085/5085 (720:185g)	Introduction to Translation	
FREN 4005/5005 (720:105g)	Stylistics	
FREN 4014/5014 (720:114g)	The World of French Business	
FREN 4021/5021 (720:121g)	Special Topics in Language and Culture	
FREN 4022/5022 (720:122g)	Special Topics in French Literature	
FREN 4081/5081 (720:181g)	Advanced Business French	
Electives in other fields:		3-6
Art:		
ARTHIST 1111 (600:040)	Survey of Art History I	
ARTHIST 1222 (600:041)	Survey of Art History II	
ARTHIST 4040/5040 (600:145g)	Medieval Art	
ARTHIST 4302/5302 (600:148g)	Northern Renaissance Art	
ARTHIST 4310/5310 (600:144g)	17th and 18th Century Art	
ARTHIST 4320/5320 (600:146g)	19th Century Western Art	
ARTHIST 4350/5350 (600:151g)	Early 20th Century Art	
ARTHIST 4362/5362 (600:152g)	Late 20th Century and Contemporary Art	

Geography:		
GEOG 4110/5110 (970:111g)	Cultural Geography	
History:		
HISEUA 4360/5360 (962:158g)	Age of Absolutism and the Enlightenment	
HISEUB 4510/5510 (963:155g)	Europe from the French Revolution to World War I	
HISEUB 4620/5620 (963:174g)	History of Modern France	
Music:		
MUS HIST 1010 (590:001)	History of Music I: Antiquity Through Renaissance [*]	
MUS HIST 1020 (590:002)	History of Music II: Baroque and Classical [*]	
MUS HIST 1030 (590:003)	History of Music III: Romantic, Twentieth, and Twenty-First Centuries [*]	
Philosophy/Religion:		
PHIL 2230	The Age of Reason: Philosophy in the Renaissance and Enlightenment	
PHIL 3330	Death, Sex and the Body: Phenomenology and Foucault	
PHIL/RELS 3340	Existentialism	
Total [**]		21

[*]   Multiple years of previus study and the ability to read music in all clefs is required.

[**]   Note: This program begins with FREN 2001 (720:011). Students should already have taken the following courses or their equivalents: FREN 1001 (720:001), FREN 1011 (720:003), FREN 1002 (720:002), and FREN 1012 (720:004). This minor will require up to six hours of course work beyond the minimum hours required for this minor if a student does not demonstrate a proficiency at the third semester level.

Spanish Minor

Required:

Spanish:		
SPAN 3001 (780:101)	Advanced Writing	3
or SPAN 3050/5050 (780:150g)	Written Communication	
or SPAN 3006	Spanish for Heritage Speakers	
3 hours in Spanish courses more advanced than SPAN 3001 (780:101)		3
15-17 hours in Spanish in courses more advanced than SPAN 1002 (780:002)		15-17
Total hours		21-23*

*This program begins with Spanish 3001 and will require up to eighteen hours of course work beyond the minimum hours required for

this major/minor if a student does not demonstrate a proficiency at the fifth semester level.

Spanish Minor-Teaching

Required:

Methods:		11-12
LANG 4740/5740	Approaches to Language Learning and Teaching	
LANG 4750	Assessment in Language Learning	
LANG 4093 (700:193g)	Technology in Language Education	
SPAN 4091 (780:191)	Practicum in Teaching Spanish	
Spanish:		
SPAN 3001 (780:101)	Advanced Writing	3
or SPAN 3050/5050 (780:150g)	Written Communication	
or SPAN 3006	Spanish for Heritage Speakers	
3 hours in Spanish in courses more advanced than SPAN 3001 (780:101)		3
14-15 hours in Spanish in courses more advanced than SPAN 1002 (780:002)		14-15
Total hours		32*

*This program begins with Spanish 3001 and will require up to eighteen hours of course work beyond the minimum hours required for this major/minor if a student does not demonstrate a proficiency at the fifth semester level.

Spanish/English Translation Minor

Required:

SPAN 3001 (780:101)	Advanced Writing	3
or SPAN 3050/5050 (780:150g)	Written Communication	
or SPAN 3006	Spanish for Heritage Speakers	
SPAN 3007 (780:107)	Introduction to Translation	3
SPAN 3008/5008 (780:108g)	Introduction to Spanish Linguistics	3
SPAN 4045/5045 (780:145g)	Translation	3
One course from the following:		3
TESOL 4110/5110 (630:130g)	The Structure of English	
TESOL 4310/5310 (630:195g)	Modern English Grammar and Usage	
TESOL 4340/5340 (630:192g)	Problems In Eng Grammar	
One course from the following:		3
SPAN 3020 (780:120)	Latin American Culture and Civilization	
SPAN 3023 (780:123)	Culture and Civilization of Spain	
SPAN 3027 (780:127)	Latinos in the United States	
SPAN 3052/5052 (780:152g)	Contemporary Hispanic Culture	

The minimum passing grade is B-.

Total Hours	18

Teaching English to Speakers of Other Languages (TESOL) Minor

Required:

Languages

LANG 4740/5740	Approaches to Language Learning and Teaching	3

TESOL/Applied Linguistics:

TESOL 4120/5120 (630:125g)	Introduction to Linguistics	3
or TESOL 4110/5110 (630:130g)	The Structure of English	
TESOL 4350/5350 (630:154g)	Phonology	3
TESOL 4540/5540 (630:160g)	Sociolinguistics	3
or TESOL 4520/5520 (630:163g)	Cultural Aspects of Language and Language Teaching	
TESOL 4510/5510 (630:165g)	Language Development	3
TESOL 4340/5340 (630:192g)	Problems In Eng Grammar	3
TESOL 4720/5720 (630:196g)	Bilingual Education in the Public Schools	3
TESOL 4760/5760 (630:194g)	Principles and Practices in Language Teaching	3
Total Hours		24

Teaching English to Speakers of Other Languages (TESOL) Minor-Teaching

Required:

Languages:

LANG 4740/5740	Approaches to Language Learning and Teaching	3

TESOL/Applied Linguistics:

TESOL 4120/5120 (630:125g)	Introduction to Linguistics	3
or TESOL 4110/5110 (630:130g)	The Structure of English	
TESOL 4340/5340 (630:192g)	Problems In Eng Grammar	3
TESOL 4350/5350 (630:154g)	Phonology	3
TESOL 4510/5510 (630:165g)	Language Development	3
TESOL 4540/5540 (630:160g)	Sociolinguistics	3
or TESOL 4520/5520 (630:163g)	Cultural Aspects of Language and Language Teaching	
TESOL 4720/5720 (630:196g)	Bilingual Education in the Public Schools	3

TESOL 4760/5760 (630:194g)	Principles and Practices in Language Teaching	3
Total Hours		24

Note: To earn the ESL K-12 endorsement on an Iowa teaching license, student teaching in ESL classrooms at both the K-8 and 5-12 levels is required.

Writing Minor

Required:

Choose ONE option - 18 or 21-24 hours

1. Creative Writing Option

English:

ENGLISH 1120 (620:031)	Literature: (topic)	3
or ENGLISH 2120 (620:034)	Critical Writing About Literature	
ENGLISH 2700	Elements of Creative Writing	3
two or three of the following "Craft" courses:		**6 - 9**
ENGLISH 3710/5710	Craft of Creative Nonfiction	
ENGLISH 3715/5715	Craft of Poetry	
ENGLISH 3725/5725	Craft of Fiction	
1 or 2 of the following "Workshop" courses:		**3-6**
ENGLISH 4730/5730	Creative Nonfiction Workshop	
ENGLISH 4740/5740 (620:174g)	Poetry Workshop	
ENGLISH 4750/5750 (620:175g)	Fiction Workshop	
Optional elective: a studio or performance course in art, music, or theatre		0-3
Optional elective: a course in editing, writing, translation or literature		0-3
Total: Minimum 18 units		

*   ENGLISH 4780/5780 (620:107g) has prerequisite of ENGLISH 2770 (620:077) or consent of instructor.

2. Professional Writing Option

English:

ENGLISH 2770 (620:077)	Introduction to Professional Writing	3
ENGLISH 4765/5765 (620:102g)	Applied Writing: Workplace Communication	3
ENGLISH 4775/5775 (620:105g)	Applied Writing: Technical Communication	3
ENGLISH 4780/5780 (620:107g)	Professional Editing	3
ENGLISH 4025/5025 (620:163g)	Theory and Practice of Writing	3
or ENGLISH 4040/5040 (620:164g)	Digital Writing: Theory and Practice	
ENGLISH 4785/5785 (620:177g)	Applied Writing: Projects, Grants and Careers	3

Total hours	18

Master of Arts Degree Programs
Major in English

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Languages and Literatures for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major in English is available on the **thesis** and **non-thesis** options, and degree applicants choose one of three emphases (see below). Both the **thesis** and the **non-thesis** options require a **minimum of 30 or 36 semester hours**, depending on the emphasis chosen. **A minimum of 15 hours of 200/6000-level course work is required for each option.**

The three emphases are the following:

1. **Literature Emphasis**, minimum 30 semester hours - available on both **thesis** and **non-thesis** options;

2. **English Studies Emphasis**, minimum 30 semester hours - available on both **thesis** and **non-thesis** options;

3. **Creative Writing Emphasis**, minimum 36 semester hours - available on **thesis** option only.

Graduate students are required to meet with the English Graduate Coordinator each semester for planning and approval of the courses within one's Program of Study. The department may require an applicant to complete course work in addition to the minimum hours specified for the selected option and emphasis. More information about this program approval process is available from the English Graduate Coordinator.

Successful completion of a final written and oral comprehensive examination is required for **both the thesis and non-thesis options**. In addition, students pursuing the **non-thesis** option are required to submit a Graduate Student Portfolio and complete an approved research paper. See the English Graduate Coordinator for details.

Native speakers of English must demonstrate proficiency in another language by earning at least a C grade in a second-semester, college-level course or by passing a specially designed examination. Course work taken to satisfy this foreign language requirement does not count toward the number of hours required for completion of the degree major.

For full admission, non-native English speakers must have achieved a Test of English as a Foreign Language (TOEFL) score of 600 (paper-based)/250 (computer-based), or the equivalent IELTS score, in order to demonstrate their proficiency in English. A student may be required to take additional English language improvement courses at the discretion of the English Graduate Faculty. Work taken to satisfy the language proficiency requirement does not count toward the minimum of 30 to 36 semester hours required to complete the selected emphasis.

Individuals teaching in Iowa community colleges are not required to hold state issued teaching licenses. However, graduate course work in postsecondary education may strengthen one's qualifications for teaching at a community college. Contact individual colleges to determine the requirements for teaching appointments at each institution.

Literature Emphasis: Available on both the thesis and non-thesis options.

Required:

Languages and Literatures:

ENGLISH 6100 (620:201)	Introduction to Graduate Study in English	3
	Electives, including the required literature electives, are planned with the English Graduate Coordinator; they must include 12 hours of 200/6000-level courses in addition to ENGLISH 6100 (620:201) (including 6 hours of ENGLISH 6299 (620:299) required for thesis option; no more than 3 hours of ENGLISH 6299 (620:299) may be used for the non-thesis option)	
English Literature electives selected from the following:		21
ENGLISH 4110/5110	Environmental Literature	
ENGLISH 4120/5120 (620:128g)	Images of Women in Literature	
ENGLISH 4140/5140 (620:161g)	Literary Criticism	
ENGLISH 4160/5160	Issues in Digital Humanities	
ENGLISH 4188/5188 (620:150g)	Author Seminar: _____	
ENGLISH 4190/5190 (620:188g)	Seminar in Literature: _____	
ENGLISH 4310/5310 (620:110g)	Old English Language, Literature, and Culture	
ENGLISH 4315/5315 (620:113g)	Early Modern Drama	
ENGLISH 4320/5320 (620:116g)	English Renaissance	
ENGLISH 4325/5325 (620:117g)	18th-Century British Literature	
ENGLISH 4330/5330 (620:118g)	British Romantic Writers	
ENGLISH 4335/5335 (620:119g)	British Victorian Writers	
ENGLISH 4340/5340 (620:156g)	British Novel to 1900	
ENGLISH 4345/5345 (620:120g)	20th-Century British Novel	
ENGLISH 4370/5370 (620:144g)	Chaucer	
ENGLISH 4375/5375 (620:148g)	Shakespeare	
ENGLISH 4380/5380 (620:147g)	Milton	

ENGLISH 4410/5410 (620:151g)	Early American Literature	
ENGLISH 4420/5420 (620:121g)	The American Renaissance	
ENGLISH 4425/5425 (620:123g)	American Realism and Naturalism to WWI	
ENGLISH 4430/5430 (620:153g)	American Poetry to 1914	
ENGLISH 4445/5445 (620:124g)	20th-Century American Novel	
ENGLISH 4540/5540 (620:157g)	African American Literature	
ENGLISH 4560/5560 (620:158g)	Asian American Literature	
ENGLISH 4602/5602 (620:134g)	Modern/Postmodern Poetry	
ENGLISH 4588/5588	World Literature Seminar: (Topic)	
ENGLISH 4615/5615 (620:115g)	Modern Drama	
ENGLISH 4632/5632 (620:172g)	Literary Nonfiction	
ENGLISH 4652/5652 (620:139g)	Film and Literature	
ENGLISH 4660/5660 (620:142g)	Film History	
ENGLISH 4664/5664 (620:182g)	Film Theory and Criticism	
ENGLISH 4672/5672 (620:170g)	Electronic Literature	
ENGLISH 4688/5688 (620:126g)	Genre Seminar:_____	
ENGLISH 6110 (620:204)	Topics in Literary Criticism	
ENGLISH 6120 (620:206)	Feminist Literary Theories and Practice	
ENGLISH 6140 (620:208)	Contemporary Literary Theory	
ENGLISH 6188 (620:284)	Seminar in Literature	
ENGLISH 6310 (620:220)	Medieval English Literature	
ENGLISH 6320 (620:221)	English Renaissance Literature	
ENGLISH 6330 (620:223)	Restoration and 18th Century English Literature	
ENGLISH 6340	19th Century English Literature	
ENGLISH 6350 (620:226)	Modern English Literature	
ENGLISH 6420 (620:231)	American Romantic Literature	
ENGLISH 6430 (620:232)	Issues in American Literature, 1865-1914	
ENGLISH 6450 (620:234)	Modern American Literature	

ENGLISH 6540 (620:260)	Contemporary Literature	
English electives selected from the following:		6
ENGLISH 3710/5710	Craft of Creative Nonfiction	
ENGLISH 3715/5715	Craft of Poetry	
ENGLISH 3725/5725	Craft of Fiction	
ENGLISH 4025/5025 (620:163g)	Theory and Practice of Writing	
ENGLISH 4040/5040 (620:164g)	Digital Writing: Theory and Practice	
ENGLISH 4110/5110	Environmental Literature	
ENGLISH 4120/5120 (620:128g)	Images of Women in Literature	
ENGLISH 4140/5140 (620:161g)	Literary Criticism	
ENGLISH 4188/5188 (620:150g)	Author Seminar: _____	
ENGLISH 4160/5160	Issues in Digital Humanities	
ENGLISH 4190/5190 (620:188g)	Seminar in Literature: _____	
ENGLISH 4310/5310 (620:110g)	Old English Language, Literature, and Culture	
ENGLISH 4315/5315 (620:113g)	Early Modern Drama	
ENGLISH 4320/5320 (620:116g)	English Renaissance	
ENGLISH 4325/5325 (620:117g)	18th-Century British Literature	
ENGLISH 4330/5330 (620:118g)	British Romantic Writers	
ENGLISH 4335/5335 (620:119g)	British Victorian Writers	
ENGLISH 4340/5340 (620:156g)	British Novel to 1900	
ENGLISH 4345/5345 (620:120g)	20th-Century British Novel	
ENGLISH 4370/5370 (620:144g)	Chaucer	
ENGLISH 4375/5375 (620:148g)	Shakespeare	
ENGLISH 4380/5380 (620:147g)	Milton	
ENGLISH 4410/5410 (620:151g)	Early American Literature	
ENGLISH 4420/5420 (620:121g)	The American Renaissance	
ENGLISH 4425/5425 (620:123g)	American Realism and Naturalism to WWI	
ENGLISH 4430/5430 (620:153g)	American Poetry to 1914	
ENGLISH 4445/5445 (620:124g)	20th-Century American Novel	
ENGLISH 4540/5540 (620:157g)	African American Literature	
ENGLISH 4560/5560 (620:158g)	Asian American Literature	

ENGLISH 4588/5588	World Literature Seminar: (Topic)	
ENGLISH 4602/5602 (620:134g)	Modern/Postmodern Poetry	
ENGLISH 4615/5615 (620:115g)	Modern Drama	
ENGLISH 4632/5632 (620:172g)	Literary Nonfiction	
ENGLISH 4652/5652 (620:139g)	Film and Literature	
ENGLISH 4660/5660 (620:142g)	Film History	
ENGLISH 4664/5664 (620:182g)	Film Theory and Criticism	
ENGLISH 4672/5672 (620:170g)	Electronic Literature	
ENGLISH 4688/5688 (620:126g)	Genre Seminar:_____	
ENGLISH 4730/5730	Creative Nonfiction Workshop	
ENGLISH 4740/5740 (620:174g)	Poetry Workshop	
ENGLISH 4750/5750 (620:175g)	Fiction Workshop	
ENGLISH 4765/5765 (620:102g)	Applied Writing: Workplace Communication	
ENGLISH 4770/5770 (620:104g)	Applied Writing: Proposals and Grants	
ENGLISH 4775/5775 (620:105g)	Applied Writing: Technical Communication	
ENGLISH 4780/5780 (620:107g)	Professional Editing	
ENGLISH 4785/5785 (620:177g)	Applied Writing: Projects, Grants and Careers	
ENGLISH 4790/5790 (620:197g)	Professional Writing Practicum: _____,Professional Writing Practicum: Workplace Communication	
ENGLISH 4990/5990 (620:195g)	Seminar in Teaching College Writing	
ENGLISH 6110 (620:204)	Topics in Literary Criticism	
ENGLISH 6120 (620:206)	Feminist Literary Theories and Practice	
ENGLISH 6140 (620:208)	Contemporary Literary Theory	
ENGLISH 6188 (620:284)	Seminar in Literature	
ENGLISH 6310 (620:220)	Medieval English Literature	
ENGLISH 6320 (620:221)	English Renaissance Literature	
ENGLISH 6340	19th Century English Literature	
ENGLISH 6350 (620:226)	Modern English Literature	

ENGLISH 6420 (620:231)	American Romantic Literature	
ENGLISH 6430 (620:232)	Issues in American Literature, 1865-1914	
ENGLISH 6450 (620:234)	Modern American Literature	
ENGLISH 6540 (620:260)	Contemporary Literature	
ENGLISH 6720 (620:270)	Graduate Creative Writing Workshop	
ENGLISH 6980 (620:291)	Seminar in the Teaching of English	
Total hours, thesis or non-thesis option		30

Optional: up to 6 additional hours to complete a specialty area or a program certificate, subject to the approval of the student's advisor and the English Graduate Coordinator

English Studies Emphasis: Available on both the **thesis** and **non-thesis** options.

Required:

ENGLISH 6100 (620:201)	Introduction to Graduate Study in English	3
English electives:		27

These electives are planned with the English Graduate Coordinator: must include 12 hours of 200/6000-level courses in addition to ENGLISH 6100 (620:201) (including 6 hours of ENGLISH 6299 (620:299) required for the thesis option; no more than 3 hours of ENGLISH 6299 (620:299) may be used for the non-thesis option).

ENGLISH 3710/5710	Craft of Creative Nonfiction	
ENGLISH 3715/5715	Craft of Poetry	
ENGLISH 3725/5725	Craft of Fiction	
ENGLISH 4025/5025 (620:163g)	Theory and Practice of Writing	
ENGLISH 4040/5040 (620:164g)	Digital Writing: Theory and Practice	
ENGLISH 4110/5110	Environmental Literature	
ENGLISH 4120/5120 (620:128g)	Images of Women in Literature	
ENGLISH 4140/5140 (620:161g)	Literary Criticism	
ENGLISH 4160/5160	Issues in Digital Humanities	
ENGLISH 4188/5188 (620:150g)	Author Seminar: _____	
ENGLISH 4190/5190 (620:188g)	Seminar in Literature: _____	
ENGLISH 4310/5310 (620:110g)	Old English Language, Literature, and Culture	
ENGLISH 4315/5315 (620:113g)	Early Modern Drama	
ENGLISH 4320/5320 (620:116g)	English Renaissance	
ENGLISH 4325/5325 (620:117g)	18th-Century British Literature	

ENGLISH 4330/5330 (620:118g)	British Romantic Writers
ENGLISH 4335/5335 (620:119g)	British Victorian Writers
ENGLISH 4340/5340 (620:156g)	British Novel to 1900
ENGLISH 4345/5345 (620:120g)	20th-Century British Novel
ENGLISH 4370/5370 (620:144g)	Chaucer
ENGLISH 4375/5375 (620:148g)	Shakespeare
ENGLISH 4380/5380 (620:147g)	Milton
ENGLISH 4410/5410 (620:151g)	Early American Literature
ENGLISH 4420/5420 (620:121g)	The American Renaissance
ENGLISH 4425/5425 (620:123g)	American Realism and Naturalism to WWI
ENGLISH 4430/5430 (620:153g)	American Poetry to 1914
ENGLISH 4445/5445 (620:124g)	20th-Century American Novel
ENGLISH 4540/5540 (620:157g)	African American Literature
ENGLISH 4560/5560 (620:158g)	Asian American Literature
ENGLISH 4588/5588	World Literature Seminar: (Topic)
ENGLISH 4602/5602 (620:134g)	Modern/Postmodern Poetry
ENGLISH 4615/5615 (620:115g)	Modern Drama
ENGLISH 4632/5632 (620:172g)	Literary Nonfiction
ENGLISH 4652/5652 (620:139g)	Film and Literature
ENGLISH 4660/5660 (620:142g)	Film History
ENGLISH 4664/5664 (620:182g)	Film Theory and Criticism
ENGLISH 4672/5672 (620:170g)	Electronic Literature
ENGLISH 4688/5688 (620:126g)	Genre Seminar:_____
ENGLISH 4730/5730	Creative Nonfiction Workshop
ENGLISH 4740/5740 (620:174g)	Poetry Workshop
ENGLISH 4750/5750 (620:175g)	Fiction Workshop
ENGLISH 4765/5765 (620:102g)	Applied Writing: Workplace Communication
ENGLISH 4770/5770 (620:104g)	Applied Writing: Proposals and Grants

ENGLISH 4775/5775 (620:105g)	Applied Writing: Technical Communication	
ENGLISH 4780/5780 (620:107g)	Professional Editing	
ENGLISH 4785/5785 (620:177g)	Applied Writing: Projects, Grants and Careers	
ENGLISH 4790/5790 (620:197g)	Professional Writing Practicum: _____,Professional Writing Practicum: Workplace Communication	
ENGLISH 4990/5990 (620:195g)	Seminar in Teaching College Writing	
ENGLISH 6110 (620:204)	Topics in Literary Criticism	
ENGLISH 6120 (620:206)	Feminist Literary Theories and Practice	
ENGLISH 6140 (620:208)	Contemporary Literary Theory	
ENGLISH 6188 (620:284)	Seminar in Literature	
ENGLISH 6310 (620:220)	Medieval English Literature	
ENGLISH 6320 (620:221)	English Renaissance Literature	
ENGLISH 6340	19th Century English Literature	
ENGLISH 6350 (620:226)	Modern English Literature	
ENGLISH 6420 (620:231)	American Romantic Literature	
ENGLISH 6430 (620:232)	Issues in American Literature, 1865-1914	
ENGLISH 6450 (620:234)	Modern American Literature	
ENGLISH 6540 (620:260)	Contemporary Literature	
ENGLISH 6720 (620:270)	Graduate Creative Writing Workshop	
ENGLISH 6980 (620:291)	Seminar in the Teaching of English	
Total hours, thesis or non-thesis option		30

Optional: up to 6 additional hours to complete a specialty area or a program certificate, subject to the approval of the student's advisor and the English Graduate Coordinator.

Creative Writing Emphasis: Available on the thesis option only.

Required:

Languages and Literatures:

ENGLISH 6100 (620:201)	Introduction to Graduate Study in English	3
3 to 6 hours of the following "Craft" courses:		3-6
ENGLISH 3710/5710	Craft of Creative Nonfiction	
ENGLISH 3715/5715	Craft of Poetry	

ENGLISH 3725/5725	Craft of Fiction	
6 to 12 hours of the following "Workshop" courses: [*]		6-12
ENGLISH 4730/5730	Creative Nonfiction Workshop	
ENGLISH 4740/5740 (620:174g)	Poetry Workshop	
ENGLISH 4750/5750 (620:175g)	Fiction Workshop	
ENGLISH 6720 (620:270)	Graduate Creative Writing Workshop	
Research:		
ENGLISH 6299 (620:299)	Research	6
English Literature electives (planned with graduate coordinator) must include 6 hours of 200/6000-level courses		12-15
Optional: Elective in literature, writing, or culture from a department other than English or a non-literature course from English		0-3
Total hours		36

[*]   A total of at least 12 hours is required from ENGLISH 3710/5710, ENGLISH 3715/5715, ENGLISH 3725/5725, ENGLISH 4730/5730, ENGLISH 4740/5740 (620:174g), ENGLISH 4750/5750 (620:175g), and ENGLISH 6720 (620:270).

The required thesis shall consist of a collection of short stories, a novel or novel excerpt, a collection of poems, a book-length poem, or a combination of fiction and poetry. Critical apparatuses - such as prologue, introduction, epilogue, notes, bibliography - are not required within the thesis. A formal oral defense of the thesis is required, and a public reading of selected portions of the thesis is recommended.

Major in Spanish

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Languages and Literatures for any other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Admission requirements: for M.A. admission and Graduate Assistant applications the following items are required:

1. major or equivalent in the language of study
2. two letters of recommendation
3. statement of purpose purpose written in Spanish
4. 550 TOEFL score or higher

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This emphasis is available on both the **thesis** and **non-thesis** options. A **minimum of 32 semester hours** is required for either option. **A minimum of 18 hours of 200/6000-level course work, including 6 hours of SPAN 6299 (780:299), is required for the thesis option.**

A minimum of 15 hours of 200/6000-level course work is required for the non-thesis option, including no more than 3 hours of SPAN 6299 (780:299) . In the case of the non-thesis option, a research paper must be approved by the student's committee and filed with the Department of Languages and Literatures before the comprehensive examinations may be taken. Successful completion of a final written and oral comprehensive examination is required for **both the thesis and non-thesis options**.

Required:

Languages:

LANG 6095 (700:295)	Research Methods in Culture and Literature	3

Spanish:

Literature courses: must include one 200/6000-level course in Spanish literature and one 200/6000-level course in Spanish-American literature	12
Linguistics, grammar and/or translation courses	8
Culture and civilization courses	3
Electives (6 hours of SPAN 6299/780:299 required for thesis option)	6
Total Hours	32

No more than 6 hours of translation SPAN 4045/5045 (780:145g) and/or SPAN 6045 (780:245) may be applied toward this major.

Spanish Teaching Emphasis

This program is offered on the **non-thesis** option only. A **minimum of 34 semester hours** is required, of which a **minimum of 16 hours must be at the 200/6000-level**; a minimum of 20 credits must be courses taught in Spanish.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

Successful completion of a final written and oral comprehensive examination is required. A research paper, written on an aspect of methodology, must be approved by the student's committee and filed with the Department of Languages and Literatures before comprehensive examinations may be taken.

Prerequisites: Student must hold a valid teaching license and must have documentation of successful teaching experience. The student who has not completed SPAN 3001 (780:101) SPAN 3003 (780:103), and either LANG 4090/5090 or LANG 4740/5740, or equivalents, before entering the program must add these courses to the requirements listed below.

Required:

Educational Psychology:

EDPSYCH 6214 (200:214)	Foundations of Instructional Psychology (or equivalent)	3

Measurement and Research:

MEASRES 6205 (250:205)	Educational Research (or equivalent)	3

Spanish:

Methods courses, one of which must be methodological topic in:	6

SPAN 6289 (780:289)	Seminar: _____	
SPAN 6286 ("Studies in")		
Linguistics, grammar and/or translation courses, one of which must be at the 200/6000-level, and one of which is language-specific		6
Culture and civilization courses		6
Must be taught in Spanish, with at least one course at 200/6000-level		
Literature courses		8
Must be taught in Spanish, with at least two courses at 200/6000-level		
Electives in Spanish		2
Total Hours		34

Major in Teaching English in Secondary Schools

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Languages and Literatures for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major in Teaching English in Secondary Schools requires a **minimum of 33 semester hours** , and is available only as a **non-thesis** program. **A minimum of 15 hours of 200/6000-level course work is required.**

This major is offered primarily as an outreach or distance education program to cohort groups of practicing teachers; students in each group proceed through the program together over a period of about three years.

Successful completion of a final written and oral comprehensive examination is required. Students are also required to complete an approved research paper. Contact the English Graduate Coordinator for details.

Teacher licensure is a prerequisite (and a secondary English/Language Arts endorsement is a prerequisite or corequisite) for completing the program approval process for this major. A licensed teacher who lacks a secondary English/Language Arts endorsement should consult at once with the English Graduate Coordinator in order to plan appropriate course work which may include one or more courses in addition to the minimum requirements for the major. Each student's Program of Study for this major requires the approval of the English Graduate Coordinator.

Required

ENGLISH 6100 (620:201)	Introduction to Graduate Study in English	3
ENGLISH 6980 (620:291)	Seminar in the Teaching of English	3

English electives in English/Language Arts pedagogy [*]		12
English electives in literature [*]		12
English elective in English/Language Arts pedagogy or literature		3
or		
ENGLISH 6299 (620:299)	Research	
Total Hours		33

*   *Electives must include at least 9 hours of 200/6000-level course work.

Major in Teaching English to Speakers of Other Languages (TESOL)

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Languages and Literatures for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **thesis** and **non-thesis** options, and requires a **minimum of 33 semester hours** for the **non-thesis option**, and **39 semester hours** for the **thesis option**, which includes 6 hours of TESOL 6299 Research. The non-thesis option requires an approved research paper. **A minimum of 15 hours of 200/6000-level course work is required for either option.**

Successful completion of a final written comprehensive examination is required for **both thesis and non-thesis options**, as specified by the TESOL/Applied Linguistics faculty. Contact the TESOL Graduate Coordinator for details.

Students are required to meet with their advisors for a program approval interview. Students should complete this interview during the first semester of their course work. The department may require a student to complete course work in addition to the minimum of 33 semester hours required for a master's degree. In such cases, these hours will be specified at the time of the interview.

Required:

Languages:

LANG 4740/5740	Approaches to Language Learning and Teaching	3
TESOL/Applied Linguistics:		
TESOL 4120/5120 (630:125g)	Introduction to Linguistics	3
or TESOL 4110/5110 (630:130g)	The Structure of English	
TESOL 4350/5350 (630:154g)	Phonology	3
TESOL 4540/5540 (630:160g)	Sociolinguistics	3

or TESOL 4520/5520 (630:163g)	Cultural Aspects of Language and Language Teaching	
TESOL 4340/5340 (630:192g)	Problems In Eng Grammar	3
TESOL 4760/5760 (630:194g)	Principles and Practices in Language Teaching	3
TESOL 6100 (630:201)	Introduction to Graduate Study in TESOL/Applied Linguistics	3
TESOL 6740 (630:240)	Computer Assisted Language Learning (CALL)	3
or TESOL 6760 (630:295)	Language Testing	
TESOL 6289 (630:289)	Seminar in Language	3
TESOL 6510 (630:292)	Second Language Acquisition	3
TESOL 6297 (630:297)	TESOL Practicum	3
Total Hours		33

Students choosing the thesis option are required to complete 6 hours of TESOL 6299, which is added to the above required courses, as approved by the TESOL Graduate Coordinator. Students who have earned undergraduate credit for any of the required courses select electives in TESOL/Applied Linguistics, with the advice and approval of the TESOL Graduate Coordinator, to complete the required minimum total of 33 hours.

Native speakers of English must demonstrate proficiency in another language by earning at least a C grade in a second-semester, college-level course or by passing a specially designed examination. International students must have achieved a Test of English as a Foreign Language (TOEFL) score of 600 (paper-based)/250 (computer-based), or the IELTS equivalent, in order to demonstrate their proficiency in English. An international student may be required to take additional English language improvement courses at the discretion of the TESOL/Applied Linguistics faculty. Work taken to satisfy the language proficiency requirement does not count toward the 33 semester hours required to complete the major program.

Students who wish state licensure to teach should request information concerning licensure requirements from the Director of Teacher Education, University of Northern Iowa, or from the Department of Education in the state in which they plan to teach.

Major in TESOL/Modern Languages

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Languages and Literatures for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

This major is available on the **non-thesis** option only. A **minimum of 33 semester hours** is required, including a **minimum of 18 hours at the 200/6000-level**. An approved research paper is also required. The student who has not completed FREN 3001/5001 (720:101g) / GER 3001/5001 (740:101g) / SPAN 3001 (780:101) and either TESOL 4120/5120 (630:125g) or TESOL 4110/5110 (630:130g) (or the equivalent) before entering the master's degree program must add

these courses to the requirements listed below. There is no separate modern language requirement.

Successful completion of a final written comprehensive examination is required for this M.A. major, as specified by the TESOL/Applied Linguistics and appropriate language faculties. Contact the TESOL Graduate Coordinator for details.

Required:

TESOL/Applied Linguistics:

TESOL 4340/5340 (630:192g)	Problems In Eng Grammar	3
TESOL 4760/5760 (630:194g)	Principles and Practices in Language Teaching	3
TESOL 6100 (630:201)	Introduction to Graduate Study in TESOL/Applied Linguistics	3
TESOL 6740 (630:240)	Computer Assisted Language Learning (CALL)	3
or TESOL 6289 (630:289)	Seminar in Language	
or TESOL 6760 (630:295)	Language Testing	
TESOL 6510 (630:292)	Second Language Acquisition	3
TESOL 6297 (630:297)	TESOL Practicum	3
Electives: One of the following language emphases for a minimum total emphasis of 15 hours of which 6 hours must be at the 200/6000-level		15
Total Hours		33

French Emphasis:

Languages:

LANG 4740/5740	Approaches to Language Learning and Teaching	3
or LANG 6090 (700:290)	Theory and Practice in Foreign Language Teaching	
French:		
FREN 4024/5024 (720:124g)	French Civilization	3
or FREN 4025/5025 (720:125g)	Contemporary France	
Select one of the following:		3
FREN 6003 (720:203)	Structure of French	
FREN 6070 (720:270)	French Literature in Review I	
FREN 6071 (720:271)	French Literature in Review II	
FREN 6289 Seminar		
Plus courses approved by the graduate French advisor.		6
Total Hours		15

German Emphasis:

Languages:

LANG 4740/5740	Approaches to Language Learning and Teaching	3
or LANG 6090 (700:290)	Theory and Practice in Foreign Language Teaching	

German:

GER 4050/5050 (740:150g)	Contemporary Germany and Austria	3
Plus courses approved by the graduate German advisor.		9
Total Hours		15

Spanish Emphasis:

Languages:

LANG 4740/5740	Approaches to Language Learning and Teaching	3
or LANG 6090 (700:290)	Theory and Practice in Foreign Language Teaching	
Spanish: one graduate course in each of the following areas:		6-9
Culture and civilization		
Translation		
Linguistics		
Plus courses approved by the graduate Spanish advisor.		3-6
Total Hours		15

Note: International students must have achieved a Test of English as a Foreign Language (TOEFL) score of 600 (paper-based)/250 (computer-based), or the IELTS (International English Language Testing System) equivalent, in order to demonstrate their proficiency in English. An international student may be required to take additional English language development courses at the discretion of the TESOL/Applied Linguistics faculty.

Students who wish state licensure to teach should request information concerning licensure requirements from the Director of Teacher Education, University of Northern Iowa, or from the Department of Education in the state in which they plan to teach.

Program Certificates

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following program certificate, contact the Department of Languages and Literatures or the Office of the Registrar, which serves as the centralized registry.

Certificate in French Language Studies

Required:

15 semester hours of course work, selected from the following:		15
French:		
FREN 1001 (720:001)	Introduction to French Language and Culture I	
FREN 1002 (720:002)	Introduction to French Language and Culture II	
FREN 1011 (720:003)	French Communication Practice I	
FREN 1012 (720:004)	French Communication Practice II	
FREN 2001 (720:011)	Intermediate French Language and Culture	
FREN 2011 (720:012)	Intermediate French Communication Practice	
FREN 2002 (720:051)	Composition	
FREN 2012 (720:061)	Conversation	
FREN 3001/5001 (720:101g)	Advanced Composition	
FREN 3002 (720:102)	French to English Translation	
FREN 3003/5003 (720:103g)	Advanced Conversation	
Total Hours		15

A written and/or oral proficiency examination at the discretion of the certificate committee.

Certificate in German Language Studies

Required:

15 semester hours of course work, selected from the following:		15
German:		
GER 1001 (740:001)	German Language and Culture I	
GER 1002 (740:002)	German Language and Culture II	
GER 1011 (740:003)	German Communication Practice I	
GER 1012 (740:004)	German Communication Practice II	
GER 2001 (740:011)	German Language and Culture III	
GER 2011 (740:012)	German Communication Practice III	
GER 2002 (740:013)	German Language and Culture IV	
GER 2012 (740:014)	German Communication Practice IV	
GER 3001/5001 (740:101g)	German Writing Practice	
GER 3003/5003 (740:103g)	German Conversation	
GER 3004/5004 (740:104g)	Introduction to German Literature	
Total Hours		15

A written and/or oral proficiency examination at the discretion of the certificate committee.

Certificate in Hispanic Cultures

Required:

Spanish:		7
SPAN 2002 (780:055)	Oral and Written Spanish [*]	
SPAN 3001 (780:101)	Advanced Writing	

or SPAN 3050/5050 (780:150g)	Written Communication	
or SPAN 3006	Spanish for Heritage Speakers	
Spanish:		
9 hours of course work, selected from the following:		9
SPAN 3020 (780:120)	Latin American Culture and Civilization	
SPAN 3023 (780:123)	Culture and Civilization of Spain	
SPAN 3027 (780:127)	Latinos in the United States	
SPAN 3052/5052 (780:152g)	Contemporary Hispanic Culture	
SPAN 4041/5041 (780:141g)	Hispanic Cultures: Film and Multimedia	
SPAN 4046/5046 (780:146g)	Topics in Language and Culture: _____	
SPAN 4066/5066 (780:166g)	Topics in Literature and Culture: _____	
Total Hours		16

* SPAN 2002 (780:055) has prerequisite of SPAN 2001 (780:011) or equivalent.

Certificate in International Business, Culture, and Language

The Certificate in International Business, Culture, and Language is available to College of Business Administration students majoring in Accounting, Economics-Business Economics Emphasis, Finance, Management, Management Information Systems, Marketing, and Real Estate and to students completing the General Business Concepts minor. The purpose of this certificate is to encourage students to seek language and cultural knowledge in order to build a foundation for understanding the global environment in which business operates. For more information students should contact UNI*Business* Advising, CBB 5. To enroll in this program students must declare their intent on a Declaration of Curriculum form. The form may be obtained in CBB 5.

International Business

MGMT 3189 (150:189)	International Management	3

Cultural and Political Perspectives

Select one of the following:		3
Political Science:		
POL INTL 1024 (943:024)	International Relations *	3
Geography:		
GEOG 1110 (970:040)	World Geography *	3
Sociology:		
SOC 1000 (980:001)	Introduction to Sociology *	3
Anthropology:		
ANTH 1002 (990:011)	Culture, Nature, and Society *	3

Foreign Language and History ***

Select one of the language options below:		5-24

Chinese (8-18 hours)

CHIN 1001 (710:001)	Elementary Chinese I **	4-5
CHIN 1002 (710:002)	Elementary Chinese II **	4-5
CHIN 1011 (710:011)	Intermediate Chinese I	4-5
Select one of the following:		
RELS 2100	Great Living Religions: Hinduism and Buddhism	3
RELS 2110	Great Living Religions: Confucianism, Daoism, and Zen	3
HUM 3124 (680:124)	China *	3
POL COMP 3162 (944:162)	Politics of East Asia	3
HISNW 4850/5850 (964:183g)	Pre-Modern Chinese History	3
HISNW 4860/5860 (964:187g)	Modern Chinese History	3
SOC 3102/5102 (980:168g)	Culture, Disease, and Healing	3

French (7-24 hours)

FREN 1001 (720:001)	Introduction to French Language and Culture I **	3-4
FREN 1002 (720:002)	Introduction to French Language and Culture II **	3-4
FREN 1011 (720:003)	French Communication Practice I **	1-2
FREN 1012 (720:004)	French Communication Practice II **	1-2
FREN 2001 (720:011)	Intermediate French Language and Culture	3
FREN 2011 (720:012)	Intermediate French Communication Practice	1-2
Select one of the following:		
FREN 2002 (720:051)	Composition	3
FREN 2012 (720:061)	Conversation	2-3
HISEUB 4620/5620 (963:174g)	History of Modern France	3

German (7-18 hours)

GER 1001 (740:001)	German Language and Culture I **	3
GER 1002 (740:002)	German Language and Culture II **	3
GER 1011 (740:003)	German Communication Practice I **	2
GER 1012 (740:004)	German Communication Practice II **	2
GER 2001 (740:011)	German Language and Culture III	3
GER 2011 (740:012)	German Communication Practice III	2
Select one of the following:		
GER 2002 (740:013)	German Language and Culture IV	3
GER 2012 (740:014)	German Communication Practice IV	2

GER 1120 (740:031)	Introduction to German Literature in Translation *	3
ENGLISH/CAP 3148	The Holocaust in Literature and Film	3
HISEUA 4460/5460 (962:171g)	History of Germany to 1648	3
HISEUB 4630/5630 (963:172g)	History of Germany Since 1648	3

Spanish (7-20 hours)

SPAN 1001 (780:001)	Elementary Spanish I **	5
SPAN 1002 (780:002)	Elementary Spanish II **	5
SPAN 2001 (780:011)	Intermediate Spanish	5
Select one of the following:		
HUM 3123 (680:123)	Latin America *	3
SPAN 2053 (780:053)	Spanish for Special Purposes: _____	2-3
SPAN 2002 (780:055)	Oral and Written Spanish	3
SPAN 3052/5052 (780:152g)	Contemporary Hispanic Culture	3-5
POL COMP 3167 (944:167)	Latin American Politics	3
HISNW 4720/5720 (964:180g)	Modern Latin American History	3

English (9 hours)

Select one of the following:		
HISUS 1023	History of the United States	3
POL AMER 1014 (942:014)	Introduction to American Politics *	3
Select two of the following:		
ENGLISH 2520 (620:040)	Multicultural Literature	3
ENGLISH 2340 (620:043)	Survey of English Literature II: Romantics to Post-Colonialism	3
ENGLISH 2420 (620:053)	Survey of American Literature	3
ENGLISH 4420/5420 (620:121g)	The American Renaissance	3
ENGLISH 4445/5445 (620:124g)	20th-Century American Novel	3
ENGLISH 4410/5410 (620:151g)	Early American Literature	3
HISUS 4235/5235 (961:120g)	Popular Culture in the United States	3
HISUS 4275/5275 (961:142g)	United States Constitutional History	3
HISUS 4240/5240 (961:144g)	History of American Thought	3
HISUS 4250/5250 (961:145g)	Religion in America	3
HISUS 4265/5265 (961:150g)	Society and Culture in the United States	3

* Credit hours in these Liberal Arts Core courses may be applied toward the completion of the Liberal Arts Core requirement and the completion of this certificate program.

** Students who received credit toward the foreign language competency requirement for UNI graduation from satisfactory performance in high school language courses or students who can pass an equivalency examination do not need to take these courses.

*** A student's native language cannot be used to meet the language requirement for the certificate.

Summary

1. International Business	3
2. Cultural and Political Perspectives	3
3. Foreign Language and History *	5-24
Chinese: 8-18 hours	
French: 7-24 hours	
German: 7-18 hours	
Spanish: 7-20 hours	
English: 9 hours	
Total Hours	11-30

* A student's native language cannot be used to meet the requirements of this certificate.

Certificate in International Commerce

Required: A major or minor in a modern language.
The following courses:

Marketing:		
MKTG 2110 (130:101)	Principles of Marketing	3
Management:		
MGMT 3153 (150:153)	Organizational Management	3
MGMT 3189 (150:189)	International Management	3
Advanced writing course:		3
SPAN 3001 (780:101)	Advanced Writing	
or SPAN 3006	Spanish for Heritage Speakers	
or FREN 3001/5001 (720:101g)	Advanced Composition	
Economics:		
ECON 1031 (920:024)	Introduction to Economics	3
Elective course in business, culture and civilization, or other approved course, in the respective modern language		3
Total Hours		18

Certificate in Post-Colonial and Multicultural Literary Studies

This certificate offers explorations of post-colonial, multicultural, and ethnic literary studies that will help equip students to participate in an increasingly diverse society.

Required:

Languages and Literatures:		3
ENGLISH 2520 (620:040)	Multicultural Literature	
Electives:		9-12
(To include at least 9 hours of 1xx-level^ courses)		
Languages and Literatures:		

165

ENGLISH 4120/5120 (620:128g)	Images of Women in Literature	
ENGLISH 4540/5540 (620:157g)	African American Literature	
ENGLISH 4560/5560 (620:158g)	Asian American Literature	
TESOL/Applied Linguistics:		
TESOL 4540/5540 (630:160g)	Sociolinguistics	
French:		
FREN 4028/5028 (720:128g)	Special Topics in Francophone Literature	
Spanish:		
SPAN 3004 (780:104)	Introduction to Hispanic Literature	
SPAN 3020 (780:120)	Latin American Culture and Civilization	
SPAN 3027 (780:127)	Latinos in the United States	
Total hours		15

^   See course descriptions for 4-digit numbers associated with these 100-level courses.

Certificate in Spanish Language Studies

Required:

12 semester hours of course work, selected from the following:		12
Spanish:		
SPAN 2001 (780:011)	Intermediate Spanish	
SPAN 2002 (780:055)	Oral and Written Spanish	
SPAN 2053 (780:053)	Spanish for Special Purposes: _____	
SPAN 3000 (780:100)	Teaching Spanish in the Elementary School	
SPAN 3001 (780:101) or SPAN 3050/5050 (780:150g)	Advanced Writing Written Communication	
or SPAN 3006	Spanish for Heritage Speakers	
SPAN 3002/5002 (780:102g)	Advanced Spanish for Special Purposes: _____	
SPAN 3003 (780:103)	Advanced Conversation and Reading	
SPAN 3004 (780:104)	Introduction to Hispanic Literature	
SPAN 3179 (Cooperative Education)		
Total Hours		12

A written and/or oral proficiency examination at the discretion of the certificate committee.

Certificate in Spanish for Special Purposes

A minimum of 12 credit hours beyond SPAN 2001 (780:011) Intermediate Spanish is required.

Required:

Spanish:		7-9
SPAN 2053 (780:053)	Spanish for Special Purposes: _____ *	
SPAN 3001 (780:101) or SPAN 3050/5050 (780:150g)	Advanced Writing Written Communication	
or SPAN 3006	Spanish for Heritage Speakers	
SPAN 3002/5002 (780:102g)	Advanced Spanish for Special Purposes: _____ *	
Electives:		
Select one course from each of the following two categories:		5-6
Group A:		
Spanish:		
SPAN 3007 (780:107)	Introduction to Translation	
SPAN 3008/5008 (780:108g)	Introduction to Spanish Linguistics	
Group B:		
Humanities:		
HUM 3123 (680:123)	Latin America	
Spanish:		
SPAN 3020 (780:120)	Latin American Culture and Civilization	
SPAN 3023 (780:123)	Culture and Civilization of Spain	
SPAN 3027 (780:127)	Latinos in the United States	
Total Hours		12-15

*   Area of concentration (must be same area of concentration)
  • Medical Spanish
  • Business Spanish
  • Spanish for Social Services
  • Spanish for Criminology and Law Enforcement
  • Spanish for Tourism
  • Spanish for Journalism and Broadcasting

Certificate in Teaching English to Speakers of Other Languages

The following courses satisfy the minimum requirements for an ESL K-12 Endorsement on an Iowa Teaching License if a first endorsement is earned with a teaching major. The Certificate may also be earned by those who do not seek Iowa Teacher Licensure but, instead, are preparing for post-secondary teaching, teaching in other countries, and non-teaching positions.

Required:

Languages:		
LANG 4740/5740	Approaches to Language Learning and Teaching	3
TESOL/Applied Linguistics:		
TESOL 4110/5110 (630:130g)	The Structure of English	3

or TESOL 4120/5120 (630:125g)	Introduction to Linguistics	
TESOL 4510/5510 (630:165g)	Language Development	3
TESOL 4520/5520 (630:163g)	Cultural Aspects of Language and Language Teaching	3
or TESOL 4540/5540 (630:160g)	Sociolinguistics	
TESOL 4720/5720 (630:196g)	Bilingual Education in the Public Schools	3
TESOL 4760/5760 (630:194g)	Principles and Practices in Language Teaching	3
Total Hours		18

Certificate in Translation: Spanish

Required:

15 semester hours of course work, distributed as follows:	15
Courses in translation	
Complementary courses approved by faculty committee	
Total Hours	15

An exam and/or portfolio may be required at the discretion of the certificate committee.

Department of Management

(College of Business Administration)

www.cba.uni.edu/management

The Department of Management offers the following undergraduate programs. Specific requirements for these programs are listed within this Department of Management section in the following order:

Undergraduate Majors (B.A.)

- Management
- Management Information Systems
- Supply Chain Management
- Business Teaching

Minors

- General Business Concepts
- Organizational Leadership

Note: Students majoring in Management, Management Information Systems (MIS), Supply Chain Management and Business Teaching must satisfy the College of Business Administration (CBA) admission requirements before they can officially declare their major. A copy of the Admission, Retention, and Graduation Policy may be obtained from UNI*Business* Advising in the College of Business Administration or at http://business.uni.edu/web/pages/currentstudents/advisingcenter-collegepolicies.cfm.

Prior to completion of the admission requirements, students may sign an intent to major in one of these areas and be classified as a prospective (pre)major. Pre-Management, Pre-MIS, or Pre-Business Teaching majors may enroll in lower division (below 100/3000-level) business courses only. Enrollment in upper division (100/3000/4000-level) business courses and MKTG 2110 (130:101) requires satisfactory completion of the CBA admission requirements and any course prerequisites.

Management, MIS, Supply Chain Management and Business Teaching majors may declare a double major and/or major and minor within the College of Business Administration, subject to regulations imposed by those CBA departments affected. Management, MIS, Supply Chain Management and Business Teaching majors minoring within the CBA must select minors designated for business majors. Management majors may not minor in Organizational Leadership. No more than one emphasis area may be declared in Management.

To graduate with a major in Management, Management Information Systems, Supply Chain Management or Business Teaching from the College of Business Administration, a student must earn at least 50% (i.e 60 cr. hrs.) of the business credit hours required for the major at UNI. Students must take at least 50% of the course work required for the degree outside the College of Business Administration. Up to nine hours of economics (excluding ECON 1021 (920:020)), and six hours of statistics may be counted outside the College of Business Administration. A student must earn a 2.20 cumulative grade point average at UNI; and earn an overall 2.20 grade point average in ACCT xxxx/120:xxx, MKTG xxxx/130:xxx, MGMT xxxx/150:xxx, FIN xxxx/160:xxx, and ECON xxxx/920:xxx courses taken at UNI. In addition, Business Teaching majors must complete a total cumulative and cumulative UNI GPA of 2.50 or better. Students given permission to graduate out-of-residence must earn a 2.20 or better in all courses approved and accepted for out-of-residence credit.

The Management Department may impose additional admission requirements for students wishing to declare a minor or a second CBA major. Eligibility to declare a minor or a second CBA major is based on competitive GPA and space availability. Students may obtain a copy of these requirements from UNI*Business* Advising (CBB 5) in the College of Business Administration.

Bachelor of Arts Degree Programs
Management Major

The Management major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required business core

Business Administration, Interdepartmental:		
BUSINESS 1000 (100:010)	Introductory Seminar for Business Professionals	0
BUSINESS 2000 (100:020)	Business Professionals in Training	0
Accounting:		
ACCT 2120 (120:030)	Principles of Financial Accounting	3
ACCT 2130 (120:031)	Principles of Managerial Accounting	3
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing	3

Management:		
MGMT 2080 (150:080)	Introduction to Information Systems	3
MGMT 3100 (150:100)	Legal and Social Environment of Business	3
MGMT 3153 (150:153)	Organizational Management	3
MGMT 3154 (150:154)	Operations Management	3
MGMT 4175 (150:175)	Business Policy and Strategy	3
Finance:		
FIN 3130/5130 (160:151g)	Corporation Finance	3
Economics:		
ECON 1011 (920:070)	Business Statistics *	3
ECON 1021 (920:020)	Introduction to Decision Techniques *	3
ECON 1041 (920:053)	Principles of Macroeconomics	3
ECON 1051 (920:054)	Principles of Microeconomics	3
Required		
Management:		
MGMT 3163 (150:163)	Managerial Problem Solving	3
MGMT 3965/5965 (150:165g)	Organizational Behavior	3
Emphasis requirements (choose one area of emphasis)		12
Total Hours		57

*   ECON 1021 (920:020) and ECON 1011 (920:070) have a prerequisite of STAT 1772 (800:072) or equivalent. STAT 1772 (800:072) will satisfy Category 1C of the Liberal Arts Core.

Emphases

Business Administration

Required

Choose three Management electives:		9
MGMT 3101 (150:101)	Business Law	
MGMT 3145 (150:145)	Information Systems Applications	
MGMT 3155	Human Resource Management	
MGMT 3187 (150:187)	Organization Structure and Design	
MGMT 3189 (150:189)	International Management	
MGMT 3905/5905 (150:105g)	Employment and Labor Law	
MGMT 3966/5966 (150:166g)	Staffing and Employee Development	
MGMT 3974/5974 (150:174g)	Business, Ethics, and Society	
MGMT 3984/5984	Dynamics of Negotiations	
Choose one other elective:		3

Upper-level (100/3000/4000-level or ECON 2132 (920:113)) course from Accounting, Economics, Finance, Marketing (exceptions listed below) OR another 3-hour Management elective from above.

Exceptions:		
Accounting:		
ACCT 3055 (120:144)	VITA: Individual Income Tax Preparation	
ACCT 3090 (120:169)	Internship -- Accounting	
ACCT 3092/5092 (120:170g)	Special Problems -- Accounting	
ACCT 3094 (120:185)	Individual Readings	
ACCT 3179 (120:179)	Cooperative Education in Accounting	
ACCT 4080 (120:148)	FAR Review	
ACCT 4084 (120:150)	Auditing Review	
Economics:		
ECON 3077 (920:177)	Internship in Community Economic Development	
ECON 3179 (920:179)	Cooperative Education in Economics	
ECON 4380/5380 (920:181g)	Directed Research in Economics	
Finance:		
FIN 3080 (160:170)	Special Problems	
FIN 3179 (160:179)	Cooperative Education in Finance	
Marketing:		
MKTG 3179 (130:179)	Cooperative Education in Marketing	
MKTG 3583/5583 (130:170g)	Entrepreneurship	
MKTG 4198 (130:198)	Independent Study	
MKTG 4595 (130:169)	Internship-Marketing	

Human Resource

Required

Management:		
MGMT 3155	Human Resource Management	3
MGMT 3905/5905 (150:105g)	Employment and Labor Law	3
MGMT 3966/5966 (150:166g)	Staffing and Employee Development	3
MGMT 3968/5968 (150:168g)	Compensation and Performance Management Systems	3

Organizational Leadership

Required:

Management:		
MGMT 3183	Leadership Skills	3
MGMT 3185	Project Management	3
Plus 6 hours to be selected from the following courses:		6

MGMT 3145 (150:145)	Information Systems Applications	
MGMT 3155	Human Resource Management	
MGMT 3187 (150:187)	Organization Structure and Design	
MGMT 3189 (150:189)	International Management	
MGMT 3974/5974 (150:174g)	Business, Ethics, and Society	
MGMT 3984/5984	Dynamics of Negotiations	
Marketing:		
MKTG 3583/5583 (130:170g)	Entrepreneurship	

Footnote: Management majors are allowed to double major with either Supply Chain Management or Management Information Systems with five additional classes (i.e., only one class is allowed to double count for both majors).

Management Information Systems Major

The Management Information Systems major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required business core

Business Administration, Interdepartmental:		
BUSINESS 1000 (100:010)	Introductory Seminar for Business Professionals	0
BUSINESS 2000 (100:020)	Business Professionals in Training	0
Accounting:		
ACCT 2120 (120:030)	Principles of Financial Accounting	3
ACCT 2130 (120:031)	Principles of Managerial Accounting	3
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing *	3
Management:		
MGMT 2080 (150:080)	Introduction to Information Systems	3
MGMT 3100 (150:100)	Legal and Social Environment of Business	3
MGMT 3153 (150:153)	Organizational Management	3
MGMT 3154 (150:154)	Operations Management *	3
MGMT 4175 (150:175)	Business Policy and Strategy	3
Finance:		
FIN 3130/5130 (160:151g)	Corporation Finance	3
Economics:		
ECON 1011 (920:070)	Business Statistics *	3
ECON 1021 (920:020)	Introduction to Decision Techniques *	3
ECON 1041 (920:053)	Principles of Macroeconomics	3
ECON 1051 (920:054)	Principles of Microeconomics	3

Required courses

Management:		
MGMT 2032 (150:032)	Business Application Development I	3
MGMT 2034 (150:034)	Business Application Development II	3
MGMT 3112 (150:112)	Systems Analysis and Design	3
MGMT 3120 (150:120)	Database Management and Theory	3
MGMT 3125 (150:125)	Information Systems Development Projects	3
MGMT 3140 (150:140)	Information Systems Management	3
Electives (technical): select one of the following:		3
Accounting:		
ACCT 3140 (120:136)	Accounting Information Systems	
Management:		
MGMT 3127 (150:127)	Decision Support, Analytics and Business Intelligence	
MGMT 3128 (150:128)	Business Application Development III	
Computer Science:		
CS 3610/5610 (810:161g)	Artificial Intelligence (without lab)	
Total Hours		60

* These courses have additional prerequisites as follows: MKTG 2110 (130:101) has prerequisite of ECON 1031 (920:024) or ECON 1041 (920:053).
MGMT 3154 (150:154), ECON 1021 (920:020), and ECON 1011 (920:070) have prerequisite of *STAT 1772 (800:072)* or equivalent. *STAT 1772 (800:072)* will satisfy Category 1C of the Liberal Arts Core.

Supply Chain Management Major

The Supply Chain Management major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required Business Core:		
Business Administration, Interdepartmental:		
BUSINESS 1000 (100:010)	Introductory Seminar for Business Professionals	0
BUSINESS 2000 (100:020)	Business Professionals in Training	0
Accounting:		
ACCT 2120 (120:030)	Principles of Financial Accounting	3
ACCT 2130 (120:031)	Principles of Managerial Accounting	3
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing *	3
Management:		

MGMT 2080 (150:080)	Introduction to Information Systems	3
MGMT 3100 (150:100)	Legal and Social Environment of Business	3
MGMT 3153 (150:153)	Organizational Management	3
MGMT 3154 (150:154)	Operations Management [*]	3
MGMT 4175 (150:175)	Business Policy and Strategy	3
Finance:		
FIN 3130/5130 (160:151g)	Corporation Finance	3
Economics:		
ECON 1011 (920:070)	Business Statistics [*]	3
ECON 1021 (920:020)	Introduction to Decision Techniques [*]	3
ECON 1041 (920:053)	Principles of Macroeconomics	3
ECON 1051 (920:054)	Principles of Microeconomics	3
Required Courses:		
MGMT 3161 (150:161)	Supply Chain and Purchasing	3
MGMT 3167	Global Strategic Supply Management	3
MGMT 3168	Supply Chain Modeling and Analytics	3
MKTG 3163 (130:161)	Distribution and Logistics	3
Electives: Select two of the following (only one can be taken outside of the College of Business):		6
Management:		
MGMT 3163 (150:163)	Managerial Problem Solving	
MGMT 3166	Six Sigma and Lean Consulting Methodology	
MGMT 3185	Project Management	
MGMT 3965/5965 (150:165g)	Organizational Behavior	
MGMT 3984/5984	Dynamics of Negotiations	
Geography:		
GEOG 4180/5180 (970:121g)	Locational Analysis for Business	
Languages and Literatures:		
ENGLISH 4775/5775 (620:105g)	Applied Writing: Technical Communication	
Total Hours		57

[*]   These courses have additional prerequisites as follows:
MKTG 2110 (130:101) has prerequisite of ECON 1031 (920:024) or ECON 1041 (920:053).
MGMT 3154 (150:154), ECON 1021 (920:020), and ECON 1011 (920:070) have prerequisite of STAT 1772 (800:072) or equivalent. STAT 1772 (800:072) will satisfy Category 1C of the Liberal Arts Core.

Note: Supply Chain Management majors are allowed to double major with either Management Information Systems or Management: Organizational Leadership, Management: Business Administration,

or Management: Human Resource Management with five additional classes (i.e., only one class is allowed to double count for both majors).

Supply Chain Management Majors are allowed to earn an Organizational Leadership minor with four additional classes (i.e., no classes are allowed to double count for the Supply Chain Management major and the Organizational Leadership minor).

Business Teaching Major

The Business Teaching major requires a minimum of 121 total hours to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements, and the following specified major requirements, to complete the minimum of 121 hours.

Required business core

Business Administration, Interdepartmental:		
BUSINESS 1000 (100:010)	Introductory Seminar for Business Professionals	0
BUSINESS 2000 (100:020)	Business Professionals in Training	0
Accounting:		
ACCT 2120 (120:030)	Principles of Financial Accounting	3
ACCT 2130 (120:031)	Principles of Managerial Accounting	3
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing	3
Management:		
MGMT 2080 (150:080)	Introduction to Information Systems	3
MGMT 3100 (150:100)	Legal and Social Environment of Business	3
MGMT 3153 (150:153)	Organizational Management	3
MGMT 3154 (150:154)	Operations Management	3
MGMT 4175 (150:175)	Business Policy and Strategy	3
Finance:		
FIN 3130/5130 (160:151g)	Corporation Finance	3
Economics:		
ECON 1011 (920:070)	Business Statistics [*]	3
ECON 1021 (920:020)	Introduction to Decision Techniques [*]	3
ECON 1041 (920:053)	Principles of Macroeconomics	3
ECON 1051 (920:054)	Principles of Microeconomics	3

Required

Marketing:		
MKTG 3583/5583 (130:170g)	Entrepreneurship	3
Management:		
MGMT 2091 (150:091)	Introduction to Curriculum and Methods for Business Education	1
MGMT 3117 (150:117)	Field Experience in Business Teaching	1

MGMT 3181	Communication and Financial Literacy in Business	3
MGMT 3191 (150:191)	Advanced Curriculum and Methods for Business Education	2
Total Hours		49

* These courses have additional prerequisites as follows: ECON 1021 (920:020) and ECON 1011 (920:070) have prerequisite of STAT 1772 (800:072) or equivalent. STAT 1772 (800:072) will satisfy Category 1C of the Liberal Arts Core.
MGMT 3181 has prerequisite of *ENGLISH 1005 (620:005)* or ENGLISH 2015 (620:015), either of which will satisfy Category 1A of the Liberal Arts Core. Business Teaching Majors may substitute **both** ECON 1041 (920:053) **and** ECON 1051 (920:054) for ECON 1031 (920:024) to satisfy Category 5B of the Liberal Arts Core.

The Professional Education Requirements for the Business Teaching major include 30 hours in the following courses:

EDPSYCH 2030 (200:030)	Dynamics of Human Development	3
EDPSYCH 3148 (200:148)	Learning and Motivation in Classroom Contexts	3
MEASRES 3150 (250:150)	Classroom Assessment	2
SOCFOUND 3119 (260:119)	Schools and American Society	3
SPED 3150 (220:150)	Meeting the Needs of Diverse Learners in Classrooms	2
TEACHING 2017	Level 1 Field Experience: Exploring Teaching	1
TEACHING 3128	Level 2 Field Experience: Teacher as a Change Agent	1
TEACHING 3138 (280:138)	Secondary School Teaching	4-12
TEACHING 4170/5170 (280:170g)	Human Relations: Awareness and Application	3

Minors

General Business Concepts Minor

Required

Accounting:		
ACCT 2120 (120:030)	Principles of Financial Accounting	3
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing	3
Management:		
MGMT 2080 (150:080)	Introduction to Information Systems	3
MGMT 3100 (150:100)	Legal and Social Environment of Business	3
MGMT 3153 (150:153)	Organizational Management	3
Economics:		
ECON 1031 (920:024)	Introduction to Economics	3

or equivalent		
ECON 1011 (920:070)	Business Statistics *	3
Total Hours		21

* ECON 1011 (920:070) has prerequisite of *STAT 1772 (800:072)* or equivalent. *STAT 1772 (800:072)* will satisfy Category 1C of the Liberal Arts Core.

NOT available to majors in: Accounting, Business Teaching, Economics-Business Economics emphasis, Finance, Management, Management Information Systems, Marketing, and Real Estate.

Organizational Leadership Minor

This minor is intended for CBA students who would like to supplement the specialized education of their major with an intensive program that develops the thinking, communication, and interpersonal skills they need to be successful as managers and leaders during their careers. Program enrollment is limited to students with a CBA major other than Management.

Required		
Management:		
MGMT 3163 (150:163)	Managerial Problem Solving	3
MGMT 3183	Leadership Skills	3
MGMT 3185	Project Management	3
MGMT 3965/5965 (150:165g)	Organizational Behavior	3
Total Hours		12

Expanded Career Option for Secondary Teacher Licensure

(Available to non-teaching business majors only.)

Majors in Accounting, Economics: Business Economics, Finance, Management, Management Information Systems, Marketing, Real Estate, and Supply Chain Management in the College of Business Administration have the option of receiving secondary teaching licensure to teach Business All 5-12. A student may complete this option by taking the required licensing courses as general university electives. The total number of hours required for licensure will be 40. This will expand the student's program beyond the normal eight semesters. Specific licensure requirements and information about this expanded career option may be obtained from the Department of Management.

Other Licensure Options

Additional vocational licensure is available in multi-occupations.

Department of Marketing

(College of Business Administration)

www.cba.uni.edu/marketing

The Department of Marketing offers the following undergraduate programs and program certificates. Specific requirements for these programs are listed within this Department of Marketing section in the following order:

Undergraduate Majors (B.A.)

- Marketing

Minors

- Business Communication (also listed in Department of Communication Studies)
- Marketing (Non-Business Majors)

Program Certificates

- Entrepreneurship
- Financial and Real Estate Sales for Business Majors (also listed in Department of Finance)

Note: Students majoring in Marketing must satisfy the College of Business Administration (CBA) admission requirements before they can officially declare their major. A copy of the Admission, Retention, and Graduation Policy may be obtained from UNI*Business* Advising in the College of Business Administration or at http://business.uni.edu/web/pages/currentstudents/advisingcenter-collegepolicies.cfm. Prior to completion of the admission requirements, students may sign an intent to major in Marketing and be classified as a prospective (pre)major. Pre-Marketing majors may enroll in lower division (below 100/3000-level) business courses only. Enrollment in upper division (100/3000/4000-level) business courses and MKTG 2110 (130:101) requires satisfactory completion of the CBA admission requirements and any course prerequisites.

Marketing majors *may* declare a double major, double minor, and/or major and minor within the College of Business Administration, subject to the regulations imposed by those CBA departments affected. Marketing majors minoring within the CBA must select minors designated for business majors. Marketing majors may not declare more than one emphasis in Marketing.

To graduate with a major in Marketing from the College of Business Administration, a student must earn at least 50% of the business credit hours required for the major at UNI. In addition, a minimum of nine graded hours must be earned in 100/3000/4000-level, UNI Marketing courses. Students must take at least 50% of the course work required for the degree outside the College of Business Administration. Up to nine hours of economics (excluding ECON 1021 (920:020)), and six hours of statistics may be counted as outside the College of Business Administration. A student must earn a 2.20 cumulative grade point average at UNI; and earn an overall 2.20 grade point average in ACCT xxxx/120:xxx, MKTG xxxx/130:xxx, MGMT xxxx/150:xxx, FIN xxxx/160:xxx, and ECON xxxx/920:xxx courses taken at UNI. Students given permission to graduate out-of-residence must earn a 2.20 or better in all courses approved and accepted for out-of-residence credit.

The Marketing Department may impose additional admission requirements for students wishing to declare a minor or a second CBA major. Eligibility to declare a minor or a second CBA major is based on competitive GPA and space availability. Students may obtain a copy of these requirements from UNI*Business* Advising (CBB 5) in the College of Business Administration.

Bachelor of Arts Degree Programs
Marketing Major

The Marketing major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours. Liberal Arts Core courses included in major program requirements are distinguished by *italics*.

Required business core

Business Administration, Interdepartmental:		
BUSINESS 1000 (100:010)	Introductory Seminar for Business Professionals	0
BUSINESS 2000 (100:020)	Business Professionals in Training	0
Accounting:		
ACCT 2120 (120:030)	Principles of Financial Accounting	3
ACCT 2130 (120:031)	Principles of Managerial Accounting	3
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing	3
Management:		
MGMT 2080 (150:080)	Introduction to Information Systems	3
MGMT 3100 (150:100)	Legal and Social Environment of Business	3
MGMT 3153 (150:153)	Organizational Management	3
MGMT 3154 (150:154)	Operations Management	3
MGMT 4175 (150:175)	Business Policy and Strategy	3
Finance:		
FIN 3130/5130 (160:151g)	Corporation Finance	3
Economics:		
ECON 1011 (920:070)	Business Statistics [*]	3
ECON 1021 (920:020)	Introduction to Decision Techniques [*]	3
ECON 1041 (920:053)	Principles of Macroeconomics	3
ECON 1051 (920:054)	Principles of Microeconomics	3
Required		
Marketing:		
MKTG 3113/5113 (130:106g)	Consumer Behavior	3
MKTG 3116/5116 (130:108g)	Marketing Research	3
MKTG 4170/5170 (130:191g)	Marketing Strategy	3
Marketing emphasis area (select one emphasis area below)		9
Total Hours		57

Emphases

Marketing Management

Required:		

MKTG 3163 (130:161)	Distribution and Logistics	3
MKTG 3173 (130:131)	New Product Management	3
Marketing elective - select one course from the following:		3
MKTG 3143 (130:150)	Advertising and Promotion	
MKTG 3166 (130:166)	Retail Management	
MKTG 3586/5586 (130:175g)	Entrepreneurial Strategy	
MKTG 3595 (130:142)	Value Based Pricing	
MKTG 4595 (130:169)	Internship-Marketing	

Global Marketing

Required:		
MKTG 3176/5176 (130:177g)	Global Marketing	3
MKTG 3178/5178	Global Trade Practices	3
Marketing elective:		3
MKTG 4595 (130:169)	Internship-Marketing	
MKTG 4595 (130:169) requires the successful completion of an approved international based Marketing Internship or the successful completion of an approved study abroad Marketing course.		

Advertising and Digital Media

Required:		
MKTG 3143 (130:150)	Advertising and Promotion	3
MKTG 3146 (130:160)	Digital Advertising	3
Marketing elective - select one course from the following:		3
MKTG 3156 (130:178)	Services Marketing	
MKTG 3583/5583 (130:170g)	Entrepreneurship	
MKTG 4150	Advertising Campaign Development	
MKTG 4595 (130:169)	Internship-Marketing	

Sales Management

Required:		
MKTG 3153 (130:153)	Personal Selling	3
MKTG 3154	Sales Management	3
Marketing elective - select one course from the following:		3
MKTG 3156 (130:178)	Services Marketing	
MKTG 3166 (130:166)	Retail Management	
MKTG 3583/5583 (130:170g)	Entrepreneurship	
MKTG 3595 (130:142)	Value Based Pricing	
MKTG 4595 (130:169)	Internship-Marketing	

*   ECON 1021 (920:020) and ECON 1011 (920:070) have prerequisite of *STAT 1772 (800:072)* or equivalent. STAT 1772 (800:072) will satisfy Category 1C of the Liberal Arts Core.

Minors

Business Communication Minor

The Business Communication minor is interdisciplinary in nature and offered jointly by the College of Business and the College of Humanities, Arts and Sciences. It is under the jurisdiction of the Department of Marketing and the Department of Communication Studies. The minor requires a 12-hour core plus 9 hours from three emphases.

Required

Communication:		
COMM 3155 (48C:173)	Business and Professional Oral Communication	3
Communication or English:		3
COMM 2555 (48C:025)	Interactive Digital Communication	
or ENGLISH 2770 (620:077)	Introduction to Professional Writing	
Communication or Management:		3
COMM 3055 (48C:132)	Organizational Communication	
or MGMT 3153 (150:153)	Organizational Management	
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing	3
Required: 3 hours from each of three emphases below:		9
Total Hours		21

EMPHASES

1. Applied Writing Skills

Select one course from the following:		3
ENGLISH:		
ENGLISH 4765/5765 (620:102g)	Applied Writing: Workplace Communication	
ENGLISH 4770/5770 (620:104g)	Applied Writing: Proposals and Grants	
ENGLISH 4775/5775 (620:105g)	Applied Writing: Technical Communication	

2. Communication Skills

Select one course from the following:		3
Communication Studies:		
COMM 1205 (48C:031)	Group Communication Skills	
COMM 4316/5316 (48C:136g)	Mediation Theory and Process	
COMM 4333/5333 (48C:148g)	Communication and Conflict Management	
COMM 4355/5355 (48C:141g)	Listening	
COMM PR 1811 (48P:005)	Principles of Public Relations	

3. Business and Professional Communication Contexts and Applications

Select one of the following:		3
Communication Studies:		
COMM 4134/5134 (48C:134g)	Organizational Cultures and Communication	
COMM PR 3844/5844 (48P:184g)	Public Relations: Integrated Communications	

Marketing:

MKTG 3143 (130:150)	Advertising and Promotion	
MKTG 3146 (130:160)	Digital Advertising	
MKTG 3153 (130:153)	Personal Selling	

Note: When declaring this minor students must:

- have a 2.70 cumulative GPA.
- have satisfactorily completed Categories 1A and 1B of the Liberal Arts Core.

Available to all UNI majors.

Marketing Minor (Non-Business Majors)

Required

Marketing:		
MKTG 2110 (130:101)	Principles of Marketing *	3
Economics:		
ECON 1031 (920:024)	Introduction to Economics	3
or ECON 1041 (920:053)	Principles of Macroeconomics	
Marketing electives - select four courses from the following:		12
MKTG 3113/5113 (130:106g)	Consumer Behavior	
MKTG 3143 (130:150)	Advertising and Promotion	
MKTG 3146 (130:160)	Digital Advertising	
MKTG 3153 (130:153)	Personal Selling	
MKTG 3154	Sales Management	
MKTG 3156 (130:178)	Services Marketing	
MKTG 3163 (130:161)	Distribution and Logistics	
MKTG 3166 (130:166)	Retail Management	
MKTG 3173 (130:131)	New Product Management	
MKTG 3176/5176 (130:177g)	Global Marketing	
MKTG 3178/5178	Global Trade Practices	
MKTG 3583/5583 (130:170g)	Entrepreneurship	
MKTG 3595 (130:142)	Value Based Pricing	
MKTG 4150	Advertising Campaign Development	
Business electives - select one course from the following:		3
Accounting:		
ACCT 2120 (120:030)	Principles of Financial Accounting	
Management:		
MGMT 3153 (150:153)	Organizational Management	
Total Hours		21

* MKTG 2110 (130:101) has prerequisite of either *ECON 1031 (920:024)* or ECON 1041 (920:053). *ECON 1031 (920:024)* or **both** ECON 1041 (920:053) **and** ECON 1051 (920:054) will satisfy Category 5B of the Liberal Arts Core.

NOT available to majors in: Accounting, Business Teaching, Economics-Business Economics Emphasis, Finance, Management, Management Information Systems, Marketing, and Real Estate.

Program Certificates

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following program certificates, contact the Department of Marketing or the Office of the Registrar, which serves as the centralized registry.

Certificate in Entrepreneurship

The Certificate in Entrepreneurship is open to **all** majors.

The purpose of the program is to engage students in active participation in the development of entrepreneurial enterprises. They will do this through a combination of traditional course work specifically directed to entrepreneurial ventures and participation in an entrepreneurial enterprise experience through the development of a business plan for a new venture and an experiential project.

For more information, students should contact UNI*Business* Advising, CBB 5. To enroll in this program students must declare their intent on a Declaration of Curriculum form. The form may be obtained in CBB 5.

Required

Business Administration, Interdepartmental:		
BUSINESS 2010 (100:040)	Entrepreneurial Fundamentals	3
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing	3
MKTG 3583/5583 (130:170g)	Entrepreneurship	3
MKTG 3586/5586 (130:175g)	Entrepreneurial Strategy	3
Economics:		
ECON 1031 (920:024)	Introduction to Economics **	3
Total Hours		15

* ECON 1041 (920:053) and ECON 1051 (920:054) will substitute for *ECON 1031 (920:024)*.

Certificate in Financial and Real Estate Sales for Business Majors

Required

Marketing:		
MKTG 3153 (130:153)	Personal Selling	3
MKTG 3154	Sales Management	3
Finance:		
FIN 3130/5130 (160:151g)	Corporation Finance	3
Electives from the following:		6
Finance:		

FIN 3050 (160:162)	Risk Management and Insurance
FIN 3110 (160:140)	Principles of Real Estate
FIN 3160/5160 (160:152g)	Principles of Investments

Electives from the following:		3
Management:	
MGMT 3974/5974 (150:174g)	Business, Ethics, and Society
Communication Studies*:	
COMM 3155 (48C:173)	Business and Professional Oral Communication
COMM 4218 (48C:178)	Persuasion
COMM 4355/5355 (48C:141g)	Listening

| Total Hours | 18 |

*   Prerequisite notes:
1) COMM 4355/5355 (48C:141g) and COMM 4218 (48C:178) have junior standing as their prerequisite.
2) COMM 3155 (48C:173) has COMM 1000 (48C:001) Oral Communication as a prerequisite. COMM 1000 (48C:001) is a Liberal Arts Category 1.B. required course that any business major pursuing this certificate would be required to complete.
3) The remaining certificate courses are business courses (i.e., Marketing, Finance, and Management) and all prerequisites for all courses would be required to complete as a business major, for which this certificate is the intended audience.

Department of Mathematics

(College of Humanities, Arts and Sciences)

www.math.uni.edu/

The Department of Mathematics offers the following undergraduate and graduate programs. Specific requirements for these programs are listed within this Department of Mathematics section in the following order:

Undergraduate Majors (B.A.)

- Mathematics
- Mathematics-Statistics/Actuarial Science
- Mathematics-Teaching

Minors

- Mathematics
- Mathematics-Teaching
- Mathematics (K-8)-Teaching
- Statistics and Actuarial Science

Graduate Majors (M.A.)

- Mathematics:
  - Mathematics

- Secondary Teaching
- Community College Teaching

- Mathematics for the Middle Grades (4-8)

Graduate Majors (P.S.M.)

- Industrial Mathematics

Program Certificate

- Statistical Computing

Notes:

1. A student majoring or minoring in mathematics, who has a grade point average of less than 2.25 in all departmental courses used for that major or minor may not apply a departmental course in which a grade of less than C- is earned to her/his major or minor.

2. Undergraduate students who have been admitted to the university provisionally because of non-satisfaction of the high school mathematics requirements may not enroll in any mathematics credit course before this requirement has been met.

3. Students who complete the requirements for more than one program (major or minor) within mathematics may have that noted on their transcripts.

Bachelor of Arts Degree Programs
Mathematics Major

The Mathematics major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours. Students are encouraged to discuss Undergraduate Research (MATH 4990) with their adviser.

Common core:		15
MATH 1420 (800:060)	Calculus I
MATH 1421 (800:061)	Calculus II
MATH 2422 (800:062)	Calculus III
MATH 2500 (800:076)	Linear Algebra for Applications

Mathematics core:		16
MATH 2900	Discrete and Argumentative Mathematics
MATH 4420/5420 (800:140g)	Advanced Calculus I
MATH 4421/5421 (800:141g)	Advanced Calculus II
MATH 4500/5500 (800:160g)	Modern Algebra I
MATH 4501/5501 (800:162g)	Modern Algebra II
MATH 4900 (800:194)	Senior Mathematics Seminar

| Probability/Statistics: select one of the following. MATH/STAT 3751 will not satisfy this requirement if a student has credit for STAT 1772 (800:072). | | 3-6 |
| MATH/STAT 3751 | Probability and Statistics |

STAT 1772 (800:072) & MATH 3752/5752 (800:152g)	Introduction to Statistical Methods and Introduction to Probability	
STAT 1772 (800:072) & STAT 3771/5771 (800:121g)	Introduction to Statistical Methods and Applied Statistical Methods for Research	
Electives: Select two of the following. MATH/ STAT 3752/5752 (800:152g) cannot be used if used for the Probability/Statistics requirement. Other junior/ senior level mathematics courses may be substituted with approval of advisor and Department Head.		6
MATH 3600/5600 (800:166g)	Euclidean Geometry	
MATH 3610/5610 (800:165g)	Modern Geometries	
MATH 3630/5630 (800:155g)	Differential Geometry	
MATH 3780/5780 (800:145g)	Mathematics of Finance	
MATH/STAT 3752	Introduction to Probability	
MATH 4641/5641 (800:167g)	Topology I	
MATH 3410/5410 (800:142g)	Dynamical Systems: Chaos Theory and Fractals	
MATH 3425/5425 (800:149g)	Differential Equations	
MATH 3440/5440 (800:176g)	Numerical Analysis [*]	
MATH 3530/5530 (800:143g)	Combinatorics	
MATH 4460/5460 (800:156g)	Introduction to Complex Analysis	
MATH 3640/5640 (800:180g)	History of Mathematics: To the Calculus	
MATH 4510/5510 (800:144g)	Elementary Number Theory	
Total Hours		40-43

[*]   These courses have additional prerequisites as follows:
MATH 1420 (800:060) has prerequisite of a satisfactory score on a mathematics placement exam, or subsequent remediation.
MATH 3440/5440 (800:176g) has prerequisite of CS 1130 (810:030), CS 1160 (810:036), or CS 1510 (810:051).

Mathematics Major-Statistics/Actuarial Science

The Mathematics-Statistics/Actuarial Science major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

The major is available in two emphases, the Statistics emphasis and the Actuarial Science emphasis. Each emphasis requires completion of the common core, the seminar/research requirement, the core for the chosen emphasis (Statistics or Actuarial Science), and 6 hours of electives that do not duplicate course work chosen to meet the chosen emphasis (Statistics or Actuarial Science) core requirement.

Required

Mathematics:		
Common core:		15
MATH 1420 (800:060)	Calculus I [*]	
MATH 1421 (800:061)	Calculus II	
MATH 2422 (800:062)	Calculus III	
MATH 2500 (800:076)	Linear Algebra for Applications	
Statistics/Actuarial Science core:		9
STAT 1774 (800:064)	Introductory Statistics for Life Sciences	
or STAT 1772 (800:072)	Introduction to Statistical Methods	
STAT 3775/5775 (800:174g)	Introduction to Mathematical Statistics	
MATH 3752/5752 (800:152g)	Introduction to Probability	
Computer Science:		3-4
Select one of the following:		
CS 1130 (810:030)	Visual BASIC Programming	
CS 1160 (810:036)	C/C++ Programming	
CS 1510 (810:051)	Introduction to Computing	
Seminar/research:		1-3
MATH 4900 (800:194)	Senior Mathematics Seminar	
or MATH 4990 (800:195)	Undergraduate Research in Mathematics	
Select and complete ONE of the following Emphasis Cores:		9
Statistics Emphasis Core:		
Select three from the following:		
STAT 3771/5771 (800:121g)	Applied Statistical Methods for Research	
STAT 3776/5776 (800:175g)	Regression Analysis	
STAT 4773/5773 (800:123g)	Design and Analysis of Experiments	
STAT 4779/5779 (800:196g)	Applied Multivariate Statistical Analysis	
Actuarial Science Emphasis Core:		
Select three from the following:		
MATH 3780/5780 (800:145g)	Mathematics of Finance	
ACT SCI 4735/5735 (800:153g)	Actuarial Mathematics	
ACT SCI 4739/5739 (800:158g)	Topics in Actuarial Science	
ACT SCI 4788/5788 (800:170g)	Loss Models	
ACT SCI 4785/5785 (800:197g)	Introduction to Financial Engineering	
Electives		6
Select two from the following:		

STAT 3771/5771 (800:121g)	Applied Statistical Methods for Research	
STAT 3776/5776 (800:175g)	Regression Analysis	
STAT 3778/5778 (800:171g)	Spatial Data Analysis	
STAT 4772/5772 (800:122g)	Statistical Computing I	
STAT 4773/5773 (800:123g)	Design and Analysis of Experiments	
STAT 4777/5777 (800:157g)	Statistical Quality Assurance Methods	
STAT 4779/5779 (800:196g)	Applied Multivariate Statistical Analysis	
ACT SCI 3731 (800:146)	Actuarial Examination Preparation [**]	
ACT SCI 4735/5735 (800:153g)	Actuarial Mathematics	
ACT SCI 4739/5739 (800:158g)	Topics in Actuarial Science	
STAT 4782/5782	Statistical Computing II	
ACT SCI 4785/5785 (800:197g)	Introduction to Financial Engineering	
ACT SCI 4788/5788 (800:170g)	Loss Models	
MATH 3440/5440 (800:176g)	Numerical Analysis	
MATH 3780/5780 (800:145g)	Mathematics of Finance	
Total Hours		43-46

[*] MATH 1420 (800:060) has prerequisite of satisfactory score on mathematics placement exam or subsequent remediation.

[**] ACT SCI 3731 (800:146) may be repeated for credit for preparation for different exams, however only 3 hours will count toward the Statistics/Actuarial Science major.

Mathematics Major-Teaching

The Mathematics-Teaching major requires a minimum of 122-123 total hours to graduate.

This total includes Liberal Arts Core requirements, the Professional Education Requirements, and the following specified major requirements to complete the minimum of 122-123 hours.

Required

Mathematics:		
Common core:		15
MATH 1420 (800:060)	Calculus I [*]	
MATH 1421 (800:061)	Calculus II	
MATH 2422 (800:062)	Calculus III	
MATH 2500 (800:076)	Linear Algebra for Applications	
Teaching core:		25

MATH 1310 (800:096)	Technology and Programming for Secondary Mathematics Teachers	
MATH 2303	Introduction to Teaching Secondary Mathematics	
MATH 2900	Discrete and Argumentative Mathematics	
MATH 3302	Field Experience in Teaching Secondary Mathematics	
MATH 3304 (800:190)	The Teaching of Secondary Mathematics	
MATH 3305 (800:183)	Connections: University Mathematics and the Secondary Curriculum	
or MATH 3640/5640 (800:180g)	History of Mathematics: To the Calculus	
MATH 3313	Topics in Secondary Mathematics	
MATH 3600/5600 (800:166g)	Euclidean Geometry	
MATH 4500/5500 (800:160g)	Modern Algebra I	
Probability and Statistics:		3-6
Select one of the following. MATH/STAT 3751 will not satisfy this requirement if a student has credit for STAT 1772 (800:072).		
MATH/STAT 3751	Probability and Statistics	
STAT 1772 (800:072) & MATH 3752/5752 (800:152g)	Introduction to Statistical Methods and Introduction to Probability	
STAT 1772 (800:072) & STAT 3771/5771 (800:121g)	Introduction to Statistical Methods and Applied Statistical Methods for Research	
Select two of the following:		6
NOTE: Other junior/senior level mathematics courses may be substituted here with approval of Advisor and Department Head.		
MATH 3610/5610 (800:165g)	Modern Geometries	
MATH 4501/5501 (800:162g)	Modern Algebra II	
MATH 4510/5510 (800:144g)	Elementary Number Theory	
MATH 4615/5615 (800:189g)	Geometric Transformations	
Computer Science:		3-4
Select one of the following:		
CS 1120 (810:056)	Media Computation	
CS 1130 (810:030)	Visual BASIC Programming	
CS 1140	Programming Environments for Secondary Education	
CS 1160 (810:036)	C/C++ Programming	

CS 1510 (810:051)	Introduction to Computing	
Total Hours		52-56

*   MATH 1420 (800:060) has a prerequisite of satisfactory score on mathematics placement exam or subsequent remediation.

Notes: For departmental approval to student teach, a student in the program must satisfy the University requirements to student teach and the following specific departmental requirements:

1) Must earn a C– or better in: MATH 1420, MATH 1421, MATH 2500, MATH 2900, MATH 3302, MATH 3600/5600, MATH 4500/5500, and courses taken to satisfy the Probability and Statistics and Computer Science requirements.

2) Must earn a grade of C or higher in: MATH 2303 and MATH 3304.

3) Must complete all of the courses in the major with a major grade point average of 2.50 or higher

Minors
Mathematics Minor

Required

Mathematics:		11
MATH 1420 (800:060)	Calculus I *	
MATH 1421 (800:061)	Calculus II	
MATH 2500 (800:076)	Linear Algebra for Applications	

Electives		12
Mathematics:		
MATH 2422 (800:062)	Calculus III	
MATH 2900	Discrete and Argumentative Mathematics	
ACT SCI 4739/5739 (800:158g)	Topics in Actuarial Science	
MATH 3410/5410 (800:142g)	Dynamical Systems: Chaos Theory and Fractals	
MATH 3530/5530 (800:143g)	Combinatorics	
MATH 3425/5425 (800:149g)	Differential Equations	
MATH 3440/5440 (800:176g)	Numerical Analysis	
MATH 3430/5430 (800:150g)	Partial Differential Equations	
MATH 3600/5600 (800:166g)	Euclidean Geometry	
MATH 3610/5610 (800:165g)	Modern Geometries	
MATH 3630/5630 (800:155g)	Differential Geometry	
MATH 3640/5640 (800:180g)	History of Mathematics: To the Calculus	
MATH 3751 (800:173)	Probability and Statistics	
MATH 3752/5752 (800:152g)	Introduction to Probability	

MATH 4421/5421 (800:141g)	Advanced Calculus II	
MATH 4510/5510 (800:144g)	Elementary Number Theory	
MATH 4460/5460 (800:156g)	Introduction to Complex Analysis	
MATH 4420/5420 (800:140g)	Advanced Calculus I	
MATH 4500/5500 (800:160g)	Modern Algebra I	
MATH 4501/5501 (800:162g)	Modern Algebra II	
MATH 4615/5615 (800:189g)	Geometric Transformations	
MATH 4641/5641 (800:167g)	Topology I	
STAT 3775/5775 (800:174g)	Introduction to Mathematical Statistics	
STAT 3776/5776 (800:175g)	Regression Analysis	
STAT 4777/5777 (800:157g)	Statistical Quality Assurance Methods	
STAT 4779/5779 (800:196g)	Applied Multivariate Statistical Analysis	
Total Hours		23

*   MATH 1420 (800:060) has prerequisite of satisfactory score on mathematics placement exam or subsequent remediation.

Mathematics Minor-Teaching

Required

Mathematics:		
MATH 1420 (800:060)	Calculus I *	4
MATH 1421 (800:061)	Calculus II	4
Select one of the following:		3
STAT 1772 (800:072)	Introduction to Statistical Methods	
STAT 1774 (800:064)	Introductory Statistics for Life Sciences	
MATH 3751 (800:173)	Probability and Statistics	
MATH 2303	Introduction to Teaching Secondary Mathematics	3
MATH 2500 (800:076)	Linear Algebra for Applications	3
MATH 2900	Discrete and Argumentative Mathematics	3
MATH 3600/5600 (800:166g)	Euclidean Geometry	3
MATH 4500/5500 (800:160g)	Modern Algebra I	3
MATH 3302	Field Experience in Teaching Secondary Mathematics	1
MATH 3304 (800:190)	The Teaching of Secondary Mathematics	3

Computer Science:

Select one of the following:		3-4
CS 1120 (810:056)	Media Computation	
CS 1130 (810:030)	Visual BASIC Programming	
CS 1140	Programming Environments for Secondary Education	
CS 1160 (810:036)	C/C++ Programming	
CS 1510 (810:051)	Introduction to Computing	
Total Hours		33-34

* MATH 1420 (800:060) has prerequisite of satisfactory score on mathematics placement exam or subsequent remediation.

Notes: For departmental approval to student teach, a student in the program must satisfy the University requirements to student teach and the following specific departmental requirements:

1) Must earn a C– or better in MATH 1420, MATH 1421, MATH 2500, MATH 2900, MATH 3302, MATH 3600, MATH 4500, and STAT 1772 or STAT 1774 or MATH 3751.

2) Must earn a grade of C or higher in MATH 2303 and MATH 3304.

3) Must complete all of the courses in the mathematics teaching minor with a grade point average of 2.50 or higher

Mathematics Minor (K-8)-Teaching

Required

Mathematics:

MATH 1204	Mathematical Reasoning for Elementary Teachers I	3
MATH 2204	Mathematical Reasoning for Elementary Teachers II	3
MATH 3204	Mathematical Reasoning for Elementary Teachers III	3
MATH 3211 (800:111g)	Introduction to Algebraic Thinking for Elementary Teachers	3
MATH 3212/5212 (800:112g)	Introduction to Geometry and Measurement for Elementary Teachers	3
MATH 3213/5213 (800:113g)	Topics in Mathematics for Grades K-8	3
MATH 3214/5214 (800:114g)	Problem Solving in Mathematics for Elementary Teachers	3
MATH 3215 (800:192)	Mathematics for Elementary Students with Special Needs	1
Computer Science:		
CS 1150	Programming Environments for Elementary Education	2
Total Hours		24

Statistics and Actuarial Science Minor

Required

Mathematics:

MATH 1420 (800:060)	Calculus I *	4
MATH 1421 (800:061)	Calculus II	4
STAT 1774 (800:064)	Introductory Statistics for Life Sciences	3
or STAT 1772 (800:072)	Introduction to Statistical Methods	
MATH 3752/5752 (800:152g)	Introduction to Probability	3
Electives		9
Mathematics:		
Select three of the following:		
ACT SCI 3731 (800:146)	Actuarial Examination Preparation	
ACT SCI 4739/5739 (800:158g)	Topics in Actuarial Science	
ACT SCI 4785/5785 (800:197g)	Introduction to Financial Engineering	
MATH 2422 (800:062)	Calculus III	
MATH 2500 (800:076)	Linear Algebra for Applications	
MATH 3780/5780 (800:145g)	Mathematics of Finance	
STAT 3771/5771 (800:121g)	Applied Statistical Methods for Research	
STAT 3775/5775 (800:174g)	Introduction to Mathematical Statistics	
STAT 3776/5776 (800:175g)	Regression Analysis	
STAT 3778/5778 (800:171g)	Spatial Data Analysis	
STAT 4772/5772 (800:122g)	Statistical Computing I	
STAT 4773/5773 (800:123g)	Design and Analysis of Experiments	
STAT 4777/5777 (800:157g)	Statistical Quality Assurance Methods	
STAT 4779/5779 (800:196g)	Applied Multivariate Statistical Analysis	
Total Hours		23

* MATH 1420 (800:060) has a prerequisite of satisfactory score on mathematics placement exam or subsequent remediation.

Master of Arts Degree Programs
Major in Mathematics

The major in Mathematics is available in three emphases: Mathematics, Secondary Teaching, and Community College Teaching.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

The Mathematics emphasis is available on the **thesis** and **non-thesis** options. A **minimum of 36 hours** is required for the **thesis** option, including 6 hours of MATH 6299 (800:299) and a **minimum of 15 additional hours of 200/6000-level course work**. A **minimum of 33 hours** is required for the **non-thesis** option, including a minimum of

3 hours of MATH 6299 (800:299) and a **minimum of 15 additional hours of 200/6000-level course work.**

The Secondary Teaching emphasis is offered on a **non-thesis** option only; a **minimum of 32 hours,** including a **minimum of 18 hours of 200/6000-level course work** is required.

The Community College Teaching emphasis is offered on a **non-thesis** option only; **a minimum of 33 hours**, including a **minimum of 15 hours of 200/6000-level course work** is required.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Mathematics for other application requirements. Graduate information and application for graduate admission can be found at www.grad.uni.edu/admission.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Courses taken to satisfy B.A. requirements may not be repeated to count toward the graduate program.

Successful completion of a final written comprehensive examination is required for the **non-thesis option on the Mathematics emphasis only**.

Mathematics Emphasis

Required

Mathematics:		
MATH 3630/5630 (800:155g)	Differential Geometry	3
or MATH 4615/5615 (800:189g)	Geometric Transformations	
MATH 6420 (800:201)	Mathematical Analysis I	3
MATH 6460 (800:203)	Complex Analysis I	3
MATH 6500 (800:240)	Abstract Algebra I	3
Select at least two of the following:		6
MATH 6421 (800:202)	Mathematical Analysis II	
MATH 6461 (800:204)	Complex Analysis II	
MATH 6501 (800:241)	Abstract Algebra II	
Research:		3 or 6
MATH 6299 (800:299)	Research *	
Thesis option (6 hours)		
Non-thesis option (3 hours)		
Electives		12
Mathematics:		
Select 12 hours from any of the courses listed above that were not used for the requirements there or from among the following:		
ACT SCI 4739/5739 (800:158g)	Topics in Actuarial Science	
MATH 3425/5425 (800:149g)	Differential Equations	
MATH 3430/5430 (800:150g)	Partial Differential Equations	
MATH 3440/5440 (800:176g)	Numerical Analysis	

MATH 3530/5530 (800:143g)	Combinatorics	
MATH 3640/5640 (800:180g)	History of Mathematics: To the Calculus	
MATH 3752/5752 (800:152g)	Introduction to Probability	
MATH 4421/5421 (800:141g)	Advanced Calculus II	
MATH 4460/5460 (800:156g)	Introduction to Complex Analysis	
MATH 4501/5501 (800:162g)	Modern Algebra II	
MATH 4641/5641 (800:167g)	Topology I	
MATH 6510 (800:210)	Theory of Numbers	
MATH 6640 (800:246)	Topics in the History of Mathematics	
MATH 6650 (800:263)	Topics in Mathematical Logic and Set Theory	
MATH 6779 (800:273)	Topics in Probability and Statistics	
STAT 3775/5775 (800:174g)	Introduction to Mathematical Statistics	
STAT 3776/5776 (800:175g)	Regression Analysis	
STAT 4777/5777 (800:157g)	Statistical Quality Assurance Methods	
STAT 4779/5779 (800:196g)	Applied Multivariate Statistical Analysis	
Total hours thesis option		36
Total hours non-thesis option		33

Secondary Teaching Emphasis

The Secondary Teaching emphasis is designed for secondary school mathematics teachers interested in developing a deeper background in mathematics and pedagogy to enhance teaching and increase student learning.

Required

Mathematics Education:		
MATH 6201 (800:220)	New Developments in Mathematics Education	3
MATH 6203 (800:222)	Contemporary Assessment in Mathematics Education I	2
MATH 6208	Contemporary Assessment in Mathematics Education II	1
MATH 6212 (800:211)	Algebraic Content and Pedagogy for Teachers	3
MATH 6215	Geometric Content and Pedagogy for Teachers	3
MATH 6230	Reflective Teaching-Cognitive Demand of Mathematical Tasks	1
MATH 6231	Reflective Teaching-Classroom Discourse	1

MATH 6232	Reflective Teaching: Meaningful Distributed Instruction	1
MATH 6234	Reflective Teaching: Leadership	1
MATH 6235	Reflective Teaching: Investigation of Classroom Practice	1
MATH 6381 (800:281)	Current Research in Mathematics Education	3
Mathematics:		
MATH 6370 (800:270)	Applied Linear Statistical Methods	3
MATH 6410	Foundations of Calculus	3
Select two courses from the following:		6
MATH 4501/5501 (800:162g)	Modern Algebra II	
or MATH 6500 (800:240)	Abstract Algebra I	
MATH 6371 (800:271)	Probability and Statistical Inference	
MATH 6530 (800:243)	Topics in Discrete Mathematics	
MATH 6670 (800:267)	Non-Euclidean Geometry	
Total Hours		32

Community College Teaching Emphasis

The Community College Teaching emphasis is designed to serve those seeking to prepare for a career in community college teaching or working professionals in the field who are seeking career advancement.

Required:

Mathematics Education:		
MATH 6201 (800:220)	New Developments in Mathematics Education	3
MATH 6208	Contemporary Assessment in Mathematics Education II	1
MATH 6230	Reflective Teaching-Cognitive Demand of Mathematical Tasks	1
MATH 6231	Reflective Teaching-Classroom Discourse	1
MATH 6232	Reflective Teaching: Meaningful Distributed Instruction	1
MATH 6234	Reflective Teaching: Leadership	1
MATH 6235	Reflective Teaching: Investigation of Classroom Practice	1
MATH 6381 (800:281)	Current Research in Mathematics Education	3
Mathematics:		
MATH 4501/5501 (800:162g)	Modern Algebra II	3
or MATH 6500 (800:240)	Abstract Algebra I	

MATH 6370 (800:270)	Applied Linear Statistical Methods	3
MATH 6371 (800:271)	Probability and Statistical Inference	3
MATH 6410	Foundations of Calculus	3
MATH 6530 (800:243)	Topics in Discrete Mathematics	3
MATH 6670 (800:267)	Non-Euclidean Geometry	3
Postsecondary Education:		
POSTSEC 6260 (170:260)	History of U.S. Higher Education	3
Total Hours		33

Major in Mathematics for the Middle Grades (4-8)

This major is intended for teachers interested in mathematics for the middle grades (4-8) and for mathematics specialists and supervisors. Teacher licensure is a prerequisite for completing the program approval process for this major. Normally, candidates will have at least 2 years teaching experience.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Mathematics for other application requirements. Graduate information and application for graduate admission can be found at www.grad.uni.edu/admission.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **non-thesis** option only; a **minimum of 32 hours** is required. **A minimum of 15 hours of 200/6000-level course work is required.**

Required

Mathematics Education:		
MATH 6201 (800:220)	New Developments in Mathematics Education	3
MATH 6203 (800:222)	Contemporary Assessment in Mathematics Education I	2
MATH 6204 (800:191g)	Contemporary Mathematics Curricula	2
MATH 6205 (800:215)	Teaching Rational Numbers and Proportionality	3
MATH 6208	Contemporary Assessment in Mathematics Education II	1
MATH 6210 (800:237)	Technology in Middle Grades Mathematics	1
MATH 6212 (800:211)	Algebraic Content and Pedagogy for Teachers	3
MATH 6215	Geometric Content and Pedagogy for Teachers	3
MATH 6224 (800:236)	Mathematics for the Middle Grades Teachers I	3

MATH 6226 (800:238)	Mathematics for the Middle Grades Teacher II	3
MATH 6230	Reflective Teaching-Cognitive Demand of Mathematical Tasks	1
MATH 6231	Reflective Teaching-Classroom Discourse	1
MATH 6232	Reflective Teaching: Meaningful Distributed Instruction	1
MATH 6234	Reflective Teaching: Leadership	1
MATH 6235	Reflective Teaching: Investigation of Classroom Practice	1
MATH 6381 (800:281)	Current Research in Mathematics Education	3
Total Hours		32

Professional Science Master's Degree Program

Major in Industrial Mathematics

The Professional Science Master's Degree in Industrial Mathematics is designed to prepare students for a career in industry. The curriculum combines a business and experiential component with advanced course work.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Mathematics for any other application requirements. Graduate information and application for graduate admission can be found at www.grad.uni.edu/admission.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is a **non-thesis** program. A **minimum of 30 hours** is required. **A minimum of 12 hours of 6000-level course work is required.**

No comprehensive examination is required for this **non-thesis** option.

Requirements for admission to the program include the completion of a bachelor's degree with a GPA of 3.00 or higher and successful completion of the following university-level courses:

Prerequisite Courses:

MATH 1420 (800:060)	Calculus I	4
MATH 1421 (800:061)	Calculus II	4
MATH 2422 (800:062)	Calculus III	4
MATH 2500 (800:076)	Linear Algebra for Applications	3
STAT 1772 (800:072)	Introduction to Statistical Methods	3

One course in computer programming (or equivalent):		
CS 1130 (810:030)	Visual BASIC Programming	3
CS 1160 (810:036)	C/C++ Programming	3
CS 1510 (810:051)	Introduction to Computing	4

This major requires completion of 9 hours of the PSM Industrial Mathematics core, and 21 hours of electives.

Required Core:

MATH 6745 (800:250)	Deterministic Operations Research	3
MATH 6747 (800:252)	Discrete-Event System Simulation	3
MATH 6796	PSM Capstone Project	3
Electives from the following:		21
Marketing:		
MKTG 4170/5170 (130:191g)	Marketing Strategy	
or MKTG 6170 (130:263)	Marketing Management	
Management:		
MGMT 6250 (150:250)	Strategic Planning and Organization Analysis	
MGMT 6262 (150:272)	Cross-Functional Operations	
Finance:		
FIN 3130/5130 (160:151g)	Corporation Finance	
FIN 3160/5160 (160:152g)	Principles of Investments	
FIN 6266 (160:266)	Financial Management and Markets	
Technology:		
TECH 3024/5024 (330:122g)	Advanced CAD and Modeling	
TECH 3147 (330:147)	Computer Aided Manufacturing	
Mathematics:		
ACT SCI 4735/5735 (800:153g)	Actuarial Mathematics	
ACT SCI 4739/5739 (800:158g)	Topics in Actuarial Science	
ACT SCI 4785/5785 (800:197g)	Introduction to Financial Engineering	
ACT SCI 4788/5788 (800:170g)	Loss Models	
MATH 3425/5425 (800:149g)	Differential Equations	
MATH 3430/5430 (800:150g)	Partial Differential Equations	
MATH 3440/5440 (800:176g)	Numerical Analysis	
MATH 3530/5530 (800:143g)	Combinatorics	
MATH 3630/5630 (800:155g)	Differential Geometry	

MATH 3752/5752 (800:152g)	Introduction to Probability	
MATH 3780/5780 (800:145g)	Mathematics of Finance	
MATH 4460/5460 (800:156g)	Introduction to Complex Analysis	
MATH 6746 (800:251)	Probabilistic Operations Research	
MATH 6748 (800:253)	Modeling Industrial Systems Using Queueing Networks	
MATH 6779 (800:273)	Topics in Probability and Statistics	
STAT 3771/5771 (800:121g)	Applied Statistical Methods for Research	
STAT 3775/5775 (800:174g)	Introduction to Mathematical Statistics	
STAT 3776/5776 (800:175g)	Regression Analysis	
STAT 3778/5778 (800:171g)	Spatial Data Analysis	
STAT 4772/5772 (800:122g)	Statistical Computing I	
STAT 4773/5773 (800:123g)	Design and Analysis of Experiments	
STAT 4777/5777 (800:157g)	Statistical Quality Assurance Methods	
STAT 4779/5779 (800:196g)	Applied Multivariate Statistical Analysis	
STAT 4782/5782	Statistical Computing II	
STAT 6772 (800:272)	Advanced Statistical Methods	
Computer Science:		
CS 3470/5470 (810:147g)	Networking	
CS 6400 (810:240)	Computer Systems	
Physics:		
PHYSICS 6100 (880:205)	Modeling and Simulation of Physical Systems	
Total Hours		30

Program Certificates

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following certificates, contact the Department of Mathematics or the Office of the Registrar, which serves as the centralized registry.

Statistical Computing Certificate

Required:		
STAT 3771/5771 (800:121g)	Applied Statistical Methods for Research	3
STAT 4772/5772 (800:122g)	Statistical Computing I	3
STAT 4782/5782	Statistical Computing II	3
Electives: 6 hours from the following		6

STAT 3776/5776 (800:175g)	Regression Analysis	
STAT 3778/5778 (800:171g)	Spatial Data Analysis	
STAT 4773/5773 (800:123g)	Design and Analysis of Experiments	
STAT 4779/5779 (800:196g)	Applied Multivariate Statistical Analysis	
Any other courses with the consent of the mathematics department		
Total Hours		15

Department of Military Science

www.uni.edu/rotc

The Department of Military Science offers the following minor program. Specific requirements for this program are listed within this Department of Military Science section:

Minor

- Military Science Minor

General-The Department of Military Science administers the Army Reserve Officers' Training Corps (ROTC) program at the University of Northern Iowa. Credits earned in the department count as general elective credits toward baccalaureate degree requirements or a minor in Military Science. All instructors in the department are career U.S. Army Officers. The course of instruction is designed to be a four-year program. Students with prior military experience may be allowed to complete the program in two years. Students who desire to receive a commission as an officer in the U.S. Army will be required to contract with the Department of the Army during the final two years of the course. They will receive *$9,500 per year stipend for two years* and will incur a service obligation upon graduation.

The Four-Year Program-The ROTC program is divided into two parts: the Basic Course and the Advanced Course each lasting two years. Students may be allowed to waive the Basic Course requirements with department head approval.

Required

Basic Course:		
MIL SCI 1091 (080:091)	Introduction to the Army and Critical Thinking	1
MIL SCI 1092 (080:092)	Introduction to the Profession of Arms	1
MIL SCI 1094 (080:093)	Army Doctrine and Team Development	2
MIL SCI 1093 (080:094)	Leadership and Decision Making	2
Advanced Course:		
MIL SCI 3116 (080:116)	Platoon Operations	3
MIL SCI 3117 (080:117)	Applied Leadership in Platoon Operations	3
MIL SCI 3118 (080:118)	Mission Command and the Army Profession	3

MIL SCI 3119 (080:119)	Mission Command and the Company Grade Officer	3
Electives		**15**
3 hours selected from each of the following fields:		
Written Communication, Human Behavior, Military History, Computer Literacy, Math Reasoning. *		
Total Hours		33

*   Liberal Arts Core courses taken in these areas are accepted as meeting the elective credit requirements.

For a student to receive a commission, s(he) must receive credit for the Basic Course and is required to take the Advanced Course. A Military Science minor is offered and consists of the following requirements:

Military Science Minor

Required

Military Science:		
MIL SCI 1091 (080:091)	Introduction to the Army and Critical Thinking *	1
MIL SCI 1092 (080:092)	Introduction to the Profession of Arms *	1
MIL SCI 1094 (080:093)	Army Doctrine and Team Development *	2
MIL SCI 1093 (080:094)	Leadership and Decision Making *	2
MIL SCI 3116 (080:116)	Platoon Operations	3
MIL SCI 3117 (080:117)	Applied Leadership in Platoon Operations	3
MIL SCI 3118 (080:118)	Mission Command and the Army Profession	3
MIL SCI 3119 (080:119)	Mission Command and the Company Grade Officer	3
Electives		**21**
Minimum of 3 hours selected from each of the following fields:		
Human Behavior, Military History, Computer Literacy, Management, Security Studies.		
Total Hours		39

*   Requirement may be waived by the Department Head.

The Simultaneous Membership Program. The Simultaneous Membership Program (SMP) allows contracted cadets to be members of the Iowa National Guard or the Army Reserve and Army ROTC simultaneously.

ROTC SMP cadets are paid at the rate of a Sergeant (E-5) for their one weekend a month training assemblies, plus up to $2871 a year in New G.I. Bill educational assistance benefits and a $350 kicker if qualified. Many ROTC SMP cadets also qualify for the Student Loan Repayment Program or tuition assistance.

ROTC Scholarships. U.S. Army ROTC two-, three-, and four-year scholarships are available. They cover all tuition and required educational fees at UNI, and provide $600 per semester for textbooks, supplies, and equipment.

Army ROTC scholarships also provide a subsistence allowance of up to $5,400 for each school year that the scholarship is in effect. Winning and accepting an ROTC scholarship does not preclude accepting other scholarships.

For additional information about U.S. Army ROTC scholarships, write to the Department of Military Science, ATTN: Scholarship Officer, University of Northern Iowa, Cedar Falls, IA 50614-0142; come in person to West Gym (Room 203), UNI campus; or call the Scholarship Advisor at 319-273-6178 or 319-273-6225. For further information see www.uni.edu/rotc.

G.I. Bill. Students participating in the Simultaneous Membership Program are entitled to the New G.I. Bill educational assistance benefits. Receiving the New G.I. Bill educational assistance benefits does not preclude a student from accepting an ROTC scholarship for the same period. Many students receiving the New G.I. Bill also qualify for the Student Loan Repayment Program.

Veterans. Veterans receive advanced placement credit for the entire Basic Course. Veterans receive an ROTC allowance in addition to their G.I. Bill benefits.

Special Schools. Both Basic and Advanced Course students can volunteer to attend special military schools such as Airborne School, Northern Warfare Training, or Air Assault Training.

Financial Assistance. As a minimum, all Advanced Course ROTC students receive $450-500 per month for each month of school (for up to 10 months per year) as a tax-free allowance. Students on scholarship, participating in the Simultaneous Membership Program, and veterans, will earn additional compensations as enumerated above. Students attending special training, such as The Military Leadership Practicum, receive a travel allowance and are paid while receiving the training. Uniforms and books for all classes taught by the Military Science Department are furnished, and a tax-free uniform allowance is provided to all students who complete the Advanced Course.

Additional Information. Additional information about the specific courses offered by the Department of Military Science can be found in course descriptions under Military Science. For additional information, write to the University of Northern Iowa, Department of Military Science, Cedar Falls, IA 50614-0142; come in person to West Gym 203, UNI campus; or call the student advisor at 319-273-6225. Please visit our Web site at *www.uni.edu/rotc*.

School of Music

(College of Humanities, Arts and Sciences)

www.uni.edu/music

The School of Music offers the following undergraduate and graduate programs and graduate program certificates. Specific requirements for these programs are listed within this School of Music section in the following order:

Undergraduate Major (B.A.)

- Music

Minors

- Jazz Studies

- Music

Undergraduate Majors (B.M.)

- Composition-Theory
- Music Education
- Performance

Graduate Major (M.A.)

- Music

Graduate Majors (M.M.)

- Composition
- Conducting
- Jazz Pedagogy
- Music Education
- Music History
- Performance
- Piano Performance and Pedagogy

Program Certificates

- Artist Diploma I
- Artist Diploma II

The School of Music offers majors and minors under two baccalaureate degrees: the Bachelor of Arts and the Bachelor of Music.

The Music major under the Bachelor of Arts degree is a liberal arts program for the student interested in combining the discipline of music training with the breadth offered by a liberal arts curriculum. Five tracks are available to pursue within this degree program.

The Music Education major is a professional Bachelor of Music degree designed to prepare the student for a teaching career and provides licensure in music for grades K-8 and 5-12. The Composition-Theory and Performance majors are professional Bachelor of Music degrees designed to prepare the student for 1) a career as a composer or an artist-performer, or 2) entrance to graduate schools where further excellence in composition or in a performance area might be pursued.

General Requirements for Undergraduate Majors

Music majors on all degree programs must choose an area of applied music (MUS APPL xxx/540:xxx) for specialization and must meet the proficiency standards of the School of Music. The total required applied hours indicated for each major must be completed on one of the specialization instruments or voice on which the student auditioned. Dividing the required applied hours among various instruments, or voice and instrument(s), will not satisfy the applied music portion of any of the degree programs.

Auditions: All music majors pursuing Bachelor of Music (BM) degree programs must pass a musical performance audition on the instrument/voice of the student's choice for admission to the School of Music. All music majors pursuing the Bachelor of Arts (BA) degree programs must pass a musical performance

audition on the instrument/voice of the student's choice or submit a composition portfolio.

Piano Proficiency: Required of **all** majors. All freshmen will enroll in group piano class or applied piano continuously (semester by semester) until piano proficiency has been passed. For Music Education majors, requirements must be completed prior to student teaching.

Piano proficiency requirements for each of the degree programs:

BA, *all five tracks: Group Piano II (C- or better)*

BM Performance, both vocal and instrumental: Group Piano II (C- or better)

BM Education, Instrumental: Group Piano III (C or better) + Proficiency Exam Passed

BM Education, Vocal: Group Piano III (C or better) + Proficiency Exam Passed followed by 2 semesters of Applied Piano Beyond Proficiency: Mus Appl 2600 (01-Vorobiev; 02-Guy; 03-Botkin; 04-Camilli)

BM Composition Theory: Group Piano III (C or better) + Proficiency Exam Passed followed by 2 semesters of Applied Piano Beyond Proficiency: Mus Appl 2600 (01-Vorobiev; 02-Guy; 03-Botkin; 04-Camilli)

Vocal and Instrumental Competency: Required of all Music Education Majors. Instrumental students (Specialization B) will attend special sections of MUS ED 1100 (570:010) Instrumental Techniques taught by instrumental faculty. Keyboard majors enrolling for Specialization A must also satisfy vocal proficiency as determined by the voice faculty.

Foreign Language: Bachelor of Music Performance voice majors are required to complete one semester (5 credits-UNI) at the college/university level in each of two foreign languages (selected from Italian, German, or French). Ten (10) semester hours of credit in a foreign language are strongly recommended for students whose applied concentration is voice (Music Education major) and for all non-voice majors on the Bachelor of Music Performance program.

Large Ensembles: In addition to applied music, all music majors must participate in at least one of the designated large ensembles for a minimum of 8 semesters (6 semesters for students in the music education program). Participation in large ensembles will be continuous from the first semester of residence until completion of the requirement. Participation in ensemble [MUS ENS 1120 (530:012), MUS ENS 3120/5120 (530:112g)] does not satisfy the large ensemble requirement. Auditions are required for all ensembles in the School of Music, and students will be assigned to ensembles according to audition results.

- Wind and percussion students will be assigned to an appropriate instrumental ensemble. All wind and percussion students who are pursuing the degree of Bachelor of Music in Music Education are required to participate in marching band for a minimum of two semesters. (It is strongly recommended that this requirement be fulfilled during the freshman and sophomore years.) B.A. Music: Jazz Studies majors will be assigned to the appropriate large jazz ensemble (sections 02, 03, or 04).

- In the fall semester, participation in either Concert Band or Jazz Band I and II may satisfy the large ensemble requirement for students in select degree programs or those who have completed their respective marching band requirements. All students must meet audition requirements for the two above ensembles.

- String players will participate in the orchestra.

- The initial choral ensemble for all freshmen voice students will be either UNI Singers or Women's Chorus. Freshmen are limited to participation in only one vocal large ensemble. Students performing targeted roles in UNI Opera main stage productions are exempt from ensemble participation for four (4) weeks preceding the final performance of the production.

- Composition and Keyboard majors will audition for either an instrumental or a choral large ensemble. Keyboard majors in the music education program shall participate in an ensemble appropriate to their specialization.

Bachelor of Arts Degree Programs
Music Major

The Music major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

B.A. Music majors are not permitted to declare a double major within the School of Music.

B.A. Core Curriculum (34 hours) - required of all B.A. tracks

Applied Music (540:xxx), including 2 hours of 100/3000/4000-level work in major area		12
Music Theory:		
MUS THEO 1110 (580:011)	Theory I	2
MUS THEO 1120 (580:012)	Theory II	2
MUS THEO 1150 (580:015)	Aural Training I	1
MUS THEO 1160 (580:016)	Aural Training II	1
MUS THEO 1250 (580:025)	Sight-Singing I	1
MUS THEO 1260 (580:026)	Sight-Singing II	1
MUS THEO 2130 (580:013)	Theory III	2
MUS THEO 2140 (580:014)	Theory IV *	2
MUS THEO 2170 (580:017)	Aural Training III	1
MUS THEO 2270 (580:027)	Sight-Singing III	1
Music History and Musicology:		
MUS HIST 1010 (590:001)	History of Music I: Antiquity Through Renaissance	2
MUS HIST 1020 (590:002)	History of Music II: Baroque and Classical	3
MUS HIST 1030 (590:003)	History of Music III: Romantic, Twentieth, and Twenty-First Centuries	3
Total Hours		34

* The corequisites for MUS THEO 2140 (580:014) [MUS THEO 2180 (580:018) and MUS THEO 2280 (580:028)] are only required for students pursuing Track 1 General Studies in Music.

Additional requirements: senior recital (half recital) - (may take the form of a performance, composition, or an essay). Up to two credit hours of large ensemble, 530:1xx/MUS ENS 3xxx, may be counted toward the 100/3000/4000-level music elective.

Tracks (choose 1, 2, 3, 4, or 5 below)

1. **General Studies in Music** (12 hours beyond Core)

Required

B.A. Core	34
Applied Music: MUS APPL xxxx (540:xxx), including 2 additional hours of 100/3000/4000-level work in major area	4
Music Theory:	
MUS THEO 2180 (580:018) Aural Training IV	1
MUS THEO 2280 (580:028) Sight-Singing IV	1
MUS THEO 3100 (580:110) Analysis of Music	2
Electives *	4
Total Hours	46

* Electives in music (limited to 100/3000/4000-level courses in the following areas only: MUS TECH xxxx (560:xxx), MUS ED xxxx (570:xxx), MUS THEO xxxx (580:xxx), MUS HIST xxxx (590:xxx), MUS LIT xxxx (595:xxx). Students who choose composition as their concentration will elect MUS THEO 3250/5250 (580:125g).

2. **Jazz Studies** (15 hours beyond Core)

Required

B.A. Core (exclude MUS HIST 1010 (590:001))		32
Jazz Ensembles		
MUS ENS 3160/5160 (530:116g)	Jazz Band (must select Jazz Combo section)	2
Applied Improvisation: *		2
MUS APPL 3550/5550 (540:155g)	Jazz Improvisation	
Instrumental Jazz Improvisation: **		
MUS TECH 1500	Instrumental Jazz Improvisation - Theory	1
or MUS TECH 3500/5500	Instrumental Jazz Improvisation - Theory	
MUS TECH 1530	Instrumental Jazz Improvisation I	1
or MUS TECH 3530/5530	Instrumental Jazz Improvisation I	
MUS TECH 1550	Instrumental Jazz Improvisation II	1
or MUS TECH 3550/5550	Instrumental Jazz Improvisation II	
Jazz Arranging/Composition:		
MUS THEO 3270/5270 (580:127g)	Jazz Arranging I	2
MUS THEO 3280/5280 (580:128g)	Jazz Arranging II	2

MUS THEO 3320/5320 (580:132g)	Jazz Composition Class	1
Jazz History:		
MUS HIST 3600/5600 (590:160g)	Jazz History and Styles [***]	3
Total Hours		47

[*]   Upon completion of required hours of traditional applied music and the 3 hours of Instrumental Jazz Improvisation [MUS TECH 1500/MUS TECH 3500/5500, MUS TECH 1530/MUS TECH 3530/5530, MUS TECH 1550/MUS TECH 3550/5550], students must take two semesters of Applied Improvisation, any section, for 1 hour of credit per semester.

[**]   Three sections, 1 hour each - Jazz Theory, Beginning Improvisation, Intermediate Improvisation

[***]   Substitution for MUS HIST 1010 (590:001).

Admission to this track is by special audition/interview only, in addition to the audition for all music majors.

3.   **String Pedagogy** (19 hours beyond Core)

Required

B.A. Core		34
Chamber Music:		
MUS ENS 3121/5121	Chamber Music	2
Applied Music [*]		4
Techniques (High and Low Strings):		
MUS ED 1100 (570:010)	Instrumental Techniques	2
Instrumental Pedagogy (String):		4
MUS ED 3380/5380 (570:138g)	Instrumental Pedagogy (repeat, taking 2 sections)	
Methods:		
MUS ED 4161 (570:161)	Instrumental Methods I: Strings [**]	1
Music Theory:		
MUS THEO 3100 (580:110)	Analysis of Music	2
Music Literature:		
MUS LIT 3200/5200 (595:120g)	Performance Literature: _____ (Strings-06)	2
Internship:		
MUS ED 3030 (570:103)	Internship in String Pedagogy	2
Total Hours		53

[*]   (including 2 hours of a secondary stringed instrument): MUS APPL xxxx (540:xxx)

[**]   MUS ED 4161 (570:161) has prerequisite of MUS ED 1500 (570:050). Students pursuing Track 3 are not required to have the prerequisite MUS ED 1500 (570:050).

Full Recital (must include at least one selection performed on secondary string instrument).

Admission to this track is by special audition/interview only, in addition to audition required of all music majors.

4.   **Performing Arts Management** (20 hours beyond Core)

Required

B.A. Core		34
Accounting:		
ACCT 2120 (120:030)	Principles of Financial Accounting	3
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing	3
Management/Music Techniques:		
MGMT 3153 (150:153)	Organizational Management	3
MUS TECH 3110/5110 (560:111g)	Performing Arts and Entertainment Law	3
MUS TECH 3120/5120 (560:112g)	Performing Arts Management	3
MUS TECH 4130 (560:113)	Senior Project, Performing Arts Management	0
Music Education and Methods:		
MUS ED 3010 (570:101)	Performing Arts Management Internship	2
Economics:		
ECON 1031 (920:024)	Introduction to Economics	3
Total Hours		54

Interview required for admission to this program, in addition to the audition required of all music majors.

5.   **Music Technology** (17 hours beyond Core)

Required

B.A. Core		34
Communication Studies Production courses:		3
COMM DM 3950	Advanced Applied Digital Media	
Music Technology:		8
MUS THEO 3220/5220 (580:122g)	Music and Technology	
MUS THEO 3230/5230 (580:123g)	Music Technology, Advanced	
Composition (focus on electronic music):		2
MUS THEO 1300 (580:030)	Composition Class (electronic section)	
Internships (recording and sound engineering):		1
MUS ED 3020 (570:102)	Music Technology Internship	
Senior Project in Music Technology:		0
MUS THEO 4900 (580:190)	Senior Project, Music Technology	
Music Electives [*]		3
Total Hours		51

Interview required for admission to this program, in addition to the audition required of all music majors.

*   Electives in music (limited to 100/3000/4000-level courses in the following areas only: MUS TECH xxxx (560:xxx), MUS ED xxxx (570:xxx), MUS THEO xxxx (580:xxx), MUS HIST xxxx (590:xxx), MUS LIT xxxx (595:xxx). Students who choose composition as their concentration will elect MUS THEO 3250/5250 (580:125g).

Minors
Jazz Studies Minor

Jazz Studies minors are not permitted to declare the Jazz Specialization C within the Music Education major.

Required

Music, Organizations and Ensembles: MUS ENS (530:x16) (Jazz Bands and Combos)		6
Applied Music [MUS APPL xxxx (540:xxx)]		4
Music Techniques:		
MUS TECH 1500	Instrumental Jazz Improvisation - Theory	1
or MUS TECH 3500/5500	Instrumental Jazz Improvisation - Theory	
MUS TECH 1530	Instrumental Jazz Improvisation I	1
or MUS TECH 3530/5530	Instrumental Jazz Improvisation I	
MUS TECH 1550	Instrumental Jazz Improvisation II	1
or MUS TECH 3550/5550	Instrumental Jazz Improvisation II	
Music Theory:		
MUS THEO 3270/5270 (580:127g)	Jazz Arranging I	2
MUS THEO 3280/5280 (580:128g)	Jazz Arranging II	2
MUS THEO 3320/5320 (580:132g)	Jazz Composition Class	1
Music History and Musicology:		
MUS HIST 3600/5600 (590:160g)	Jazz History and Styles	3
Total Hours		21

Departmental audition requirements apply to this minor.

Music Minor

Required

Music:		
MUSIC 1100 (520:010)	Soundscapes: Music in Culture	3
Music, Organizations and Ensembles (MUS ENS xxxx/530:xxx):		2
Applied Music (MUS APPL xxxx/540:xxx)		4
Music Theory:		
MUS THEO 1110 (580:011)	Theory I	2
MUS THEO 1120 (580:012)	Theory II	2
MUS THEO 1150 (580:015)	Aural Training I	1
MUS THEO 1160 (580:016)	Aural Training II	1
MUS THEO 1250 (580:025)	Sight-Singing I	1

MUS THEO 1260 (580:026)	Sight-Singing II	1
Electives in music: (MUS TECH xxxx/560:xxx, MUS ED xxxx/570:xxx, MUS THEO xxxx/580:xxx, MUS HIST xxxx/590:xxx, MUS LIT xxxx/595:xxx)		7
Total Hours		24

Departmental audition requirements apply to this minor.

Bachelor of Music Degree Programs
Composition-Theory Major

The B.M. Composition-Theory major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements to complete the minimum of 120 hours.

Required

Music Theory/Applied Music:		
Composition Class:		
MUS THEO 1300 (580:030)	Composition Class	2
Music and Technology:		
MUS THEO 3220/5220 (580:122g)	Music and Technology	4
Applied Composition:		
MUS APPL 1540 (540:054)	Composition	4
MUS APPL 3540/5540 (540:154g)	Composition	12
Music, Organizations and ensembles [MUS ENS xxxx (530:xxx)]		8
Applied Music: Applied Piano: *		
MUS APPL 2600 (540:060)	Applied Piano Beyond Proficiency	2
Music Techniques:		6
MUS TECH 1500/3500	Instrumental Jazz Improvisation - Theory	
Select one of the following:		
MUS TECH 1170 (560:017)	Conducting I--Instrumental	
or MUS TECH 1180 (560:018)	Conducting I--Choral	
MUS TECH 1210 (560:021)	Conducting II--Instrumental	
or MUS TECH 1220 (560:022)	Conducting II--Choral	
Music Theory:		
MUS THEO 1110 (580:011)	Theory I	2
MUS THEO 1120 (580:012)	Theory II	2
MUS THEO 1150 (580:015)	Aural Training I	1
MUS THEO 1160 (580:016)	Aural Training II	1
MUS THEO 1250 (580:025)	Sight-Singing I	1
MUS THEO 1260 (580:026)	Sight-Singing II	1
MUS THEO 2130 (580:013)	Theory III	2
MUS THEO 2140 (580:014)	Theory IV	2
MUS THEO 2170 (580:017)	Aural Training III	1

MUS THEO 2180 (580:018)	Aural Training IV	1
MUS THEO 2270 (580:027)	Sight-Singing III	1
MUS THEO 2280 (580:028)	Sight-Singing IV	1
MUS THEO 3100 (580:110)	Analysis of Music	2
MUS THEO 3250/5250 (580:125g)	Counterpoint Survey	3
MUS THEO 3260/5260 (580:126g)	Orchestration	3
Music History and Musicology:		
MUS HIST 1010 (590:001)	History of Music I: Antiquity Through Renaissance	2
MUS HIST 1020 (590:002)	History of Music II: Baroque and Classical	3
MUS HIST 1030 (590:003)	History of Music III: Romantic, Twentieth, and Twenty-First Centuries	3
Select one of the following:		3
MUS HIST 3xxx (590:1xx)		
MUS LIT 3xxx (595:1xx)		
Electives in music: (100/3000/4000-level)		6
The following jazz courses are recommended:		
MUS THEO 3270/5270 (580:127g)	Jazz Arranging I	
MUS THEO 3280/5280 (580:128g)	Jazz Arranging II	
MUS THEO 3320/5320 (580:132g)	Jazz Composition Class	
Total Hours		79

*   Taken beyond MUS APPL 1467 (540:P46)

Additional requirements:

1. Senior Project: In the last semester before graduation, the student must have completed a large work for orchestra or wind symphony (or some other option with the consent of the composition faculty). The work will be given a reading, the date of which is to be determined by the director of the ensemble. The director shall also dictate the date of delivery for the score and parts. The student will prepare the score and parts using an industry standard computer notation/printing program such as Finale or Sibelius.

2. Majors are expected to present regular performances of their pieces on the Student Composers Concert series (minimum of five performances).

3. Majors must have a grade of B or better in Analysis MUS THEO 3100 (580:110) before they can take Counterpoint Survey MUS THEO 3250/5250 (580:125g) .

4. Senior recital (full recital).

Music Education Major *(Extended Program)*

The B.M. Music Education major requires a minimum of 132 total hours for Specialization A, minimum of 133 total hours for Specialization B, and a minimum of 143 total hours for Specialization C to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements, and the specified major requirements to complete the minimum of 132, 133 or 143 hours (depending on specialization).

Required

Music, Organizations and Ensembles (MUS ENS xxxx/530:xxx)		6
Applied Music (MUS APPL xxxx/540:xxx) see specializations below:		
Music Education and Methods:		
MUS ED 1500 (570:050)	Introduction to Music Education	2
MUS ED 3410 (570:141)	Elementary/General Music Methods	3
Music Theory:		
MUS THEO 1110 (580:011)	Theory I	2
MUS THEO 1120 (580:012)	Theory II	2
MUS THEO 1150 (580:015)	Aural Training I	1
MUS THEO 1160 (580:016)	Aural Training II	1
MUS THEO 1250 (580:025)	Sight-Singing I	1
MUS THEO 1260 (580:026)	Sight-Singing II	1
MUS THEO 2130 (580:013)	Theory III	2
MUS THEO 2140 (580:014)	Theory IV	2
MUS THEO 2170 (580:017)	Aural Training III	1
MUS THEO 2180 (580:018)	Aural Training IV	1
MUS THEO 2270 (580:027)	Sight-Singing III	1
MUS THEO 2280 (580:028)	Sight-Singing IV	1
MUS THEO 3100 (580:110)	Analysis of Music	2
Music History and Musicology:		
MUS HIST 1010 (590:001)	History of Music I: Antiquity Through Renaissance	2
MUS HIST 1020 (590:002)	History of Music II: Baroque and Classical	3
MUS HIST 1030 (590:003)	History of Music III: Romantic, Twentieth, and Twenty-First Centuries	3
Core total applicable to all specializations below		37
Major total with Specialization A		66
Major total with Specialization B		67
Major total with Specialization C		77

Specializations (choose A, B, or C below)-

Specialization A (Choral/General: K-8, 5-12)

Applied Music: (MUS APPL xxxx/540:xxx) including at least 4 hours of 100/3000/4000-level work in major area:		12
Applied Music: Applied Piano: [*]		
MUS APPL 2600 (540:060)	Applied Piano Beyond Proficiency	2
Music Techniques:		
MUS TECH 1180 (560:018)	Conducting I--Choral	2
MUS TECH 1220 (560:022)	Conducting II--Choral	3
MUS TECH 1300 (560:030)	Diction for Singers I	1
MUS TECH 1310 (560:031)	Diction for Singers II	1

MUS ED 3680	Instrumental Methods for Choral Majors	1
MUS ED 1750 (570:075)	Guitar in the Classroom	2
MUS ED 3300/5300 (570:130g)	Vocal Pedagogy	2
MUS ED 3650 (570:165)	Choral Methods and Materials	3
Total Hours		29

*   Taken beyond MUS APPL 1467 (540:P46).

Specialization B (Instrumental/General: K-8, 5-12)

Applied Music (MUS APPL xxxx/540:xxx) including at least 4 hours of 100/3000/4000-level work in major area		14
Music Techniques:		
MUS TECH 1170 (560:017)	Conducting I--Instrumental	2
MUS TECH 1210 (560:021)	Conducting II--Instrumental	3
MUS ED 1100 (570:010)	Instrumental Techniques	6
MUS ED 3640 (570:164)	Instrumental Methods IV: Jazz Band	1
MUS ED 3660	Field Experience in Music Education	1
MUS ED 3670	Choral Methods for Instrumental Majors	1
MUS ED 4161 (570:161)	Instrumental Methods I: Strings	1
MUS ED 4162 (570:162)	Instrumental Methods II: Marching Band	1
Total Hours		30

*   6 hrs., including one course each from brass, percussion, strings, and woodwinds.

Specialization C (Jazz/General: K-8, 5-12)

Applied Music (MUS APPL xxxx/540:xxx) including at least 4 hours of 100/3000/4000-level work in major area:		14
Music Techniques:		8
MUS TECH 1170 (560:017)	Conducting I--Instrumental	
MUS TECH 1210 (560:021)	Conducting II--Instrumental	
MUS TECH 1500	Instrumental Jazz Improvisation - Theory	
or MUS TECH 3500/5500	Instrumental Jazz Improvisation - Theory	
MUS TECH 1530	Instrumental Jazz Improvisation I	
or MUS TECH 3530/5530	Instrumental Jazz Improvisation I	
MUS TECH 1550	Instrumental Jazz Improvisation II	
or MUS TECH 3550/5550	Instrumental Jazz Improvisation II	
MUS ED 3670	Choral Methods for Instrumental Majors	1
MUS ED 1100 (570:010)	Instrumental Techniques	6

MUS ED 3640 (570:164)	Instrumental Methods IV: Jazz Band	1
MUS ED 3660	Field Experience in Music Education	1
MUS ED 4161 (570:161)	Instrumental Methods I: Strings	1
MUS ED 4162 (570:162)	Instrumental Methods II: Marching Band	1
Music Theory:		
MUS THEO 3270/5270 (580:127g)	Jazz Arranging I	2
MUS THEO 3280/5280 (580:128g)	Jazz Arranging II	2
Music History and Musicology:		
MUS HIST 3600/5600 (590:160g)	Jazz History and Styles	3
Total Hours		40

Note: Music Education majors will meet the requirements of MEASRES 3150 (250:150) Classroom Assessment (Professional Education Requirements), by completing MUS ED 3410 (570:141) (all majors), and MUS ED 3640 (570:164), MUS ED 4161 (570:161), and MUS ED 4162 (570:162)(instrumental and jazz majors), ; **or** MUS ED 3650 (570:165) (Choral/General majors). They will meet the requirements of INSTTECH 1020 (240:020) Secondary Educational Technology and Design by completing MUS ED 1500 (570:050) Introduction to Music Education. These options remain valid only for those students who complete their undergraduate degrees in music education.

Additional Major Requirements:

1. For all specializations: degree recital (half recital), which must be completed prior to student teaching.

2. For specialization C (Jazz): two (2) semesters of jazz combo are required in addition to the large ensemble requirement (6 hours) of orchestra, chorus or band.

3. For all specializations: students must have a minimum grade of C in all music subjects and pass the degree recital in order to qualify for student teaching.

4. Large ensemble requirements for guitar majors can be fulfilled by participation in either Jazz I, II, III, or IV, or a jazz combo.

Note: Students declaring the Jazz Specialization C cannot double major in Instrumental Specialization B within the Music Education Major.

Performance Major

The B.M. Performance major requires a minimum of 121 total hours to graduate for Track A (Instrumental) and 127 hours to graduate for Track B (Vocal). This total includes Liberal Arts Core requirements and the following specified major requirements to complete the minimum of 121 hours (Track A) and 127 hours (Track B).

Track A (Instrumental)

Required

Music, Organizations and Ensembles (MUS ENS xxxx/530:xxx):	8

Applied Music (MUS APPL xxxx/540xxx) including at least 12 hours of 100/3000/4000-level work in the major area:		22
Music Techniques:		
MUS TECH 1170 (560:017)	Conducting I--Instrumental	2
MUS TECH 1210 (560:021)	Conducting II--Instrumental	3
Music Pedagogy:		
Select one of the following:		2
MUS ED 3380/5380 (570:138g)	Instrumental Pedagogy (instrumental majors) [*]	
MUS ED 3480/5480 (570:148g)	Piano Pedagogy: Elementary (keyboard majors)	
Music Theory:		
MUS THEO 1110 (580:011)	Theory I	2
MUS THEO 1120 (580:012)	Theory II	2
MUS THEO 1150 (580:015)	Aural Training I	1
MUS THEO 1160 (580:016)	Aural Training II	1
MUS THEO 1250 (580:025)	Sight-Singing I	1
MUS THEO 1260 (580:026)	Sight-Singing II	1
MUS THEO 2130 (580:013)	Theory III	2
MUS THEO 2140 (580:014)	Theory IV	2
MUS THEO 2170 (580:017)	Aural Training III	1
MUS THEO 2180 (580:018)	Aural Training IV	1
MUS THEO 2270 (580:027)	Sight-Singing III	1
MUS THEO 2280 (580:028)	Sight-Singing IV	1
MUS THEO 3100 (580:110)	Analysis of Music	2
MUS THEO 3xxx/4xxx (580:1xx)		3
Music History and Musicology/Performance Literature and Repertory:		
MUS HIST 1010 (590:001)	History of Music I: Antiquity Through Renaissance	2
MUS HIST 1020 (590:002)	History of Music II: Baroque and Classical	3
MUS HIST 1030 (590:003)	History of Music III: Romantic, Twentieth, and Twenty-First Centuries	3
MUS LIT 3200/5200 (595:120g)	Performance Literature: _____	2
MUS HIST 3xxx/4xxx (590:1xx)		3
Electives: MUS APPL xxxx (540:xxx), maximum of 4 hrs.), MUS TECH xxxx (560:xxx), MUS ED xxxx (570:xxx), MUS THEO xxxx (580:xxx), MUS HIST xxxx (590:xxx), MUS LIT xxxx (595:xxx) only		9
Total Hours		80

[*]   MUS ED 3380/5380 (570:138g) has prerequisite of MUS ED 1100 or teaching experience.

Track B (Vocal)

Required

Music, Organizations and Ensembles [MUS ENS xxxx (530:xxx)]:	8

Applied Music [MUS APPL xxxx (540:xxx)] including at least 12 hours of 100/3000/4000-level work in the major area:		22
Music Techniques:		
MUS TECH 1180 (560:018)	Conducting I--Choral	2
MUS TECH 1300 (560:030)	Diction for Singers I	1
MUS TECH 1310 (560:031)	Diction for Singers II	1
MUS TECH 1320 (560:032)	Diction for Singers I Performance Lab	1
MUS TECH 1330 (560:033)	Diction for Singers II Performance Lab	1
MUS TECH 1600 (560:060)	Opera Performance I	1
MUS TECH 3610/5610 (560:161g)	Opera Performance II	2
Music Pedagogy:		
MUS ED 3300/5300 (570:130g)	Vocal Pedagogy	2
Music Theory:		
MUS THEO 1110 (580:011)	Theory I	2
MUS THEO 1120 (580:012)	Theory II	2
MUS THEO 1150 (580:015)	Aural Training I	1
MUS THEO 1160 (580:016)	Aural Training II	1
MUS THEO 1250 (580:025)	Sight-Singing I	1
MUS THEO 1260 (580:026)	Sight-Singing II	1
MUS THEO 2130 (580:013)	Theory III	2
MUS THEO 2140 (580:014)	Theory IV	2
MUS THEO 2170 (580:017)	Aural Training III	1
MUS THEO 2180 (580:018)	Aural Training IV	1
MUS THEO 2270 (580:027)	Sight-Singing III	1
MUS THEO 2280 (580:028)	Sight-Singing IV	1
MUS THEO 3100 (580:110)	Analysis of Music	2
Music History and Musicology/Performance Literature and Repertory:		
MUS HIST 1010 (590:001)	History of Music I: Antiquity Through Renaissance	2
MUS HIST 1020 (590:002)	History of Music II: Baroque and Classical	3
MUS HIST 1030 (590:003)	History of Music III: Romantic, Twentieth, and Twenty-First Centuries	3
MUS LIT 3200/5200 (595:120g)	Performance Literature: _____	2
MUS HIST 3xxx/4xxx (590:1xx) and/or MUS LIT 3xxx/4xxx (595:1xx)		3
Electives: MUS APPL xxxx (540:xxx),maximum of 4 hrs., MUS TECH xxxx (560:xxx), MUS ED xxxx (570:xxx), MUS THEO xxxx (580:xxx), MUS HIST xxxx (590:xxx), MUS LIT xxxx (595:xxx) only		8
Total Hours		80

Additional Requirements (both tracks):

1. Junior recital (half recital).
2. Senior recital (full recital).

3. Voice majors are required to complete one semester of college level study in two languages other than English (selected from German, French, and Italian), and are strongly recommended to take MUS LIT 3200/5200 (595:120g) Performance Literature for Voice II.

Note: Performance majors who desire teaching licensure can complete the music methods requirements under the Music Education major and the Professional Education Requirements.

Master of Arts Degree Program
Major in Music

*Students wishing to take a course for graduate credit in the School of Music, or wishing to pursue a degree program in this department, must consult with the **Associate Director of the School of Music for Graduate Studies** prior to registration for any course. Detailed information concerning requirements and procedures will be provided, and specified evidence of previous accomplishments will be reviewed.*

The Graduate Record Examination (General Test) **is not** required for admission to the program.

The M.A. Major in Music involves a course of study comprising a minimum of specialization in an applied area and a maximum of curricular flexibility. (Master of Music majors are listed immediately following the M.A. in Music.)

An applicant for a graduate degree program in the School of Music should possess the baccalaureate degree in music or a demonstrated equivalent. The student should have attained a high degree of proficiency in one or more of the following areas: performance, theory-composition, music education, or music history. Applicants must audition in person in their applied specialization (an audio recording would be accepted if the in-person audition would pose undue hardship).

A prospective major must take a written diagnostic examination in the areas of theory, music history, and expository writing skills. This examination normally is taken immediately prior to initial registration as a graduate student. If necessary, a student will take courses to make up any deficiency; such courses will not count toward degree requirements.

Students who plan to receive the degree Master of Arts (M.A.) must meet the graduate regulations and requirements for the master's program and the specific major requirements.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the School of Music for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

Program Requirements

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **thesis** and **non-thesis** options, and requires a **minimum of 30 semester hours**. Students selecting the non-thesis option will write a research paper. **A minimum of 15 hours of 200/6000-level course work is required for the thesis option,** **including 6 hours of _____ 6299 (5xx:299) Research. A minimum of 12 hours of 200/6000-level course work is required for the non-thesis option, including 3 hours of _____:6299 (299) Research [course prefix for 6299 Research: MUSIC, MUS ED, MUS HIST, MUS LIT, MUS TECH, MUS THEO].**

Successful completion of a final comprehensive written examination is required for both **thesis** and **non-thesis** options. This examination normally will take place after the candidate has completed the course work required for the degree. **The grade B- or above is required for all courses in the Graduate Music Core.** Under extenuating circumstances, exceptions to this policy must be approved by the instructor of record, the Associate Director for Graduate Studies and the Director of the School of Music. For discussion of credit for applied music under the M.A. degree, see course descriptions Music, Applied. For more information visit *www.uni.edu/music*.

Graduate Music Core

Music Theory:		
MUS THEO 6100 (580:210)	Analytical Techniques I	3
MUS THEO 6110 (580:211)	Analytical Techniques II	3
Music History and Musicology:		
MUS HIST 6220 (590:222)	Research and Writing in Music	3
Music Literature:		
Select one from the following:		3
MUS HIST 3100/5100 (590:110g)	Music History--Middle Ages and Renaissance	
MUS HIST 3110/5110 (590:111g)	Music History--Baroque	
MUS HIST 3120/5120 (590:112g)	Music History--Classic	
MUS HIST 3140/5140 (590:114g)	Music History--Romantic	
MUS HIST 3150/5150 (590:115g)	Music History--20th Century	
Specialization: Applied Music:		**4**
MUS APPL 5xxx (540:1xxg)		
Research:		3 or 6
(6 hours of ___6299 (5xx:299) Research for thesis option [*]		
(3 hours of _____ 6299 (5xx:299) Research for non-thesis option [*]		
Electives: music (all areas except applied music)		**8**
Other electives as approved by the department		**0 or 3**
Thesis option - 0 hrs		
Non-thesis option - 3 hrs		
Total hours		30

[*]   _____:6299 (299) Research [course prefix MUSIC, MUS ED, MUS HIST, MUS LIT, MUS TECH, MUS THEO.

Master of Music Degree Programs

*Students wishing to take a course for graduate credit in the School of Music or wishing to pursue a degree program in this department must consult with the **Associate Director for Graduate Studies in Music** prior to registration for the course. Detailed information concerning*

requirements and procedures will be provided, and specific evidence of previous accomplishments will be reviewed.

The Master of Music degree is a professional degree designed to prepare the graduate for:

1. enhanced opportunity in public and private school music teaching

2. a college teaching career

3. a performance career as a professional musician or composer

4. further graduate work at the doctoral level. The following majors are offered:

- Composition
- Conducting
- Jazz Pedagogy
- Music Education
- Music History
- Performance
- Piano Performance and Pedagogy

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the School of Music for other application requirements. Graduate Information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

An applicant for a graduate degree program in the School of Music should possess the baccalaureate degree in music or a demonstrated equivalent. The student should have attained a high degree of proficiency in one or more of the following areas: performance, theory-composition, conducting, music education, or music history. In addition to the common regulations and requirements applicable to all master's degree programs, the following are required for admission to the specific major:

Composition majors: portfolio and, if possible, recordings of compositions.

Conducting majors: in-person audition and interview with at least two members of the Graduate Conducting faculty. It is also recommended the applicant have two years of conducting experience beyond the baccalaureate degree. A DVD or digital video file recording may be submitted in lieu of the in-person audition, but may not satisfy the audition requirement. Recordings should be of high quality and show the applicant in rehearsal situations, though performance recordings may also be included. Video recordings should include two or three works of varying styles, and be taken so as to clearly indicate the conductor's facial and other physical gestures.

Jazz Pedagogy: in-person audition and interview.

Music Education majors: in-person or telephone interview with a member of the Graduate Music Education faculty.

Music History majors: scholarly paper.

Performance majors and Piano Performance and Pedagogy majors: in-person audition (a recording would be accepted if the in-person audition would pose undue hardship).

A prospective major must take a written diagnostic examination in the areas of theory, music history, expository writing skills, and in the area of claimed competency, if different from the above (e.g., piano, brass, or woodwind instruments). This examination normally is taken immediately prior to initial registration as a graduate student. If a student is required to take remedial courses to make up any deficiency in preparatory work, those courses will not be counted toward degree requirements.

The Graduate Record Examination (General Test) **is not** required for admission to the Master of Music programs.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

A minimum of 15 semester hours of 200/6000-level course work is required of all majors enrolled for the thesis/recital option. Students completing the thesis option (not a recital and abstract) must have 6-9 semester hours of _____ 6299 (5xx:299) Research. A minimum of 12 semester hours of 200/6000-level course work is required of all majors enrolled for the non-thesis option [course prefix MUSIC, MUS ED, MUS HIST, MUS LIT, MUS TECH, MUS THEO].

Successful completion of an oral and written comprehensive examination is required of all students in this degree program. This examination normally will take place after the candidate has completed the course work required for the degree. **The grade B- or above is required for all courses in the Graduate Music Core as well as all core courses in the specific degree plans.** Under extenuating circumstances, exceptions to this policy must be approved by the instructor of record, the Associate Director of Graduate Studies and the Director of the School of Music. For more information go to *www.uni.edu/music*.

Students who plan to receive the degree Master of Music (M.M.) must meet the graduate regulations and requirements for the master's program and the specific major requirements.

Major in Composition

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the School of Music for other application requirements. Graduate Information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

This major is offered on the **thesis/recital** option only, and requires a **minimum of 35 semester hours**. **A minimum of 15 semester hours of 200/6000-level course work is required.**

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

Required

Graduate Music Core:	
Music Theory:	
MUS THEO 6100 (580:210) Analytical Techniques I	3
MUS THEO 6110 (580:211) Analytical Techniques II	3
Music History and Musicology:	

MUS HIST 6220 (590:222)	Research and Writing in Music	3
Select one from the following:		3
MUS HIST 3100/5100 (590:110g)	Music History--Middle Ages and Renaissance	
MUS HIST 3110/5110 (590:111g)	Music History--Baroque	
MUS HIST 3120/5120 (590:112g)	Music History--Classic	
MUS HIST 3140/5140 (590:114g)	Music History--Romantic	
MUS HIST 3150/5150 (590:115g)	Music History--20th Century	
Specialization		
Applied Music:		
MUS APPL 6540 (540:254)	Composition	12
Music Electives: primarily in the areas of music literature and theory:		11
Recital:		
MUS APPL 6880 (540:288)	Graduate Recital	0
Total Hours		35

Additional Requirements:

1. Performance recital of candidate-generated compositions.

2. Recital abstract.

Major in Conducting

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the School of Music for other application requirements. Graduate Information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

This major is offered on the **thesis/recital** option only, and requires a **minimum of 36 semester hours**. **A minimum of 15 semester hours of 200/6000-level course work is required.**

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

Required
Graduate Music Core:

Music Theory:		
MUS THEO 6100 (580:210)	Analytical Techniques I	3
MUS THEO 6110 (580:211)	Analytical Techniques II	3
Music History and Musicology:		
MUS HIST 6220 (590:222)	Research and Writing in Music	3
Select one from the following:		3
MUS HIST 3100/5100 (590:110g)	Music History--Middle Ages and Renaissance	
MUS HIST 3110/5110 (590:111g)	Music History--Baroque	
MUS HIST 3120/5120 (590:112g)	Music History--Classic	

MUS HIST 3140/5140 (590:114g)	Music History--Romantic	
MUS HIST 3150/5150 (590:115g)	Music History--20th Century	
Specialization:		
Music Organizations and Ensembles: MUS ENS 5xxx (530:1xxg) [*]		4
MUSIC 6299 (520:299)	Research	2
Applied Music:		12
Select one of the following:		
MUS APPL 6210 (540:221)	Instrumental Conducting	
MUS APPL 6220 (540:222)	Choral Conducting	
Performance Literature and Repertory:		
Select one of the following:		3
MUS LIT 3310/5310 (595:131g)	History and Literature of Large Choral Forms	
MUS LIT 3400/5400 (595:140g)	History and Literature of the Orchestra	
MUS LIT 3420/5420 (595:142g)	History and Literature of the Wind Band	
Music Electives: as approved by advisor:		3
Recital:		
MUS APPL 6880 (540:288)	Graduate Recital	0
Total Hours		36

*   Only one hour of ensemble per semester will count toward degree requirements. Large ensemble placement will be determined by audition.

Additional requirements:

1. Two consecutive semesters (fall/spring) of residency with full time status (minimum of 9 graduate hours per semester).

2. Conducting recital.

3. Recital abstract.

4. Conducting document (research paper). Students must register for Research in the semester that they prepare the conducting document.

5. Score reading proficiency examination.

6. Students must be resident with full time status and are required to enroll in applied music in their performance area during the semester that they present their required recital.

7. Specialty comprehensive examination.

Major in Jazz Pedagogy

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the School of Music for other application requirements. Graduate Information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

This major is offered on the **thesis/recital** option only, and requires a **minimum of 36 semester hours**. **A minimum of 15 semester hours of 200/6000-level course work is required.**

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

Required

Graduate Music Core:		
Music Theory:		
MUS THEO 6100 (580:210)	Analytical Techniques I	3
MUS THEO 6110 (580:211)	Analytical Techniques II	3
Music History and Musicology:		
MUS HIST 6220 (590:222)	Research and Writing in Music	3
Select one from the following:		3
MUS HIST 3100/5100 (590:110g)	Music History--Middle Ages and Renaissance	
MUS HIST 3110/5110 (590:111g)	Music History--Baroque	
MUS HIST 3120/5120 (590:112g)	Music History--Classic	
MUS HIST 3140/5140 (590:114g)	Music History--Romantic	
MUS HIST 3150/5150 (590:115g)	Music History--20th Century	
Specialization:		
Music Techniques:		4
MUS TECH 6520 (560:252)	Advanced Instrumental Jazz Improvisation **	
or MUS TECH 3500/5500	Instrumental Jazz Improvisation - Theory	
or MUS TECH 3530/5530	Instrumental Jazz Improvisation I	
or MUS TECH 3550/5550	Instrumental Jazz Improvisation II	
MUS ED 6520 (570:252)	Jazz Pedagogy	
Music Theory:		5
MUS THEO 3270/5270 (580:127g)	Jazz Arranging I	
MUS THEO 3280/5280 (580:128g)	Jazz Arranging II	
MUS THEO 3320/5320 (580:132g)	Jazz Composition Class	
Music, Organizations and Ensembles: *		8
MUS ENS 3160/5160 (530:116g)	Jazz Band (combos)	
Research:		
MUS TECH 6299 (560:299)	Research	2
Music electives:		
Select 5 hours of electives from the following:		5
Applied Music:		
MUS APPL 3400/5400 (540:140g)	Percussion	
MUS APPL 3530/5530 (540:153g)	Jazz Guitar	
MUS APPL 3560/5560 (540:156g)	Jazz Bass	
MUS APPL 3570/5570 (540:157g)	Jazz Piano	
Music Theory:		
MUS THEO 3220/5220 (580:122g)	Music and Technology	
Music History and Musicology:		
MUS HIST 3600/5600 (590:160g)	Jazz History and Styles (preferred)	
Recital:		
MUS APPL 6880 (540:288)	Graduate Recital	0
Total Hours		36

*   2 hrs. in jazz ensembles participation required each semester of residence.

**   Strongly recommended.

Additional requirements:

1. Jazz performance recital
2. Recital abstract
3. Jazz bass proficiency
4. Jazz piano proficiency
5. Jazz drum set proficiency

Major in Music Education

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the School of Music for other application requirements. Graduate Information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

This major is available on the **thesis** and **non-thesis** options, contingent on availability of faculty. Both options require a **minimum of 33 semester hours. A minimum of 15 semester hours of 200/6000-level course work is required for the thesis option and a minimum of 12 semester hours of 200/6000-level course work is required for the non-thesis option.**

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

Required

Graduate Music Core:		
Music Theory:		
MUS THEO 6100 (580:210)	Analytical Techniques I	3
MUS THEO 6110 (580:211)	Analytical Techniques II	3
Music History and Musicology:		
MUS HIST 6220 (590:222)	Research and Writing in Music	3
Select one from the following:		3
MUS HIST 3100/5100 (590:110g)	Music History--Middle Ages and Renaissance	
MUS HIST 3110/5110 (590:111g)	Music History--Baroque	

MUS HIST 3120/5120 (590:112g)	Music History--Classic	
MUS HIST 3140/5140 (590:114g)	Music History--Romantic	
MUS HIST 3150/5150 (590:115g)	Music History--20th Century	
Music Education core:		
Research in Music Education and Methods:		
MUS ED 6210 (570:221)	Research Methodology in Music Education	3
Research:		
MUS ED 6299 (570:299)	Research	3 or 6
Thesis option (6 hrs.), contingent on availability of faculty.		
Non-thesis option (3 hrs.)		
Music Education and Methods:		
MUS ED 3450/5450 (570:145g)	Developments and Trends in Music Education	3
MUS ED 6300 (570:230)	Foundations of Music Education	3
MUS ED 6820 (570:282)	Seminar: Music Learning and Behavior	3
Music Education electives as approved by music education faculty:		3 or 6
Select from the following:		
MUS ENS 5xxx (530:1xxg) (1-2 hrs.)		
MUS APPL 5xxx (540:1xxg) (1-4 hrs.),		
MUS TECH 3210/5210 (560:121g)	Conducting III--Instrumental	
MUS TECH 3350/5350 (560:135g)	Accompanying	
MUS ED 3300/5300 (570:130g)	Vocal Pedagogy	
MUS TECH 3500/5500	Instrumental Jazz Improvisation - Theory	
MUS TECH 3530/5530	Instrumental Jazz Improvisation I	
MUS TECH 3550/5550	Instrumental Jazz Improvisation II	
MUS ED 3970/5970 (570:197g)	Instrumental Upkeep and Repair	
MUS ED 6870 (570:287)	Measurement and Evaluation in Music	
MUS ED 6550 (570:255)	School Music Administration and Classroom Management	
MUS THEO 3270/5270 (580:127g)	Jazz Arranging I	
MUS HIST 3510/5510 (590:151g)	Music of World Cultures	
MUS LIT 3310/5310 (595:131g)	History and Literature of Large Choral Forms	
MUS LIT 3400/5400 (595:140g)	History and Literature of the Orchestra	
MUS LIT 3420/5420 (595:142g)	History and Literature of the Wind Band	

Thesis option (3 hrs.)	
Non-thesis option (6 hrs.)	
Total hours	33

Note: A maximum of 2 hours of ensembles MUS ENS xxxx (530:xxx) and 4 hours of applied music MUS APPL xxxx (540:xxx) may be counted toward fulfilling minimum degree requirements.

Major in Music History

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the School of Music for other application requirements. Graduate Information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

This major is offered on the **thesis** option only, and requires a **minimum of 31 semester hours. A minimum of 15 semester hours of 200/6000-level course work is required.**

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

Required

Graduate Music core:		
Music Theory:		
MUS THEO 6100 (580:210)	Analytical Techniques I	3
MUS THEO 6110 (580:211)	Analytical Techniques II	3
Music History and Musicology:		
MUS HIST 6220 (590:222)	Research and Writing in Music	3
Select one of the following:		3
MUS HIST 3100/5100 (590:110g)	Music History--Middle Ages and Renaissance	
MUS HIST 3110/5110 (590:111g)	Music History--Baroque	
MUS HIST 3120/5120 (590:112g)	Music History--Classic	
MUS HIST 3140/5140 (590:114g)	Music History--Romantic	
MUS HIST 3150/5150 (590:115g)	Music History--20th Century	
Specialization:		
Music History and Musicology:		12
MUS HIST 6299 (590:299)	Research (research for thesis - 6 hrs.)	
MUS HIST 5xxx (590:1xx) (6 hrs.)		
Electives:(maximum of 2 hrs. may be in applied music)		7
Total Hours		31

Additional requirement:

Reading proficiency in either German or French.

Major in Performance

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the School of

Music for other application requirements. Graduate Information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

This major is offered on the **thesis/recital** option only, and requires a **minimum of 32-36 semester hours (depending on specialization chosen)**. **A minimum of 15 semester hours of 200/6000-level course work is required of all majors.**

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

Required

Graduate Music Core:

Music Theory:

MUS THEO 6100 (580:210)	Analytical Techniques I	3
MUS THEO 6110 (580:211)	Analytical Techniques II	3

Music History and Musicology:

MUS HIST 6220 (590:222)	Research and Writing in Music	3

Select one from the following: 3

MUS HIST 3100/5100 (590:110g)	Music History--Middle Ages and Renaissance	
MUS HIST 3110/5110 (590:111g)	Music History--Baroque	
MUS HIST 3120/5120 (590:112g)	Music History--Classic	
MUS HIST 3140/5140 (590:114g)	Music History--Romantic	
MUS HIST 3150/5150 (590:115g)	Music History--20th Century	

Recital:

MUS APPL 6880 (540:288)	Graduate Recital	0
Specialization: (choose A,B, or C)		20-24
Total Hours		32-36

Specialization:

A. Wind, Percussion, Keyboard or Strings

Music Ensemble: MUS ENS 5xxx (530:1xxg) [**]	2-4
Applied Music: MUS APPL 6xxx (540:2xx) (variable)	10
Performance Literature and Repertory: [*]	2-4

MUS LIT 3200/5200 (595:120g)	Performance Literature: _____	

Music electives: primarily in the areas of music theory and music literature	5-7
Total hours	21-23

B. Voice

Music, Organizations and Ensembles:	2

MUS ENS 3190/5190 (530:119g) & MUS ENS 3100/5100 (530:110g)	Opera and Chorus [**]	

Applied Music:	8

MUS APPL 6490 (540:249)	Voice	

Music Techniques:		8
MUS TECH 3450/5450 (560:145g)	Vocal Coaching	
MUS TECH 3610/5610 (560:161g)	Opera Performance II	
MUS TECH 6230 (560:223)	Advanced Vocal Performance	

Performance Literature and Repertory:		4
MUS LIT 3200/5200 (595:120g)	Performance Literature: _____	

Music Education and Methods:		2
MUS ED 3300/5300 (570:130g)	Vocal Pedagogy	

Total Hours		24

C. Multiple Woodwind

Music Ensemble: MUS ENS 5xxx (530:1xxg) [**]	2
Applied Music:	
MUS APPL 6xxx (540:2xx) (primary instrument)	6
MUS APPL 5xxx (540:1xxg) (secondary instrument)	4
Performance Literature and Repertory:	

MUS LIT 3200/5200 (595:120g)	Performance Literature: _____ (section 09, 10, or 12)	2

Instrumental Pedagogy:		2-6
MUS ED 3380/5380 (570:138g)	Instrumental Pedagogy	

Music electives: [***]	4
Total Hours	20-24

[*] Students in the Keyboard specialization are required to take MUS LIT 3200 sections 03 and 04.

[**] Students in the Voice specialization must take one semester of either Chamber Singers or Concert Chorale (to be determined upon formal audition for the choral conducting staff), and one semester of Opera Performance Ensemble. Students in the Instrumental specialization will choose Jazz Band I, Symphony Orchestra, Symphonic Band, or Wind Symphony, but only 2 hours of Jazz Band I may be counted toward minimum degree requirements. Students in the String specialization are required to complete 4 hours of ensembleMUS ENS 3170/5170 (530:117g) Symphony Orchestra. Chamber Music and/or accompanying may be elected by keyboard specialization.

[***] Primarily in the areas of music theory, music history, music techniques, and performance; only 2 hours of ensemble credit may count toward this requirement.

Additional requirements:

1. Two consecutive semesters (fall/spring) of residency with fulltime status (minimum of 9 graduate hours per semester);

2. Performance recital of at least sixty (60) minutes in length;

3. Recital abstract;

4. Two successful applied jury examinations (grades B or higher);

5. Voice specialization must:
   - Demonstrate diction proficiency (by diagnostic examination) in English, Italian, German, and French. Otherwise one must successfully complete MUS TECH 1300 (560:030) /MUS TECH 1320 (560:032) and/or MUS TECH 1310 (560:031) /MUS TECH 1330 (560:033) .
   - Have successfully completed one semester of college-level study in two foreign languages prior to entering UNI. Otherwise, one must fulfill this requirement during the residency at UNI. Foreign language requirement may only be completed by taking Italian, German or French.

6. Students are required to enroll in applied music in their performance area during the semester they present their recital.

7. Multiple Woodwind specialization must:
   - Demonstrate proficiency on a third woodwind instrument (flute, oboe, clarinet, bassoon, or saxophone).
   - Students studying bassoon as one of the three required instruments must take at least one hour of Double Reed Making MUS TECH 3100/5100 (560:110g) Section 1: Bassoon. Students studying oboe as one of the three required instruments must take at least one hour of Double Reed Making MUS TECH 3100/5100 (560:110g) Section 2: Oboe.
   - Students must perform on at least two of the 5 woodwind instruments listed above on the graduate recital.
   - Students studying flute as the primary or secondary instrument must take MUS ED 3380/5380 (570:138g) Instrumental Pedagogy: Flute.
   - Students studying clarinet as the primary or secondary instrument must take MUS ED 3380/5380 (570:138g) Instrumental Pedagogy: Clarinet.All students on this specialization must take MUS ED 3380/5380 (570:138g) Instrumental Pedagogy: Woodwinds.

Major in Piano Performance and Pedagogy

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the School of Music for other application requirements. Graduate Information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

This major is offered on the **thesis/full recital** and **non-thesis/half solo recital and pedagogy project** options. Both options require a **minimum of 34 semester hours**. **A minimum of 15 semester hours of 200/6000-level course work is required of all majors enrolled for the thesis/full recital option. A minimum of 12 semester hours of 200/6000-level course work is required of all majors enrolled for the non-thesis/half solo recital and pedagogy project option.**

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

Required

Graduate Music Core:		
Music Theory:		
MUS THEO 6100 (580:210)	Analytical Techniques I	3
MUS THEO 6110 (580:211)	Analytical Techniques II	3
Music History:		
MUS HIST 6220 (590:222)	Research and Writing in Music	3
Select one from the following:		3
MUS HIST 3100/5100 (590:110g)	Music History--Middle Ages and Renaissance	
MUS HIST 3110/5110 (590:111g)	Music History--Baroque	
MUS HIST 3120/5120 (590:112g)	Music History--Classic	
MUS HIST 3140/5140 (590:114g)	Music History--Romantic	
MUS HIST 3150/5150 (590:115g)	Music History--20th Century	
Piano performance:		
Applied Music:		6
MUS APPL 6460 (540:246)	Piano	
Music Literature:		4
MUS LIT 3200/5200 (595:120g)	Performance Literature: _____ (Piano I)	
MUS LIT 3200/5200 (595:120g)	Performance Literature: _____ (Piano II)	
Piano pedagogy:		
Music Education and Methods:		10
MUS ED 3480/5480 (570:148g)	Piano Pedagogy: Elementary	
MUS ED 3495/5495	Music Learning and Motivation	
MUS ED 6570 (570:257)	Piano Pedagogy: Intermediate	
MUS ED 6580 (570:258)	Piano Pedagogy: Group and Adult	
MUS ED 6600 (570:260)	Piano Pedagogy: Internship	
Recital:		
MUS APPL 6880 (540:288)	Graduate Recital	0
Electives		
Select 2 hours from the Recommended List:		2
MUS ENS 3120/5120 (530:112g)	Ensemble	
MUS APPL 6460 (540:246)	Piano	
MUS TECH 3350/5350 (560:135g)	Accompanying	
MUS ED 6500 (570:250)	Projects in Music Education	
MUS ED 6600 (570:260)	Piano Pedagogy: Internship	
MUS ED 6285 (570:285)	Readings	
MUS THEO 3220/5220 (580:122g)	Music and Technology	
MUS ED 6299 (570:299)	Research	
Total Hours		34

Additional requirements:

Final project-

Options:

- Full solo recital/recital abstract
- Half solo recital and pedagogy project (workshop or research paper)
- Students are required to enroll in applied music in their performance area during the semester they present their recital.
- Students choosing the half solo recital and pedagogy project must also enroll in 1 credit of research (counting in electives) during the semester they prepare and present their project (workshop or research paper)

Program Certificates
Artist Diploma (I) (II) Graduate Certificate

The Artist Diploma is a non-degree-granting professional program awarded by the School of Music for the successful completion of performance studies combined with general music studies. The curricular content of the proposed Artist Diploma program is designed to provide the student aspiring toward a professional career the opportunity to study and perform solo literature and chamber music without taking all the academic course requirements of a masters degree.

The Artist Diploma serves the needs of international and national students who are extremely talented, career minded, and dedicated to the art of music-making. Admission is considered once the student has completed a baccalaureate degree, or the international equivalent, and taken an in-person audition (a recording would be accepted if the in-person audition would pose undue hardship). Applicants not holding the baccalaureate degree or its equivalent, but who have extensive study with a master teacher and noted performing experience, may apply. Interested students should contact the Associate Director of Graduate Studies within the School of Music.

Students may pursue the Artist Diploma I concurrently with or in addition to a graduate degree program in music. Only four (4) elective credits (no applied or ensemble credits) may be double counted. Admission to a graduate degree program in music does not guarantee admission to the Artist Diploma certificate program; a separate audition is required.

Artist Diploma (I)

Diploma (I) requires a minimum of 14 hours in the following program:

Required

Applied Music: MUS APPL 6xxx (540:2xx)		6
Ensemble, or chamber ensemble, or opera performance, or accompanying:		2
Electives in music *		6
MUS APPL 6890	Diploma Recital (must complete one recital and register for Diploma Recital during the semester in which recital is completed)	0
Total Hours		14

*   Courses must be selected from 100g/5000-level and 200/6000-level offerings available during the period of residency. Vocal students may include up to 3 hours of graduate foreign language study. Only 2 hours of ensemble credits beyond the requirements will count toward music electives. No additional applied music hours will count toward music electives. No applied or ensemble credits from another institution may be transferred for the Artist Diploma.)

Additional requirements:

- Applied jury examination as required;
- One full solo recital (Diploma recital);
- All course work must be completed with a grade of B or higher, and applied study and Diploma I recital with a grade of A.

Artist Diploma (II)

Diploma (II) requires a minimum of 28 hours in the following program:

Required

Applied Music: MUS APPL 6xxx (540:2xx):		12
Ensemble, or chamber ensemble, or opera performance, or collaborative playing:		4
Electives in music *		12
MUS APPL 6890	Diploma Recital (must complete two recitals and register for Diploma Recital during each semester in which recitals are completed)	0
Total Hours		28

*   (Courses must be selected from 100g/5000-level and 200/6000-level offerings available during the period of residency. Vocal students may include up to 6 hours of graduate foreign language study. Only 4 hours of ensemble credits beyond the requirements will count toward music electives. No additional applied music hours will count toward music electives. No applied or ensemble credits from another institution may be transferred for an Artist Diploma certificate.)

Additional requirements:

- Applied jury examination as required;
- Two full solo recitals (Diploma Recitals);
- All course work must be completed with a grade of B or higher, and applied study with a grade of A.

Department of Philosophy and World Religions

(College of Humanities, Arts and Sciences)

www.uni.edu/philrel

The Department of Philosophy and World Religions offers the following undergraduate programs. Specific requirements for these

programs are listed within this Department of Philosophy and World Religions section in the following order:

Undergraduate Majors (B.A.)

- Philosophy
- Study of Religion

Minors

- Ethics
- Philosophy
- Religion

Bachelor of Arts Degree Programs Majors

Philosophy Major

The Philosophy major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements, 36 hours of coursework in the major, plus electives to complete the minimum of 120 hours.

The Philosophy major is designed to provide depth and breadth in the study of philosophy, emphasizing the skills of logical reasoning, analytic reading, effective writing, and ethical reasoning, as well as focused study of the history of western philosophy, and fundamental conceptions of human nature and human practices. The major is also flexible, so that students can take courses of interest to them. Courses in the philosophy major give students an opportunity to gain useful conceptual tools, increase their flexibility of mind, and improve their ability to view issues from multiple perspectives. Philosophy is one of the best pre-law majors; philosophy majors typically do extremely well in admission tests to graduate and professional schools.

The philosophy major stresses learning goals that enable students to achieve the skills deemed essential by employers, in particular, strong critical thinking and communication skills. Because the major is organized around learning goals, students know exactly why they are taking each class. As they explore philosophy, they also see that each class is helping them to become college graduates who possess knowledge and skills valued by employers as well as professional and graduate schools.

Philosophy Major - Learning Goals and Courses

What is a learning goal?

A learning goal is a set of skills or body of knowledge that a student should expect to acquire or expand their mastery of by completing a particular major.

By establishing "learning goals", majors in Philosophy know exactly why they are taking each class. These learning goals divide the classes taken by majors in Philosophy into categories that are easily understood and that guide the student through the major and the learning process.

Learning Goal 1: Skills: Philosophy majors will demonstrate proficiency in analyzing evaluation, writing and constructing arguments.

Courses that support Learning Goal 1:

Logical Reasoning

Required:		
PHIL 1030 (650:045)	Elementary Logic	3

Reading for Arguments and Assumptions

Two courses from the following:		6
PHIL 2140	Philosophy of Religion	
PHIL 3310 (650:153g)	Philosophy of Mind	
PHIL 3320 (650:172)	Society, Politics, and the Person	
PHIL 3330	Death, Sex and the Body: Phenomenology and Foucault	
PHIL 3350	Knowledge and Reality	
PHIL 3610	Nietzsche, Nihilism, and Technology	
PHIL 3620	Philosophy of Language: Wittgenstein	

Analytic Writing

Two analytic writing courses from the following:		
PHIL 2120	Philosophy of Art	
PHIL 2140	Philosophy of Religion	
PHIL 3310 (650:153g)	Philosophy of Mind	
PHIL 3330	Death, Sex and the Body: Phenomenology and Foucault	
PHIL 3340	Existentialism	
PHIL/RELS 3510/ CAP 3173 (CAP:173)	Bio-Medical Ethics	
PHIL 3610	Nietzsche, Nihilism, and Technology	
PHIL 3620	Philosophy of Language: Wittgenstein	

On a semester-by-semester basis, other courses will occasionally count toward meeting this requirement. Check the "notes" posted to list of course offerings for a given semester; if "writing enhanced" appears there, then this specific course will count toward meeting this requirement.

Learning Goal 2: Ethical Reasoning: Philosophy majors will use their understanding of ethical theories to think through moral problems in a principled and systematic way.

Courses that support Learning Goal 2:

Required:		
PHIL 2500	Ethics	3

Although not required, students are free to take any of the following courses in applied ethics as electives, but no more than two courses (6 hours) can be counted toward fulfilling the Philsophy major:

PHIL 1520	Reasoning About Moral Problems [*]	
PHIL/RELS 1540	Ethics in Business [*]	

PHIL/RELS 2550	Environmental Ethics *
PHIL/RELS 3110/ CAP 3194 (CAP:194)	Perspectives on Death and Dying *^
PHIL/RELS 3510/ CAP 3173 (CAP:173)	Bio-Medical Ethics *^
PHIL 3680	Marxisms *
PHIL 4550	Ethics Practicum *

*   Courses followed by asterisk (*) count toward the Ethics minor (15-hour minor).

^   Courses followed by ^ fulfill the Liberal Arts Core Capstone requirement.

Learning Goal 3: History of Philosophy: By reading key texts from the rich Western philosophical tradition, Philosophy majors will gain useful conceptual tools, increase their flexibility of mind, and improve their ability to view issues from multiple perspectives.

Courses that support Learning Goal 3:

Required: three course from the following:		9
PHIL 2210	Dawn of Western Thought: Ancient Philosophy	
PHIL 2220	Faith and Reason: Philosophy in the Middle Ages	
PHIL 2230	The Age of Reason: Philosophy in the Renaissance and Enlightenment	
PHIL 2240	The Limits of Reason: Modern Philosophy	

Learning Goal 4: Philosophy majors will investigate fundamental conceptions of what it means to be a person and to engage in essential human activities.

Courses that support Learning Goal 4:

A. Understanding Human Nature

Required: (two courses from the following)		6
PHIL 3310 (650:153g)	Philosophy of Mind	
PHIL 3330	Death, Sex and the Body: Phenomenology and Foucault	
PHIL/RELS 3340	Existentialism	
PHIL 3610	Nietzsche, Nihilism, and Technology	

B. Basic Human Practices

Required:		
Two courses from the following. At least one of these courses must be "analytical philosophy": either PHIL 3350 or PHIL 3620. (Taking both of these courses will completely satisfy this requirement.)		6
PHIL 2120	Philosophy of Art	
PHIL 2130	Philosophy of Science	
PHIL 2140	Philosophy of Religion	
PHIL 3320 (650:172)	Society, Politics, and the Person *	
PHIL 3350	Knowledge and Reality	

| PHIL 3620 | Philosophy of Language: Wittgenstein |

*   Courses followed by asterisk (*) count toward the Ethics minor (15-hour minor).

Learning Goal 5: Philosophy majors will be able to relate their major to their career and to their future goals.

Required:		
PHIL 4490	Senior Seminar	3

Through thoughtful reflection and critical discernment, students synthesize their work in the major, clarifying what they have done and linking their achievements with life goals, while they also explore how deep learning outcomes in the major offer preparation for a career, graduate or professional school.

Additional electives in Philosophy:

PHIL 1020 (650:021)	Philosophy: The Art of Thinking
PHIL 4080	Individual Readings in Philosophy
PHIL 4186 Studies in Philosophy	

Total hours 36

Study of Religion Major

The Study of Religion major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements, 36 hours of coursework in the major, plus electives to complete the minimum of 120 hours.

The Study of Religion major is designed to provide depth and breadth in the study of religion, emphasizing the beliefs and practices of the major world religions, as well as focused study of the multiple ways that religions shape and reflect the world around us. The major is also flexible, so that students can take courses of interest to them.
  Courses in the study of religion give students an opportunity to become reflective and respectful global citizens in our increasingly diverse world.

In planning the Study of Religion major, we have listened to employers. The major prioritizes learning goals that enable students to learn about religion and achieve outcomes that employers value.
  We know that employers want to hire college graduates who have strong communication and critical thinking skills and who can interact empathetically and effectively with persons from different cultural and religious backgrounds. Because the major is organized around learning goals, students always know exactly why they are taking each class. As they explore religion, they also see that each class is helping them to become college graduates who possess knowledge and skills valued by employers.

Study of Religion Major - Learning Goals and Courses

What is a learning goal?

A learning goal is a set of skills or body of knowledge that a student should expect to acquire, or expand their mastery of, by completing a particular major.

Having established "learning goals" allows majors in Religion to know exactly why they are taking each class. These learning goals

divide the classes taken by majors in Religion into categories that are easily understood and that guide the student through the major and the learning process.

Learning Goal 1:

Majors in the Study of Religion demonstrate an ability to reflect critically and emphathetically on the subject.

Courses support Learning Goal 1:

A. Religion and Culture

Required: one course from the following:		3
RELS 1510 (640:040)	Religion, Ethics, and Film	
RELS/ANTH 3103	Religion, Magic, and Witchcraft	
RELS/PHIL 3110/ CAP 3194 (CAP:194)	Perspectives on Death and Dying	
RELS 3150	Women and Christianity *	
RELS 3310/HUM 3138 (680:138)	Malcolm, Martin, and Justice	
RELS 3320 (640:140)	Black Liberation and the Black Church	
RELS 3500 (640:171)	Religion and Ethics	
RELS 4230/5230 (640:117g)	Religion in America	

B. Textual and Analytical Explorations of Religion — 3

One course from the following:		
RELS 2001	Old Testament and Other Hebrew Scriptures	
RELS 2002	New Testament and Early Christian Writings	
RELS 2140	Philosophy of Religion *	
RELS 3120	Myth and Symbol	
RELS 3140	Religion and Its Critics *	
RELS 3170	Why We Believe *	
RELS 3340	Existentialism *	

Learning Goal 2:

Majors in the Study of Religion have knowledge of the beliefs, practices, and worldviews of major living religions.

Courses support Learning Goal 2:

A. Historical and Cultural Studies of Religion

One course from the following:		3
RELS 2100	Great Living Religions: Hinduism and Buddhism	
RELS 2110	Great Living Religions: Confucianism, Daoism, and Zen	
RELS/ANTH 2401	Tribal Religions	

One course from the following:		3
RELS 2120	Great Living Religions: Judaism and Islam	
RELS 2130	Great Living Religions: Christianity	

B. Interactions Within and Among Religions

One course from the following:		3

RELS 1030 (640:030)	What is Religion?
RELS 2210	Angels Across Cultures
RELS 2225	Meditation and Mystical Experience
RELS 2220	Faith and Reason: Philosophy in the Middle Ages
RELS 3160	Religion and Society *

Learning Goal 3:

Majors in the Study of Religion have skills that are highly valued by employers; they are able to relate their major to their career and to their future goals.

Courses support Learning Goal 3:

Writing Enhanced Courses

Two writing enhanced courses are required. Students must take at least two courses marked with an asterisk (*) for the Study of Religion major.

Senior Seminar

Required:		
RELS 4490	Senior Seminar	3

Through thoughtful reflection and critical discernment, students synthesize their work in the major, clarifying what they have done and linking their achievements with life goals, while they also explore how deep learning outcomes in the major offer preparation for a career, graduate or professional school.

Electives: in order to reach 36 hours, students can choose from courses not used above or from the following courses in Religion:

RELS 1020 (640:024)	Religions of the World
RELS 3080/5080 (640:189g)	Individual Readings in Religion
RELS 4186/5186 (640:186g)	Studies in Religion
RELS/PHIL 4550	Ethics Practicum
and not more than two courses from:	
RELS/PHIL 1540	Ethics in Business
RELS/PHIL 2550	Environmental Ethics
RELS/PHIL 3510/ CAP 3173 (CAP:173)	Bio-Medical Ethics

Total hours 36

Pre-Theological Emphasis

Students preparing for ministry or for graduate professional education in theology at a seminary or divinity school, regardless of major, are advised to consult with the pre-theological advisor, who will help them to know the requirements of individual schools and to plan an undergraduate program appropriately designed for their professional interests.

Minors
Ethics Minor

The Ethics minor is intended to provide students of diverse major fields of study a way to focus and develop their interest in ethics both

by offering them a core of courses essential to an understanding of the field of ethics and by advising them in the selection of courses that enable them to develop depth and detail in theoretical, professional and applied ethics.

Required

Study of Religion:		
RELS 3500 (640:171)	Religion and Ethics	3
Philosophy:		
PHIL 2500	Ethics (Has a prereq of one course in Phil)	3
Select one of the following:		3
Study of Religion:		
RELS 1020 (640:024)	Religions of the World	
RELS 1510 (640:040)	Religion, Ethics, and Film	
Philosophy:		
PHIL 1020 (650:021)	Philosophy: The Art of Thinking	
PHIL 1520	Reasoning About Moral Problems	
Select one of the following:		3
Philosophy or Study of Religion:		
RELS/PHIL 1540	Ethics in Business (Can also count as an elective, but not as both)	
RELS/PHIL 2550	Environmental Ethics (Can also count as an elective, but not as both)	
RELS/PHIL 3510/ CAP 3173 (CAP:173)	Bio-Medical Ethics (Can also count as an elective, but not as both)	
Management:		
MGMT 3100 (150:100)	Legal and Social Environment of Business (Can also count as an elective, but not as both)	
Electives: select one of the following:		3
Biology:		
BIOL 4167/5167 (840:167g)	Conservation Biology	
Business		
MGMT 3974/5974 (150:174g)	Business, Ethics, and Society	
Communications		
COMM 4447/5447 (48C:108g)	Performance and Social Change	
COMM 4217/5217 (48C:176g)	Freedom of Speech	
COMM 4236/CAP 3128 (CAP:128)	Ethics in Communication	
Special Ed:		
SPED 4180/5180	Interdisciplinary Study of Disability	
History:		
HISUS 4170/5170	U.S. Environmental History	

HISUS 4260/5260 (961:146g)	United States Women's History	
CAP 3131 (CAP:131)	Analysis of Social Issues	
Study of Religion:		
RELS 3140	Religion and Its Critics	
Philosophy:		
PHIL 3320 (650:172)	Society, Politics, and the Person	
PHIL 3610	Nietzsche, Nihilism, and Technology	
PHIL 3680	Marxisms	
Philosophy or Study of Religion:		
RELS/PHIL 3110/ CAP 3194 (CAP:194)	Perspectives on Death and Dying	
RELS/PHIL 3340	Existentialism	
RELS/PHIL 4550	Ethics Practicum	
Political Science:		
POL COMP 3125 (944:125)	Politics of Nonviolence	
POL THRY 3160 (941:160)	Classical Political Theory	
POL THRY 3161 (941:161)	Modern Political Theory	
Psychology		
PSYCH 2201 (400:060)	Psychology of Gender	
PSYCH 2203 (400:160)	Social Psychology	
PSYCH 3404/5404 (400:106g)	Psychology of Human Differences	
Sociology:		
CAP/SOC 3151	Money, Sex and Power: Theories of Race, Class and Gender	
Technology:		
TECH 1015	Introduction to Sustainability	
CAP 3140 (CAP:140)	Environment, Technology, and Society	
Total Hours		15

Philosophy Minor

Required

Philosophy:		
PHIL 1020 (650:021)	Philosophy: The Art of Thinking	3
Two courses in history of philosophy series		6
Electives in philosophy		12
Total Hours		21

Religion Minor

Required:		
RELS 1020 (640:024)	Religions of the World	3
Eelctives: 15 hours of RELS xxxx courses		15
Total Hours		18

Department of Physics

(College of Humanities, Arts and Sciences)

www.physics.uni.edu

The Department of Physics offers the following undergraduate and graduate programs. Specific requirements for these programs are listed within this Department of Physics section in the following order:

Undergraduate Major (B.S.)

- Physics

Undergraduate Major (B.A.)

- Physics-Teaching

Minors

- Nanoscience and Nanotechnology
- Physics

Program Certificate

- Physics Teaching

The Department of Physics offers major programs in two baccalaureate areas: the Bachelor of Science and the Bachelor of Arts. The B.S. Physics major is recommended for students who wish to prepare for graduate study in physics, engineering, or other sciences such as geophysics, astronomy, biophysics, or medical physics. The B.A. Physics-Teaching program provides students with the best qualification to teach physics in high school.

Bachelor of Science Degree Program

Emphasis-B.S. Physics Major Honors Research

Emphasis-Honors Research

Students who complete a sustained research project in physics may be invited to do Honors Research. Students must first complete 4 credit hours of PHYSICS 3000 (880:180) Undergraduate Research in Physics and then 1 credit hour of PHYSICS 4990 Senior Thesis.

Physics Major

The B.S. Physics major requires a minimum of 126 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 126 hours.

Note: To graduate with a B.S. degree in Physics, a student must earn an overall grade point average of at least 2.50 in all courses applied toward the major.

Required

Mathematics:		
MATH 1420 (800:060)	Calculus I	4
MATH 1421 (800:061)	Calculus II	4
MATH 2422 (800:062)	Calculus III	4
Physics:		

PHYSICS 1100	First-Year Projects in Physics	1
PHYSICS 1701 (880:130)	Physics I for Science and Engineering	4
PHYSICS 1702 (880:131)	Physics II for Science and Engineering	4
PHYSICS 2300 (880:132)	Physics III: Theory and Simulation	3
PHYSICS 2700	Mathematical Methods of Physics	3
PHYSICS 3000 (880:180)	Undergraduate Research in Physics	2
or PHYSICS 3500 (880:184)	Internship in Applied Physics	
PHYSICS 3700 (880:187)	Physics Seminar	1
PHYSICS 4100/5100 (880:137g)	Modern Physics	4
PHYSICS 4110/5110 (880:138g)	Modern Physics Laboratory	2
PHYSICS 4300/5300 (880:152g)	Introduction to Electronics	4
PHYSICS 4600/5600 (880:166g)	Classical Mechanics	4
PHYSICS 4860/5860 (880:150g)	Computational Physics	3
PHYSICS 4900/5900 (880:136g)	Thermodynamics and Statistical Mechanics	4
Electives		
Physics, Natural Science, or Math Electives [*]		8
Total Hours		59

[*] Students have the option to design an area of professional concentration by the appropriate choice of elective courses in Physics (or another Natural Science), or Mathematics. Electives must be mathematics or science courses that count toward a major of the department offering the course. Electives should be selected with the advice of an academic adviser in Physics.

Bachelor of Arts Degree Program

Emphasis-B.A. Physics Major-Teaching Honors Research

Emphasis-Honors Research

Students who complete a sustained research project in physics education may be invited to do Honors Research. Students must first complete 4 credit hours of PHYSICS 3000 (880:180) Undergraduate Research in Physics and then 1 credit hour of PHYSICS 4990 Senior Thesis.

Physics Major-Teaching

The B.A. Physics major in teaching requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements, and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required

Mathematics:		
MATH 1420 (800:060)	Calculus I	4
MATH 1421 (800:061)	Calculus II	4
Science and Science Education:		
SCI ED 3300/5300 (820:190g)	Orientation to Science Teaching	3
SCI ED 4700/5700 (820:193g)	Methods for Teaching Physical Science	3
SCI ED 3200 (820:196)	Current Technologies in Science Teaching	2
Physics:		
PHYSICS 1100	First-Year Projects in Physics	1
PHYSICS 1701 (880:130)	Physics I for Science and Engineering	4
PHYSICS 1702 (880:131)	Physics II for Science and Engineering	4
PHYSICS 2300 (880:132)	Physics III: Theory and Simulation	3
PHYSICS 4080/5080	Resources for Teaching Physics	2
PHYSICS 4100/5100 (880:137g)	Modern Physics	4
PHYSICS 4110/5110 (880:138g)	Modern Physics Laboratory	2
Electives		
Physics: all 3000+ level courses		6
Mathematics or non-physics science courses from the College of Humanities, Arts and Sciences [*]		4
Total Hours		46

[*]   Excluding all 820:xxx and mathematics below *MATH 1420 (800:060)*.

It is recommended that sufficient work including current curricula should be taken for licensure approval in a second area. Common teaching combinations are physics-chemistry or physics-mathematics.

Completion of this major will satisfy the requirements of the Iowa Department of Education for licensure.

Minors

Nanoscience and Nanotechnology Minor

Required

Chemistry and Biochemistry:		5-8
Select one of the following:		
CHEM 1110 (860:044) & CHEM 1120 (860:048)	General Chemistry I and General Chemistry II	
CHEM 1130 (860:070)	General Chemistry I-II	
Physics:		
PHYSICS 1511 (880:054) or PHYSICS 1701 (880:130)	General Physics I Physics I for Science and Engineering	4
PHYSICS 1512 (880:056) or PHYSICS 1702 (880:131)	General Physics II Physics II for Science and Engineering	4
PHYSICS 4200/5200 (880:144g)	Introduction to Nanoscience and Nanotechnology	3

or CHEM 4200/5200 (860:144g)	Introduction to Nanoscience and Nanotechnology	
PHYSICS 4210/5210 (880:148g)	Intermediate Nanoscience and Nanotechnology	3
or CHEM 4210/5210 (860:148g)	Intermediate Nanoscience and Nanotechnology	
Total Hours		19-22

Physics Minor

Required

Physics:		
Select one of the following:		8
PHYSICS 1511 (880:054) & PHYSICS 1512 (880:056)	General Physics I and General Physics II (required)	
PHYSICS 1701 (880:130) & PHYSICS 1702 (880:131)	Physics I for Science and Engineering and Physics II for Science and Engineering (required)	
Electives:		12
Physics:		
3000-level electives in Physics, with no more than 3 hours earned in the following: [*]		
PHYSICS 3000 (880:180)	Undergraduate Research in Physics (and/or)	
PHYSICS 4450/5450 (880:185g)	Laboratory Projects	
Total Hours		20

[*]   See course descriptions to reference 4-digit numbers associated with these 3000-level courses.

Program Certificate

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following certificates, contact the Department of Physics or the Office of the Registrar, which serves as the centralized registry.

Physics Teaching Certificate

Completion of the certificate for the following majors meets the requirements of the State of Iowa Grades 5-12 Physics Teaching Endorsement.

Required:		
Physics:		
PHYSICS 1511 (880:054) or PHYSICS 1701 (880:130)	General Physics I Physics I for Science and Engineering	4
PHYSICS 1512 (880:056) or PHYSICS 1702 (880:131)	General Physics II Physics II for Science and Engineering	4
PHYSICS 4080/5080	Resources for Teaching Physics	2
Science Education:		

SCI ED 3300/5300 (820:190g)	Orientation to Science Teaching	3
Electives chosen from the following:		3-5

Elective hours vary by major program. Mathematics Teaching majors and Chemistry Teaching majors must select three hours from the following; other secondary science teaching majors including All Science Teaching, Middle/Junior High School Science Teaching, Biology Teaching, and Earth Science Teaching must select five hours from the following:

PHYSICS 1100	First-Year Projects in Physics	
PHYSICS 1800 (880:080)	Projects in Basic Robotics and Sensors	
PHYSICS 2300 (880:132)	Physics III: Theory and Simulation	
PHYSICS 3000 (880:180)	Undergraduate Research in Physics [*]	
PHYSICS 4050/5050 (880:140g)	Optical Science	
PHYSICS 4100/5100 (880:137g)	Modern Physics	
PHYSICS 4110/5110 (880:138g)	Modern Physics Laboratory	
PHYSICS 4200/5200 (880:144g)	Introduction to Nanoscience and Nanotechnology	
PHYSICS 4210/5210 (880:148g)	Intermediate Nanoscience and Nanotechnology	
PHYSICS 4290/5290	Project Lead The Way: Digital Electronics	
PHYSICS 4300/5300 (880:152g)	Introduction to Electronics	
Total Hours		16-18

[*]   A maximum of 2 hours are allowed.

Department of Political Science

(College of Social and Behavioral Sciences)

www.uni.edu/polisci

The Department of Political Science offers the following undergraduate programs and program certificates. Specific requirements for these programs are listed within this Department of Political Science section in the following order:

Undergraduate Majors (B.A.)

- Political Communication (also listed in Department of Communication Studies)
- Political Science-Liberal Arts
- Public Administration

Minors

- International Affairs-Liberal Arts

- Political Science-Liberal Arts
- Politics and Law

Graduate Majors (M.P.P.)

- Master of Public Policy

Program Certificates

- International Peace and Security
- Graduate Certificate in Public Administration
- State and Local Government

Bachelor of Arts Degree Programs
Political Communication Major

The Political Communication major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required core		
Communication Studes:		
COMM 4211/5211 (48C:123g)	Rhetoric and Civic Culture	3
COMM 4216/5216 (48C:160g)	Political Communication	3
or POL AMER 4160/5160	Political Communication	
COMM 4444/5444 (48C:155g)	Communication, Community, and Change	3
COMM COR 1010 (48J:002)	Mass Communication and Society	3
Political Science:		
POL AMER 1014 (942:014)	Introduction to American Politics [*]	3
POL AMER 3112 (942:112)	Campaigns and Elections	3
POL AMER 3150 (942:150)	Public Opinion and Voting Behavior	3
Methodology:		
Select one of the following from Communication Studies/Political Science:		3
COMM COR 2020 (48C:080)	Communication Research Methods [*]	
COMM 4023/5023 (48C:189g)	Rhetorical Communication Research Methods [*]	
POL GEN 2010 (940:010)	Analyzing Politics	
Internship in Communication Studies/Political Science:		3
COMM 3900/5900 (48C:197g)	Internship in Communication	
POL GEN 3181 (940:181)	Internship in Politics [*]	
Electives (choose two courses from Communication Studies and two courses from Political Science from the following list):		12
Communication Studies:		
COMM 2257 (48C:074)	Argumentation and Debate [*]	

COMM 3055 (48C:132)	Organizational Communication *	
COMM 4217/5217 (48C:176g)	Freedom of Speech	
COMM 4218 (48C:178)	Persuasion	
COMM 4333/5333 (48C:148g)	Communication and Conflict Management *	
COMM 4344/5344 (48C:151g)	Intercultural Communication	
COMM 4446/5446 (48C:113g)	Social Protest: Performance and Rhetoric	
COMM 4544/5544 (48C:120g)	Digital Culture and Communication	
COMM DM 1611	Media Literacy	
COMM DM 4612/5612	Digital Media: Processes and Effects	
COMM DM 4743/5743	Journalism and Law *	
COMM DM 4754/5754	Global Mass Communication Systems *	
COMM PR 1811 (48P:005)	Principles of Public Relations *	
Political Science:		
POL AMER 2131 (942:131)	American State Politics	
POL AMER 3132 (942:132)	Community Politics	
POL AMER 3134 (942:134)	Legislative Politics *	
POL AMER 3144 (942:144)	Civil Rights and Liberties	
POL AMER 3151 (942:151)	Modern Presidency *	
POL AMER 3166 (942:166)	Political Parties and Interest Groups *	
POL AMER 4143/5143 (942:143g)	Citizen Participation and Civic Engagement	
POL AMER 4177/5177 (942:177g)	Political Psychology	
POL INTL 3126 (943:126)	Human Rights	
POL INTL 3143 (943:143)	International Law	
Total Hours		**39**

*   *Choice of courses and subsequent prerequisites may increase the length of this program. These courses have additional prerequisites as follows:
POL AMER 1014 (942:014) satisfies Category 5B of the Liberal Arts Core.
COMM COR 2020 (48C:080), COMM 2257 (48C:074), and COMM 3055 (48C:132) have prerequisite of COMM 1000 (48C:001). COMM 1000 (48C:001) satisfies Category 1B of the Liberal Arts Core.
POL GEN 3181 (940:181) has prerequisites of POL GEN 2010 (940:010); 15 hours of Political Science, Political Communication, or Public Administration major.
COMM 4023/5023 (48C:189g) has prerequisite of COMM COR 2020 (48C:080) but will be waived for Political Communication majors.
COMM 4333/5333 (48C:148g) has a prerequisite of COMM 2344 (48C:004).
COMM DM 4612/5612 has prerequisite of COMM COR 2020 or consent of instructor.
 COMM DM 4754 has prerequisite of COMM COR 1010 (48J:002).
COMM PR 1811 (48P:005) has prerequisites of COMM 1000 (48C:001) and ENGLISH 1005 (620:005). COMM 1000 (48C:001) satisfies Category 1B of the Liberal Arts Core.
POL AMER 3134 (942:134), POL AMER 3151 (942:151), and POL AMER 3166 (942:166) have prerequisite of POL AMER 1014 (942:014). POL AMER 1014 (942:014) satisfies Category 5B of the Liberal Arts Core.

Political Science Major-Liberal Arts

The Political Science-Liberal Arts major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required

Political Science:		
POL GEN 2010 (940:010)	Analyzing Politics	3
POL THRY 1050 (941:050)	Introduction to Political Theory: Freedom, Justice and Power	3
POL AMER 1014 (942:014)	Introduction to American Politics *	3
POL INTL 1024 (943:024)	International Relations *	3
POL COMP 1040 (944:040)	Comparative Politics	3
Students must take at least one upper-level course in each of the four sub-fields of political science:		
Political Theory [POL THRY 3xxx/4xxx (941:1xx)]		3
American Politics [POL AMER 3xxx/4xxx (942:1xx)]		3
International Relations (POL INTL 3xxx/4xxx (943:1xx)]		3
Comparative Politics [POL COMP 3xxx/4xxx (944:1xx)]		3
Students must take one Senior Seminar in Political Science:		
POL GEN 3184 (940:184)	Senior Seminar in Political Science	3

Electives in political science (POL AMER, POL COMP, POL GEN, POL INTL, POL THRY)		9
Total Hours		39

Note: Not more than 9 semester hours of political science taken within the International Affairs minor or Politics and Law minor may also be counted for credit on this major.

*   POL AMER 1014 (942:014) satisfies Category 5B of the Liberal Arts Core. POL INTL 1024 (943:024) satisfies Category 5C of the Liberal Arts Core.

Public Administration Major

The Public Administration major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required

Political Science:		
POL GEN 2010 (940:010)	Analyzing Politics	3
POL GEN 3111 (940:111)	Introduction to Quantitative Methods in Political Science	3
POL AMER 1014 (942:014)	Introduction to American Politics *	3
POL AMER 1048 (942:048)	Introduction to Public Administration	3
POL AMER 3172/5172 (942:172)	Public Budgeting	3
POL AMER 4153/5153 (942:153g)	Public Organizations	3
POL AMER 4173 (942:173g)	The Public Policy Process	3
POL AMER 4188/5188 (942:188g)	Seminar in Public Administration	3
Internship:		
POL GEN 3181 (940:181)	Internship in Politics *	3-8
Area of concentration: choose one of the following focus areas (below)		9
Total Hours		36-41

Focus Area 1 - Economics and Finance (select 3 courses)

Select three from the following:		9
Accounting		
ACCT 2120 (120:030)	Principles of Financial Accounting	
ACCT 2130 (120:031)	Principles of Managerial Accounting *	
Economics		
ECON 1041 (920:053)	Principles of Macroeconomics *	
ECON 1051 (920:054)	Principles of Microeconomics *	
ECON 3221/5221 (920:117g)	Public Finance *	

ECON 3229/5229 (920:125g)	Cost-Benefit Analysis *	
ECON 3253/5253 (920:148g)	Urban and Regional Economics *	
Political Science		
POL AMER 4130/5130 (942:130g)	Iowa Politics	
POL AMER 4176/5176 (942:176g)	Topics in Public Policy	
Total Hours		9

Focus Area 2 - Community and Regional Development (select 3 courses)

Select three from the following:		9
Political Science		
POL AMER 2131 (942:131)	American State Politics	
POL AMER 3132 (942:132)	Community Politics	
POL AMER 4130/5130 (942:130g)	Iowa Politics	
POL AMER 4176/5176 (942:176g)	Topics in Public Policy	
Geography		
GEOG 4170/5170 (970:168g)	Regional Analysis and Planning	
GEOG 4190/5190 (970:117g)	Transportation Planning and Policy	
GEOG 4320/5320 (970:174g)	Geographic Information Systems II *	
Criminology		
CRIM 4253/5253 (982:153g)	Crime and Public Policy *	
Total Hours		9

Focus Area 3 - Human Resources (select 3 courses)

Select three from the following:		9
Management		
MGMT 3153 (150:153)	Organizational Management	
MGMT 3965/5965 (150:165g)	Organizational Behavior *	
MGMT 3966/5966 (150:166g)	Staffing and Employee Development *	
Psychology		
PSYCH 3304/5304 (400:158g)	Organizational Psychology *	
PSYCH 3305/5305 (400:157g)	Industrial Psychology *	
Social Work		
SW 4163 (450:163g)	Diversity and Difference *	
Communication Studies		
COMM 3055 (48C:132)	Organizational Communication *	
Political Science		

POL AMER 3174 (942:174)	Public Personnel Administration	
POL AMER 4130/5130 (942:130g)	Iowa Politics	
POL AMER 4176/5176 (942:176g)	Topics in Public Policy	
Total Hours		9

*   These courses have additional prerequisites as follows:
POL AMER 1014 (942:014) satisfies Category 5B of the Liberal Arts Core.
POL GEN 3181 (940:181) has prerequisites of POL GEN 2010 (940:010); 15 hours of Political Science; Political Science, Political Communication, or Public Administration major; junior standing and consent of department.
ACCT 2130 (120:031) has prerequisite of C- or better in ACCT 2120 (120:030).
ECON 3221/5221 (920:117g), ECON 3229/5229 (920:125g) and ECON 3253/5253 (920:148g) have prerequisites of ECON 1041 (920:053) and ECON 1051 (920:054). **Both** ECON 1041 (920:053) **and** ECON 1051 (920:054) may substitute for *ECON 1031 (920:024)* which will satisfy Category 5B of the Liberal Arts Core.
ECON 1051 (920:054) has prerequisite of ECON 1041 (920:053).
GEOG 4320/5320 (970:174g) has prerequisite of GEOG 3310 (970:164).
CRIM 4253/5253 (982:153g) has prerequisites of *SOC 1000 (980:001)* and CRIM 2022 (982:022). SOC 1000 (980:001) will satisfy Category 5A of the Liberal Arts Core.
MGMT 3965/5965 (150:165g) has prerequisite of MGMT 3153 (150:153), STAT 1772 (800:072) or equivalent, ECON 1011 (920:070). STAT 1772 (800:072) will satisfy Category 1C of the Liberal Arts Core.
MGMT 3966/5966 (150:166g) has prerequisite of MGMT 3153 (150:153).
PSYCH 3305/5305 (400:157g) and PSYCH 3304/5304 (400:158g) have prerequisite of *PSYCH 1001 (400:001)*. *PSYCH 1001 (400:001)* will satisfy Category 5B of the Liberal Arts Core.
SW 4163 (450:163g) has prerequisite of *SOC 1000 (980:001)*. *SOC 1000 (980:001)* will satisfy Category 5A of the Liberal Arts Core.
COMM 3055 (48C:132) has prerequisite of COMM 1000 (48C:001). COMM 1000 (48C:001) satisfies Category 1B of the Liberal Arts Core.

Minors

International Affairs Minor-Liberal Arts

The International Affairs minor is composed of 21 hours in political science and related disciplines. The requirements are as follows:

Required

Political Science:		
POL INTL 1024 (943:024)	International Relations [*]	3
POL COMP 1040 (944:040)	Comparative Politics	3
Select at least two of the following:		6

Political Science:		
POL COMP 3121 (944:121)	Terrorism and Insurgency	
POL COMP 3123 (944:123)	Nationalism	
POL COMP 3125 (944:125)	Politics of Nonviolence	
POL INTL 3120 (943:120)	International Security	
POL INTL 3126 (943:126)	Human Rights	
POL INTL 3127 (943:127)	United States Foreign Policy	
POL INTL 3143 (943:143)	International Law	
POL INTL 3145 (943:145)	International Organizations	
POL INTL 4119/5119 (943:119g)	Politics of the Global Economy	
POL INTL 4125/5125 (943:125g)	North-South Relations	
Economics: [^]		
ECON 3245/5245 (920:136g)	International Economics [^]	
Select at least one of the following:		3
Political Science:		
POL COMP 3135 (944:135)	Politics in Europe	
POL COMP 3162 (944:162)	Politics of East Asia	
POL COMP 3164 (944:164)	Russian and Eurasian Politics	
POL COMP 3165 (944:165)	African Politics	
POL COMP 3167 (944:167)	Latin American Politics	
Select two of the following, any additional electives from the courses listed above, or those listed below: [**]		6
Communication:		
COMM 4344/5344 (48C:151g)	Intercultural Communication	
Journalism:		
COMM DM 4754/5754	Global Mass Communication Systems	
French:		
FREN 3011/5011 (720:111g)	Business French [^]	
FREN 4014/5014 (720:114g)	The World of French Business [^]	
FREN 4021/5021 (720:121g)	Special Topics in Language and Culture [^]	
Spanish:		
SPAN 3020 (780:120)	Latin American Culture and Civilization [^]	
SPAN 3023 (780:123)	Culture and Civilization of Spain [^]	

Economics: ^		
ECON 3249/5249 (920:143g)	Economic Development ^	
ECON 3261/5261 (920:175g)	International Financial Economics ^	
History:		
HISEUB 4520/5520 (963:160g)	Europe from World War I to the Present	
HISEUB 4620/5620 (963:174g)	History of Modern France	
HISEUB 4630/5630 (963:172g)	History of Germany Since 1648	
HISEUB 4660/5660 (963:169g)	History of Imperial Russia	
HISEUB 4670/5670 (963:170g)	History of Soviet Russia	
HISEUB 4675/5675 (963:157g)	Great Power Diplomacy from the Congress of Vienna to the Present	
HISEUB 4680/5680 (963:154g)	Military History from Napoleon to the Present	
HISNW 4720/5720 (964:180g)	Modern Latin American History	
HISNW 4740/5740 (964:175g)	Modern African History	
HISNW 4840/5840 (964:182g)	Modern South Asia	
HISNW 4860/5860 (964:187g)	Modern Chinese History	
Geography:		
GEOG 4150/5150 (970:141g)	Regional Geography: (Variable Topic)	
Sociology/Anthropology:		
SOC 3001 (980:177) or ANTH 3001 (990:177)	Language and Culture ^ Language and Culture	
Total hours ***		21

*   POL INTL 1024 (943:024) satisfies Category 5C of the Liberal Arts Core.

**   This requirement may also be met by an internship approved by the Department of Political Science. Furthermore, students who have successfully completed four semesters at the college level of any foreign language, with at least a 2.00 GPA, or demonstrate an equivalent competency level can apply three credit hours toward the fulfillment of this requirement.

***   No more than 9 hours of political science for this minor can also be counted toward a major in political science.

^   These courses have additional prerequisites as follows: COMM DM 4754/5754 has prerequisite of COMM COR 1010 (48J:002). FREN 3011/5011 (720:111g), FREN 4014/5014 (720:114g), and FREN 4021/5021 (720:121g) have prerequisite of FREN 3001/5001 (720:101g). SPAN 3020 (780:120) and SPAN 3023 (780:123) have prerequisite of SPAN 3001 (780:101) or SPAN 3050/5050 (780:150g). ECON 1041 (920:053) and ECON 1051 (920:054) are prerequisites to all 100/2000/3000/4000-level economics courses. Either *ECON 1031 (920:024)* or **both** ECON 1041 (920:053) **and** ECON 1051 (920:054) will satisfy Category 5B of the Liberal Arts Core. SOC 3001 (980:177)/ANTH 3001 (990:177) and ANTH 3441/5441 (990:162g) have prerequisite of *SOC 1000 (980:001)* or *ANTH 1002 (990:011)*, either of which will satisfy Category 5A of the Liberal Arts Core.

Note: Choice of courses and subsequent course prerequisites may increase the length of this program.

Political Science Minor-Liberal Arts

Required

Political Science:		
POL GEN 2010 (940:010)	Analyzing Politics	3
POL THRY 1050 (941:050)	Introduction to Political Theory: Freedom, Justice and Power	3
POL AMER 1014 (942:014)	Introduction to American Politics *	3
POL INTL 1024 (943:024)	International Relations *	3
POL COMP 1040 (944:040)	Comparative Politics	3
Electives in political science (POL AMER, POL COMP, POL GEN, POL INTL, POL THRY)		3
Total Hours		18

*   POL AMER 1014 (942:014) satisfies Category 5B of the Liberal Arts Core. POL INTL 1024 (943:024) satisfies Category 5C of the Liberal Arts Core.

Note: Not more than 9 semester hours of political science taken within the International Affairs minor or Politics and Law minor may also be counted for credit on a political science major or minor.

Politics and Law Minor

The Politics and Law minor is intended to provide students with a general understanding of American legal institutions and how these institutions interact and influence our policy. The program equips students with a facility in legal reasoning and logic.

Required

Political Science:		
POL AMER 1014 (942:014)	Introduction to American Politics *	3
POL AMER 3141 (942:141)	Constitutional Law	3
POL AMER 3146 (942:146)	Law and Politics	3
Philosophy:		
PHIL 1030 (650:045)	Elementary Logic	3

Select two of the following:		6
Management:		
MGMT 3905/5905 (150:105g)	Employment and Labor Law ^	
Political Science:		
POL AMER 3144 (942:144)	Civil Rights and Liberties	
POL AMER 2147	Law and the Courts	
Criminology:		
CRIM 2022 (982:022)	Criminal Justice System ^	
Select one of the following:		3
Management:		
MGMT 3101 (150:101)	Business Law	
Psychology:		
PSYCH 2302 (400:070)	Psychology and Law ^	
Philosophy:		
PHIL 3320 (650:172)	Society, Politics, and the Person	
Economics:		
ECON 3231/5231 (920:128g)	Law and Economics ^	
Political Science:		
POL THRY 3129 (941:129)	American Political Thought	
POL AMER 4142/5142 (942:142g)	Problems in Juvenile and Family Law	
POL INTL 3143 (943:143)	International Law	
Criminology:		
CRIM 2232 (982:132)	Juvenile Justice ^	
CRIM 4228/5228 (982:128g)	Law and Society ^	
CRIM 4331/5331 (982:131g)	Women, Crime and Society ^	
Total Hours		21

Note: Not more than 9 semester hours of political science for this minor can count toward a major in political science.

Note: Choice of courses and subsequent course prerequisites may increase the length of this program.

*   POL AMER 1014 (942:014)satisfies Category 5B of the Liberal Arts core.

^   These courses have additional prerequisites as follows: MGMT 3905/5905 (150:105g) has prerequisite of MGMT 3100 (150:100) or MGMT 3101 (150:101) or equivalent.
CRIM 2022 (982:022) and CRIM 4228/5228 (982:128g) have prerequisite of *SOC 1000 (980:001)*, which will satisfy Category 5A of the Liberal Arts Core.
PSYCH 2302 (400:070) has prerequisite of *PSYCH 1001 (400:001)*, which will satisfy Category 5B of the Liberal Arts Core.
ECON 3231/5231 (920:128g) has prerequisite of ECON 1041 (920:053) and ECON 1051 (920:054). Satisfactory completion of **both** ECON 1041 (920:053) and ECON 1051 (920:054) will satisfy Category 5B of the Liberal Arts Core.
CRIM 2232 (982:132) and CRIM 4331/5331 (982:131g) have prerequisites of SOC 1000 (980:001) and CRIM 2022 (982:022). SOC 1000 (980:001) will satisfy Category 5A of the Liberal Arts Core.

Master of Public Policy Degree Program

The Master of Public Policy is a professional interdisciplinary degree program providing specialized and advanced training for students wishing to assume roles as policy analysts, principally in the governmental and nonprofit sectors of society. Courses are offered using a combination of Adobe Connect and online via eLearning.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Political Science for other application requirements. Graduate information and application for graduate admission can be found at http://www.grad.uni.edu/admission. Complete undergraduate transcripts are also required for admission review.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Courses in the program provide thorough coverage of the contributions of political science and other disciplines to the analysis of public policy including methods courses that provide training in the rigorous aspects of policy analysis and evaluation required of professionals in the field. Topical courses allow students to develop an understanding of substantive areas of policy analysis. Research requirements allow students to apply theory and methods to actual policy problems.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

Admission to the M.P.P. program is competitive. Entering students are expected to have acquired introductory level knowledge, from their undergraduate training, of statistical methods, micro-economics, and American governmental process. Courses are available outside the degree program in these programs. Students who lack such background should consult with the graduate program coordinator.

The M.P.P. is available on the **non-thesis** option only, and requires **34-37 semester hours**. **A minimum of 13 hours of 200/6000-level course work is required.** The 3 credit hours of internship may be waived with sufficient work experience as determined by the graduate

program coordinator. As part of PUBPOL 6299, students must defend their research to the instructor and reader.

Required

Public Policy:		
PUBPOL 6201	Politics and Public Policy	3
PUBPOL 6260 (950:260)	Policy Analysis: Methods and Approaches	3
PUBPOL 6204/5204	Program Evaluation in Public Policy	3
or ECON 3229/5229 (920:125g)	Cost-Benefit Analysis	
PUBPOL 6275 (950:275)	Quantitative Methods for Politics and Policy	3
PUBPOL 6285 (950:285)	Readings in Public Policy	1
PUBPOL 6299 Research		3
Economics:		
POL AMER 3172/5172 (942:172)	Public Budgeting	3
or ECON 3221/5221 (920:117g)	Public Finance	
Political Science:		
POL AMER 4153/5153 (942:153g)	Public Organizations	3
POL AMER 4176/5176 (942:176g)	Topics in Public Policy (enroll 3 times)	9
History:		
HIST 6020 (960:225)	History and U.S. Public Policy	3
Internship:		
PUBPOL 6281 (950:281)	Internship in Public Policy [*]	3
Total hours (if internship waived)		34
Total hours		37

[*]   Students who are already working in the public sector or have significant public sector experience will have this requirement waived upon approval by the Graduate Coordinator.

Topics in Public Policy explores the latest developments in the field of public policy research. Ongoing policy issues may be used as examples to illustrate theoretical developments or to introduce applications of course material. Must be repeated three times under different topics.

Program Certificates

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following program certificates, contact the Department of Political Science or the Office of the Registrar, which serves as the centralized registry.

Certificate in International Peace and Security

The Certificate in International Peace and Security is designed to provide a specialized and in-depth knowledge of theories, concepts and evidence about issues of conflict and peace in world politics. Students will develop analytical and practical skills on matters of diplomacy and conflict resolution, coupled with a breadth of understanding about contemporary issues, about the different types and forms of international violence that exist, as well as the causes of and solutions to such conflict.

If your career goals are in foreign service, public or private sector conflict mediation, international business and risk assessment, homeland security or military service, this certificate program will be an invaluable benefit to your education. Any student seeking advanced study in international security, or who wishes to foster peace and understand war, is eligible and will find this intensive program rewarding.

Required

International Relations core:		
POL INTL 1024 (943:024)	International Relations [*]	3
POL INTL 3120 (943:120)	International Security	3
Electives		
Select a minimum of 9 hours from the following:		9
Communication:		
COMM 4344/5344 (48C:151g)	Intercultural Communication	
International Relations:		
POL INTL 3127 (943:127)	United States Foreign Policy	
POL INTL 3143 (943:143)	International Law	
POL INTL 3145 (943:145)	International Organizations	
Comparative Politics:		
POL COMP 3121 (944:121)	Terrorism and Insurgency	
POL COMP 3125 (944:125)	Politics of Nonviolence	
History:		
HISEUB 4675/5675 (963:157g)	Great Power Diplomacy from the Congress of Vienna to the Present	
HISEUB 4680/5680 (963:154g)	Military History from Napoleon to the Present	
Sociology:		
SOC 3090 (980:102)	Conflict Resolution	
Total Hours		15

[*]   POL INTL 1024 (943:024) satisfies Category 5C of the Liberal Arts Core.

Graduate Certificate in Public Administration

The Graduate Certificate in Public Administration is designed for public policy professionals who may desire an added credential that would be helpful for career advancement. The certificate is embedded

in the Master of Public Policy (MPP) program. However, students do not have to be enrolled in the MPP program in order to register for and complete courses for the certificate. The certificate can be completed in three semesters and all courses are taught online by full time faculty in the Department of Political Science.

Required:

POL AMER 3172/5172 (942:172)	Public Budgeting	3
POL AMER 4153/5153 (942:153g)	Public Organizations	3
PUBPOL 6201	Politics and Public Policy	3
PUBPOL 6260 (950:260)	Policy Analysis: Methods and Approaches	3
PUBPOL 6275 (950:275)	Quantitative Methods for Politics and Policy	3
Total Hours		15

Certificate in State and Local Government

The Certificate in State and Local Government is designed to provide a specific set of skills to any student at UNI looking to work in state or local government. This certificate blends theoretical and practical knowledge to provide the flexibility to solve some of the problems facing these governments.

If your career goals include public finance, economic development, community development and planning, or state and local politics, a Certificate in State and Local Government will help link your education to your career.

A Certificate in State and Local Government will also help students who want to work in public agencies such as school administration, city management, public health, social services, or public safety.

Required

American Politics:

POL AMER 1014 (942:014)	Introduction to American Politics [*]	3
POL AMER 2131 (942:131)	American State Politics	3

Electives

Select minimum 9 hours from the following:		9

Communication:

COMM 4216/5216 (48C:160g)	Political Communication	
or POL AMER 4160/5160	Political Communication	

Economics:

ECON 3253/5253 (920:148g)	Urban and Regional Economics [*]	

American Politics:

POL AMER 3132 (942:132)	Community Politics	
POL AMER 3172/5172 (942:172)	Public Budgeting [*]	
POL AMER 4130/5130 (942:130g)	Iowa Politics	
POL AMER 4153/5153 (942:153g)	Public Organizations	

POL AMER 4173 (942:173g)	The Public Policy Process [*]	

Criminology:

CRIM 4253/5253 (982:153g)	Crime and Public Policy [*]	

Total Hours		15

[*]   These courses have additional prerequisites are as follows: POL AMER 1014 (942:014) satisfies Category 5B of the Liberal Arts Core.
ECON 3253/5253 (920:148g) has prerequisites of ECON 1041 (920:053) and ECON 1051 (920:054), or consent of instructor. ECON 1041 (920:053) and ECON 1051 (920:054) are prerequisites to all 100/2000/3000/4000-level economics courses. Either *ECON 1031 (920:024)* or **both** ECON 1041 (920:053) **and** ECON 1051 (920:054) will satisfy Category 5B of the Liberal Arts Core.
POL AMER 3172/5172 (942:172) and POL AMER 4173 (942:173g) have prerequisites of POL AMER 1014 (942:014) and POL AMER 1048 (942:048). POL AMER 1014 (942:014) satisfies Category 5B of the Liberal Arts Core.
CRIM 4253/5253 (982:153g) has prerequisites of *SOC 1000 (980:001)* and CRIM 2022 (982:022). *SOC 1000 (980:001)* will satisfy Category 5A of the Liberal Arts Core.

Department of Psychology

(College of Social and Behavioral Sciences)

www.uni.edu/psych

The Department of Psychology offers the following undergraduate and graduate programs and program certificate. Specific requirements for these programs are listed within this Department of Psychology section in the following order:

Undergraduate Major (B.A.)

- Psychology

Minor

- Psychology

Graduate Major (M.A.)

- Psychology

Program Certificate

- Industrial and Organizational Psychology Certificate

Students who want to declare psychology as a major or minor must have completed 9 hours of psychology (PSYCH xxxx/400:xxx) with a minimum GPA of 2.50. Students not meeting this requirement may discuss their special situation with the department head.

Only courses with an earned grade of at least a C- will count toward the major and minor.

It is possible for psychology majors to graduate with departmental honors provided they have an overall GPA of at least 3.50 and complete a research project deemed worthy of honors by the

department. Generally such a project is done in the context of 3 hours of PSYCH 4705/5705 (400:193g) Research Experience in Psychology.

PSYCH 1001 (400:001) Introduction to Psychology is a prerequisite for most other psychology courses, and must be taken by all psychology majors and minors. It also counts as a Liberal Arts Core requirement.

Bachelor of Arts Degree Program
Psychology Major

The Psychology major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required

Psychology:		
PSYCH 1001 (400:001)	Introduction to Psychology	3
PSYCH 2002	Careers in Psychology	1
PSYCH 3002 (400:101)	Research Methods	4
PSYCH 3003 (400:102)	Psychological Statistics	4
PSYCH 3004/5004 (400:118g)	History and Systems of Psychology	3
Select one course from each of the five content areas:		15
Biological:		
PSYCH 2101 (400:155)	Biopsychology	
PSYCH 3102/5102 (400:170g)	Drugs and Individual Behavior	
PSYCH 3103/5103 (400:152g)	Sensation and Perception	
PSYCH 3104/5104 (400:127g)	Introduction to Neurology	
Social/Developmental:		
PSYCH 2201 (400:060)	Psychology of Gender	
PSYCH 2202 (400:120)	Developmental Psychology	
PSYCH 2203 (400:160)	Social Psychology	
PSYCH 3204/5204 (400:173g)	Psychology of Aging	
Applied:		
PSYCH 2301 (400:025)	Applied Psychology	
PSYCH 2302 (400:070)	Psychology and Law	
PSYCH 3303/5303 (400:154g)	Health Psychology	
PSYCH 3304/5304 (400:158g)	Organizational Psychology	
PSYCH 3305/5305 (400:157g)	Industrial Psychology	
Abnormal/Individual Differences:		
PSYCH 2401 (400:166)	Clinical Psychology	
PSYCH 2402 (400:161)	Psychology of Personality	
PSYCH 3403/5403 (400:142g)	Abnormal Psychology	
PSYCH 3404/5404 (400:106g)	Psychology of Human Differences	
Cognition and Learning:		

PSYCH 2501 (400:050)	Behavior Modification	
PSYCH 3502/5502 (400:134g)	Motivation and Emotion	
PSYCH 3503/5503 (400:150g)	Conditioning and Learning	
PSYCH 3504/5504 (400:151g)	Memory and Language	
PSYCH 3505/5505 (400:153g)	Cognitive Psychology	
Electives in psychology		9
Electives may be selected from any of the psychology courses (PSYCH xxxx/400:xxx)		
No more than six total hours of 3179/179, 4704/192, 4705/93, and 4198/198 can count toward fulfilling the major requirements		
Total Hours		39

Minor
Psychology Minor

Required

Psychology:		
PSYCH 1001 (400:001)	Introduction to Psychology	3
PSYCH 3002 (400:101)	Research Methods	4
PSYCH 3004/5004 (400:118g)	History and Systems of Psychology	3
Electives in psychology		15
Total Hours		25

Master of Arts Degree Program
Major in Psychology

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Psychology for any other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is** required for admission to the program, except those applicants applying to the Fifth Year program in Industrial-Organizational (I/O)

In addition to meeting general university admission requirements, applicants are also required to submit the following for consideration:

1. a departmental application form;
2. three letters of recommendation, preferably from undergraduate psychology instructors; and
3. Graduate Record Examination (GRE) scores on the general test (advanced psychology test scores required only for those applicants who do not have sufficient undergraduate psychology coursework).

The application deadline for fullest consideration for financial aid is February 1. Offers of admission will begin in February and continue on a rolling basis until all positions in the program are filled or until

early May. Applications completed by April 30 will be reviewed and given consideration, but early application is strongly encouraged.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **thesis** option only and requires a **minimum of 30-45 semester hours, depending on the emphasis chosen. A minimum of 15 semester hours of 200/6000-level course work is required.**

The M.A. program in psychology consists of two traditional emphases and an individualized study option:

1. clinical science, for students wishing to pursue doctoral-level study in clinical, counseling, or school psychology or careers as master's research coordinators or providers of psychological services in agencies or institutions;

2. social psychology, for students wishing to pursue doctoral study in social and related areas of psychology or careers as master's level data analysts or community college instructors.

3. students may also choose an individualized study option in which they choose a program of study beyond the courses required for all students in conjunction with a faculty advisor and the graduate coordinator.

The program maintains a strong empirical, research-based orientation and seeks to: a) provide students with opportunities to develop skills in research methodology; b) gain advanced knowledge of major areas of scientific psychology; and c) obtain basic competence in skills relevant to these areas. All students are required to complete a thesis for successful completion of this program. It is expected that students in the two-year program will, except under extraordinary circumstances, have a thesis proposal approved by their advisor by the beginning of their second year of study. The program is set up so it should be completed in two full academic years and two summers. Students are strongly encouraged to finish within this time frame.

Required for all students

Psychology:		
PSYCH 6001 (400:239)	Advanced Statistics	3
Readings:		
PSYCH 6285 (400:285)	Readings in Psychology	2
Thesis Research:		
PSYCH 6299 (400:299)	Research	6
Emphasis requirements (as listed below)		19-34
Total Hours		30-45

Clinical Science Emphasis

Requirements for all students (listed above):		11
Required for emphasis:		
Psychology:		
PSYCH 6002 (400:241)	Research Design	3
PSYCH 6401 (400:249)	Cognitive Assessment	4
PSYCH 6402 (400:270)	Research and Practice of Psychotherapy	3
PSYCH 6405 (400:262)	Personality Assessment	4
PSYCH 6406 (400:225)	Psychopathology	3

PSYCH 6407 (400:272)	Evidence Based Treatment	3
PSYCH 6409	Clinical Ethics	3
PSYCH 6410	Advanced Child Psychopathology and Evidence Based Treatment	3
Clinical Practicum:		
PSYCH 6408 (400:290)	External Clinical Practicum	3
Electives in Psychology		3

(determined in consultation with the Graduate Coordinator)

The following courses are pre-approved as electives in this program:		
PSYCH 3004/5004 (400:118g)	History and Systems of Psychology	
PSYCH 3102/5102 (400:170g)	Drugs and Individual Behavior	
PSYCH 3103/5103 (400:152g)	Sensation and Perception	
PSYCH 3104/5104 (400:127g)	Introduction to Neurology	
PSYCH 3204/5204 (400:173g)	Psychology of Aging	
PSYCH 3303/5303 (400:154g)	Health Psychology	
PSYCH 3304/5304 (400:158g)	Organizational Psychology	
PSYCH 3305/5305 (400:157g)	Industrial Psychology	
PSYCH 3404/5404 (400:106g)	Psychology of Human Differences	
PSYCH 3502/5502 (400:134g)	Motivation and Emotion	
PSYCH 3503/5503 (400:150g)	Conditioning and Learning	
PSYCH 3504/5504 (400:151g)	Memory and Language	
PSYCH 3505/5505 (400:153g)	Cognitive Psychology	
PSYCH 3606/5606 (400:162g)	Special Topics in Social Psychology	
PSYCH 4604/5604 (400:149g)	Principles of Psychometrics	
PSYCH 4607/5607 (400:164g)	Psychological Anthropology	
PSYCH 4608/5608 (400:167g)	Gender in Cross-Cultural Perspective	
PSYCH 6003 (400:292)	Graduate Practicum in Teaching Psychology	
PSYCH 6006 (400:293)	Research in Psychology	
PSYCH 6201 (400:218)	Evolution, Brain and Social Behavior	
PSYCH 6202 (400:220)	Social and Cognitive Development	
PSYCH 6203 (400:261)	Personality	
PSYCH 6204 (400:264)	Advanced Social Psychology	

PSYCH 6205 (400:294)	Advances and Developments in Social Psychology	
PSYCH 6285 (400:285)	Readings in Psychology	
PSYCH 6289 (400:289)	Seminar	
3 hours total from:		
PSYCH 4704/5704 (400:192g)	Practicum in Teaching Psychology	
or PSYCH 4705/5705 (400:193g)	Research Experience in Psychology	
Total Hours		43

Social Psychology Emphasis

Required for all students (listed above):		11
Required for emphasis:		
Psychology:		
PSYCH 4604/5604 (400:149g)	Principles of Psychometrics	3
PSYCH 3606/5606 (400:162g)	Special Topics in Social Psychology	3
PSYCH 6002 (400:241)	Research Design	3
PSYCH 6201 (400:218)	Evolution, Brain and Social Behavior	3
PSYCH 6202 (400:220)	Social and Cognitive Development	3
PSYCH 6203 (400:261)	Personality	3
PSYCH 6204 (400:264)	Advanced Social Psychology	3
Psychology:		
PSYCH 6006 (400:293)	Research in Psychology	6
Psychology:		
PSYCH 6205 (400:294)	Advances and Developments in Social Psychology (1 hr. each of 4 semesters for a total of 4 hrs)	4
Electives in Psychology		3
(determined in consultation with the Graduate Coordinator)		
The following courses are pre-approved as electives in this program:		
PSYCH 3004/5004 (400:118g)	History and Systems of Psychology	
PSYCH 3102/5102 (400:170g)	Drugs and Individual Behavior	
PSYCH 3103/5103 (400:152g)	Sensation and Perception	
PSYCH 3104/5104 (400:127g)	Introduction to Neurology	
PSYCH 3204/5204 (400:173g)	Psychology of Aging	
PSYCH 3303/5303 (400:154g)	Health Psychology	
PSYCH 3304/5304 (400:158g)	Organizational Psychology	

PSYCH 3305/5305 (400:157g)	Industrial Psychology	
PSYCH 3404/5404 (400:106g)	Psychology of Human Differences	
PSYCH 3502/5502 (400:134g)	Motivation and Emotion	
PSYCH 3503/5503 (400:150g)	Conditioning and Learning	
PSYCH 3504/5504 (400:151g)	Memory and Language	
PSYCH 3505/5505 (400:153g)	Cognitive Psychology	
PSYCH 4607/5607 (400:164g)	Psychological Anthropology	
PSYCH 4608/5608 (400:167g)	Gender in Cross-Cultural Perspective	
PSYCH 6003 (400:292)	Graduate Practicum in Teaching Psychology	
PSYCH 6285 (400:285)	Readings in Psychology	
PSYCH 6289 (400:289)	Seminar	
PSYCH 6401 (400:249)	Cognitive Assessment	
PSYCH 6406 (400:225)	Psychopathology	
PSYCH 6410	Advanced Child Psychopathology and Evidence Based Treatment	
3 hours total from:		
PSYCH 4704/5704 (400:192g)	Practicum in Teaching Psychology	
or PSYCH 4705/5705 (400:193g)	Research Experience in Psychology	
Total Hours		45

Individualized Study Emphasis

Required of all students (listed above):		11
Required for emphasis: (hours determined in consultation with the faculty advisor and Graduate Coordinator)		30
The following courses are pre-approved for this program:		
PSYCH 3004/5004 (400:118g)	History and Systems of Psychology	
PSYCH 3102/5102 (400:170g)	Drugs and Individual Behavior	
PSYCH 3103/5103 (400:152g)	Sensation and Perception	
PSYCH 3104/5104 (400:127g)	Introduction to Neurology	
PSYCH 3204/5204 (400:173g)	Psychology of Aging	
PSYCH 3303/5303 (400:154g)	Health Psychology	
PSYCH 3304/5304 (400:158g)	Organizational Psychology	
PSYCH 3305/5305 (400:157g)	Industrial Psychology	
PSYCH 3404/5404 (400:106g)	Psychology of Human Differences	

PSYCH 3502/5502 (400:134g)	Motivation and Emotion	
PSYCH 3503/5503 (400:150g)	Conditioning and Learning	
PSYCH 3504/5504 (400:151g)	Memory and Language	
PSYCH 3505/5505 (400:153g)	Cognitive Psychology	
PSYCH 3606/5606 (400:162g)	Special Topics in Social Psychology	
PSYCH 4604/5604 (400:149g)	Principles of Psychometrics	
PSYCH 4607/5607 (400:164g)	Psychological Anthropology	
PSYCH 4608/5608 (400:167g)	Gender in Cross-Cultural Perspective	
PSYCH 6002 (400:241)	Research Design	
PSYCH 6003 (400:292)	Graduate Practicum in Teaching Psychology	
PSYCH 6006 (400:293)	Research in Psychology	
PSYCH 6201 (400:218)	Evolution, Brain and Social Behavior	
PSYCH 6202 (400:220)	Social and Cognitive Development	
PSYCH 6203 (400:261)	Personality	
PSYCH 6204 (400:264)	Advanced Social Psychology	
PSYCH 6205 (400:294)	Advances and Developments in Social Psychology	
PSYCH 6285 (400:285)	Readings in Psychology	
PSYCH 6289 (400:289)	Seminar	
PSYCH 6401 (400:249)	Cognitive Assessment	
PSYCH 6406 (400:225)	Psychopathology	
PSYCH 6410	Advanced Child Psychopathology and Evidence Based Treatment	
3 hours total from:		
PSYCH 4704/5704 (400:192g)	Practicum in Teaching Psychology	
or PSYCH 4705/5705 (400:193g)	Research Experience in Psychology	
Total Hours		41

Program Certificates

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following program certificates, contact the Department of Psychology or the Office of the Registrar, which serves as the centralized registry.

Industrial and Organizational Psychology Certificate

This certificate provides undergraduate students with the skills and knowledge necessary to be competitive in a professional human resources or consulting environment.

The 6000-level courses listed are available only to graduate students.

Required		
Psychology:		
PSYCH 3304/5304 (400:158g)	Organizational Psychology	3
PSYCH 3305/5305 (400:157g)	Industrial Psychology	3
Electives: select three of the following:		9
Psychology:		
PSYCH 2301 (400:025)	Applied Psychology	
PSYCH 3404/5404 (400:106g)	Psychology of Human Differences	
PSYCH 3502/5502 (400:134g)	Motivation and Emotion	
PSYCH 2203 (400:160)	Social Psychology	
PSYCH 4604/5604 (400:149g)	Principles of Psychometrics	
Communication Studies:		
COMM 4134/5134 (48C:134g)	Organizational Cultures and Communication	
COMM 3055 (48C:132)	Organizational Communication	
COMM 4155/5155 (48C:135g)	Organizational Communication Assessment	
Political Science:		
POL AMER 4177/5177 (942:177g)	Political Psychology	
POL AMER 1048 (942:048)	Introduction to Public Administration	
POL AMER 4153/5153 (942:153g)	Public Organizations	
POL AMER 3174 (942:174)	Public Personnel Administration	
Management:		
MGMT 3155	Human Resource Management	
MGMT 3905/5905 (150:105g)	Employment and Labor Law	
MGMT 3187 (150:187)	Organization Structure and Design	
MGMT 3965/5965 (150:165g)	Organizational Behavior	
MGMT 3966/5966 (150:166g)	Staffing and Employee Development	
Education:		
POSTSEC 6218 (170:218)	Organization and Governance of Postsecondary Education	

POSTSEC 6266 (170:266)	Administration of Student Affairs
EDLEAD 6245 (270:245)	Leadership for Effective Schools
EDLEAD 7310 (270:310)	Human Resource Administration
EDLEAD 7311 (270:311)	Educational Leadership and Systems Change
Leisure, Youth, and Human Services:	
LYHS 3337 (430:154)	Human Resource Development for Nonprofit and Youth Agencies
LYHS 6202 (430:202)	Social Psychology of Leisure
LYHS 2020 (430:020)	Leadership in Leisure, Youth and Human Services
LYHS 6412 (430:250)	Management Issues in Leisure, Youth and Human Services
LYHS 6402 (430:260)	Strategic Program Management
Technology:	
TECH 4187/5187 (330:187g)	Applied Industrial Supervision and Management
TECH 3196 (330:196)	Industrial Safety

Total Hours	15

The 6000-level and 7000-level electives are available only to graduate students.

Regents Alternative Pathway to Iowa Licensure (RAPIL) - Answering the Call to Teach

(Regents Collaborative Program)

www.iowateacherintern.org.

The Regents Alternative Pathway to Iowa Licensure (RAPIL) - *Answering the Call to Teach* - is a Regents collaborative designed to bring quality teacher preparation to eligible adult learners holding a baccalaureate degree and who have life and professional experiences to bring to today's secondary students.

All three of the Regents programs have successful, state-approved teacher education programs for traditional students. This collaborative program allows each institution to contribute essential, unique resources to adult teacher preparation. Intern candidates learn in both online and face-to-face environments outside of the typical on-campus, day-class format.

Candidates who successfully complete this state-approved preparation program will be recommended by the RAPIL for an Iowa Initial teaching license, to be approved by the Iowa Board of Educational Examiners.

Applicants who are approved for admission to the program will take the courses listed below through Continuing Education at the University of Iowa. For application information: *www.iowateacherintern.org*.

Course Synopsis
January to March

One face-to-face day of orientation to meet faculty and fellow students and to become acclimated to technology and the demands of the program.

EDTL:3059 Introduction to Education and the Regents Alternative Pathway to Iowa Licensure Program (4 credits)

- 3 semester hours: focus on beginning a foundation of learning on: students as learners, the instructional process and assessment.
- 1 semester hour: field experience which includes observation, reflection, and tutoring.

March to May
EDTL:3060 Learning and Instruction for Today's Classrooms (4 credits)
Prerequisite: EDTL:3059

- 3 semester hours: focus on classroom management, instructional strategies, characteristics of adolescents, lesson planning, diverse populations and technology in action.
- 1 semester hour: field experience which includes lesson planning, presenting, and reflecting.

June
EDTL:3063 Creating Classrooms Conducive to Teaching and Learning (3 credits)
Prerequisite: 7S:160/EDTL:3060

- 3 semester hours: focus on research-based principles, concepts, and developmentally appropriate practices for creating productive learning environments; home/school communication and parent partnerships; and reflective practice.

July
EDTL:3061 Instructional Planning, Strategies and Assessment (4 credits)
Prerequisite: EDTL:3063

- 4 semester hours: focus on instructional strategies, lesson planning, diverse populations, assessment, and reflection.

September to November
EDTL:3062 Learning Communities (3 credits)
Prerequisite: EDTL:3061

Concurrent with EDTL:3064 (fall semester)

- 3 semester hours: focus on school community relationships, school policies, and ethics.

August to April
EDTL:3064 Intern Seminar on Critical Issues in Education I and II (3 credits each semester)
Prerequisite: EDTL:3061

Concurrent with EDTL:3062 in the fall and EDTL:3065 in the spring

- Focus on research and reflection on current educational issues while building on knowledge and understanding of exemplary educational practice.
- Serve as teacher intern in Iowa secondary school for one academic year and receive a salary and benefits commensurate with that position.

January to April

EDTL:3065 Methods in Teaching in the Secondary Classroom (3 credits)
Prerequisite: EDTL:3062

Concurrent with EDTL:3064 (spring semester)

- Focus on research and reflection on current educational issues while building on knowledge and understanding of exemplary educational practice.
- Serve as teacher intern in Iowa secondary school for one academic year and receive a salary and benefits commensurate with that position.

Science Education

www.science-ed.uni.edu

Science Education is an interdepartment and intercollegiate entity within the College of Humanities, Arts, and Sciences. There is no science education department as such. Some science teaching majors are offered under the jurisdiction and general supervision of the Dean of the College of Humanities, Arts and Sciences. The responsibility for programs and courses in science education is delegated to the science education faculty under its chairperson. Members of the science education faculty hold their primary appointments in the various science departments in the College of Humanities, Arts and Sciences and in the Department of Teaching in the College of Education.

The following undergraduate and graduate programs are offered in science education. Specific requirements for these programs are listed within this Science Education section in the following order:

Undergraduate Majors (B.A.)

- All Science Teaching
- Middle/Junior High School Science Teaching

Minor

- Basic Science (K-8)-Teaching

Graduate Major (M.A.)

- Science Education

Bachelor of Arts Degree Programs
All Science Teaching *(Extended Program)*

The All Science Teaching major requires a minimum of 137 total hours to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements, and the following specified major requirements to complete the minimum of 137 hours. Because of the number of courses required for this major and course

sequencing, it cannot be completed in eight semesters of normal work. It will require a longer time or additional work during summers.

This major is intended for students who wish to teach at the secondary level in all areas of science (biology, chemistry and biochemistry, earth science, and physics). The program will lead to Iowa Department of Education endorsement in Basic Science (5-12), All Science (5-12), Biology (5-12), Chemistry (5-12), Earth Science (5-12), and Physics (5-12).

Required

Science Education:		
SCI ED 3200 (820:196)	Current Technologies in Science Teaching	2
SCI ED 3300/5300 (820:190g)	Orientation to Science Teaching	3
SCI ED 4700/5700 (820:193g)	Methods for Teaching Physical Science	3
Biology:		
BIOL 2051 (840:051)	General Biology: Organismal Diversity	4
BIOL 2052 (840:052)	General Biology: Cell Structure and Function	4
BIOL 3100 (840:100)	Evolution, Ecology and the Nature of Science	3
BIOL 3140 (840:140)	Genetics	4
BIOL 4193/5193 (840:193g)	Methods for Teaching Life Science	3
Chemistry and Biochemistry:		
CHEM 1110 (860:044)	General Chemistry I	4
CHEM 1120 (860:048)	General Chemistry II [*]	4
Earth Science:		
EARTHSCI 1300 (870:031)	Introduction to Geology	4
EARTHSCI 1320 (870:035)	Earth History	4
Physics:		
PHYSICS 1511 (880:054)	General Physics I	4
PHYSICS 1512 (880:056)	General Physics II [**]	4
Electives from the following:		
Chemistry and Biochemistry:		7
CHEM 2040	Applied Organic and Biochemistry	
or CHEM 2210 (860:120)	Organic Chemistry I	
plus one 2000-level course [^]		
Earth Science:		
EARTHSCI 1100 (870:010)	Astronomy [***]	4
EARTHSCI 1200 (870:021)	Elements of Weather	3
EARTHSCI 1210 (870:022)	Elements of Weather Laboratory	1
Physics:		
any 2000-level course		7
Total Hours		72

[*] Students with excellent preparation in chemistry may substitute CHEM 1130 (860:070) plus 3 hours of additional credit hours in chemistry electives for CHEM 1110 (860:044) and CHEM 1120 (860:048).

**   Students with excellent preparation in physics and calculus may substitute PHYSICS 1701 (880:130) and PHYSICS 1702 (880:131) for *PHYSICS 1511 (880:054)* and PHYSICS 1512 (880:056)

***   *EARTHSCI 1100 (870:010)* must be taken for four semester hours of credit.

For completion of this major the grade point average in each of the four science disciplines must be a minimum of 2.00, with a 2.50 GPA in the major as a whole.

Elective courses must be ones that count toward the major in the discipline or be approved for this use by the department offering the course.

Notes:

1. Students with sufficient high school preparation may be allowed to omit some introductory courses and substitute other courses from the same department.

2. The mathematics prerequisite for one or more of the above courses is a working knowledge of algebra and trigonometry or MATH 1140 (800:046).

Middle/Junior High School Science Teaching

The Middle/Junior High School Science Teaching major requires a minimum of 133-136 total hours to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements, and the following specified major requirements to complete the minimum of 133-136 hours.

Students who complete this major must also complete the Middle Level Education Dual Major – Teaching (see Department of Curriculum and Instruction). This major is for students who wish to teach at the middle school level. Students will complete subject area concentrations in science and up to three other subject area concentrations including Language Arts, Mathematics, and/or Social Studies. This major fulfills the following endorsements: Basic Science (5-12), Middle School Science (5-8) and one other Middle School subject (5-8) including Language Arts, Mathematics, or Social Studies.

Required

Science Education:		
SCI ED 3200 (820:196)	Current Technologies in Science Teaching	2
SCI ED 3300/5300 (820:190g)	Orientation to Science Teaching	3
and one of the following methods courses:		
SCI ED 4700/5700 (820:193g)	Methods for Teaching Physical Science	3
or BIOL 4193/5193 (840:193g)	Methods for Teaching Life Science	
Biology:		
BIOL 2051 (840:051)	General Biology: Organismal Diversity	4
BIOL 2052 (840:052)	General Biology: Cell Structure and Function	4
Chemistry and Biochemistry:		
CHEM 1110 (860:044)	General Chemistry I	4

CHEM 1120 (860:048)	General Chemistry II [*]	4
Earth Science:		
EARTHSCI 1200 (870:021)	Elements of Weather	3
EARTHSCI 1210 (870:022)	Elements of Weather Laboratory	1
EARTHSCI 1300 (870:031)	Introduction to Geology	4
Physics:		
PHYSICS 1511 (880:054)	General Physics I	4
PHYSICS 1512 (880:056)	General Physics II	4
Total Hours		40

*   Students with excellent preparation in chemistry may substitute CHEM 1130 (860:070) plus 3 hours of additional credit hours in chemistry electives for *CHEM 1110 (860:044)* and CHEM 1120 (860:048).

For completion of this major the grade point average in each of the four science disciplines must be a minimum of 2.00, with a 2.50 GPA in the major as a whole.

Notes:

The mathematics prerequisite for one or more of the above courses is a working knowledge of algebra and trigonometry or MATH 1130 (800:044) or MATH 1140 (800:046) .

Minor
Basic Science Minor (K-8)-Teaching

For those pursuing K-6 general classroom teacher licensure with an endorsement in Basic Science (K-8).

Required

Science and Science Education:		
SCI ED 1100 (820:033)	Inquiry into Earth and Space Science	4
SCI ED 1200 (820:032)	Inquiry into Life Science	4
SCI ED 1300 (820:031)	Inquiry into Physical Science	4
SCI ED 3100/5100 (820:130g)	Integrating Science, Technology, Engineering, and Mathematics in the Elementary Classroom	2
SCI ED 2300 (820:181)	Investigations in Physical Science	4
Biology:		
BIOL 3181 (840:181)	Investigations in Life Science	4
Earth Science:		
EARTHSCI 3500 (870:181)	Investigations in Earth and Space Sciences	4
Electives		
Chemistry and Biochemistry, or Physics:		4
Select one from the following:		
CHEM 1010 (860:010)	Principles of Chemistry	
PHYSICS 1400 (880:011)	Conceptual Physics	
Total Hours		30

Master of Arts Degree Program
Major in Science Education

Students interested in this program must submit a completed Application for Admission to Graduate Study. Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact Science Education Chair. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

This major requires as a prerequisite a bachelor's degree (teaching degree preferred) with a major or minor/emphasis in Science or in a specific science discipline. Teacher licensure is a prerequisite for completing the program approval process for this major.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **thesis** and **non-thesis** options. A **minimum of 30 semester hours**, including 6 hours of SCI ED 6299 (820:299) for thesis research and writing, is required for the **thesis** option; a **minimum of 32 semester hours**, including completion and in some cases public presentation of a creative component, is required for the **non-thesis** option. **A minimum of 17 hours of 200/6000-level course work is required for the thesis option. A minimum of 14 hours of 200/6000-level course work is required for the non-thesis option.**

Required

Measurement and Research:		
MEASRES 6205 (250:205)	Educational Research	3
or SCI ED 6500	Research Methods in Science Education	
Science and Science Education:		
SCI ED 6600 (820:294)	Developing Science Curricula	2
SCI ED 6700 (820:200)	The History, Philosophy, and Nature of Science	2
SCI ED 6800 (820:213)	Teaching-Learning Models in Science Education	2
SCI ED 6900 (820:290)	Trends and Issues in Science Education	2
Thesis or non-thesis option		19 or 21
Total hours thesis option		30
Total hours non-thesis option		32

Thesis Option

Research:		
SCI ED 6299 (820:299)	Research	6
Science content courses		8
Electives from education or science education		5
Total Hours		19

Non-Thesis Option

Research:

SCI ED 6299 (820:299)	Research	3
Science content courses		11
Electives from education or science education		7
Total Hours		21

Earth Science Education Emphasis

The Earth Science Education emphasis differs from the Science Education major in that it provides the option of taking either SCI ED 6299 (820:299) or EARTHSCI 6299 (870:299) and also requires 8 hours of graduate credit in Earth Science and a total of 36 hours in Earth Science in combined graduate and undergraduate programs.

Required

Measurement and Research:		
MEASRES 6205 (250:205)	Educational Research	3
or SCI ED 6500	Research Methods in Science Education	
Science Education:		
SCI ED 6600 (820:294)	Developing Science Curricula	2
SCI ED 6700 (820:200)	The History, Philosophy, and Nature of Science	2
SCI ED 6800 (820:213)	Teaching-Learning Models in Science Education	2
SCI ED 6900 (820:290)	Trends and Issues in Science Education	2
Thesis or non-thesis option		19 or 21
Total hours thesis option		30
Total hours non-thesis option		32

Thesis Option

Research:		
SCI ED 6299 (820:299)	Research	6
or EARTHSCI 6299 (870:299)	Research	
Earth Science content		8
Electives from education or science education		5
Total Hours		19

Non-Thesis Option

Research:		
SCI ED 6299 (820:299)	Research	3
or EARTHSCI 6299 (870:299)	Research	
Science content with at least 8 hours of Earth Science		11
Electives from education or science education		7
Total Hours		21

Physics Education Emphasis

The Physics Education emphasis differs from the Science Education major in that it provides the option of taking either SCI ED 6299 (820:299) or PHYSICS 6299 (880:299) and also requires 8 hours of graduate credit in physics and a total of 36 hours in physics in combined graduate and undergraduate programs.

Required

Measurement and Research:		
MEASRES 6205 (250:205) or SCI ED 6500	Educational Research Research Methods in Science Education	3
Science Education:		
SCI ED 6600 (820:294)	Developing Science Curricula	2
SCI ED 6700 (820:200)	The History, Philosophy, and Nature of Science	2
SCI ED 6800 (820:213)	Teaching-Learning Models in Science Education	2
SCI ED 6900 (820:290)	Trends and Issues in Science Education	2
Thesis or non-thesis option		19 or 21
Total hours thesis option		30
Total hours non-thesis option		32

Thesis Option

Research:		
SCI ED 6299 (820:299) or PHYSICS 6299 (880:299)	Research Research	6
Physics content		8
Electives from education or science education		5
Total Hours		19

Non-Thesis Option

Research:		
SCI ED 6299 (820:299) or PHYSICS 6299 (880:299)	Research Research	3
Science content with at least 8 hours of Physics		11
Electives from education or science education		7
Total Hours		21

Inquiries for additional information concerning this major, including assignment of an advisor and advisory committee, should be made to the Science Education Graduate Program Coordinator.

Social Science

http://www.uni.edu/csbs/social-science-and-history-education

There is no social science department as such. The programs and the general courses in social studies are offered under the jurisdiction of the Social Science Education Committee and the general supervision of the Dean of the College of Social and Behavioral Sciences. Inquiries should be directed to the Undergraduate or Graduate Coordinator, Social Science Program, College of Social and Behavioral Sciences.

The following undergraduate and graduate programs are offered in social science. Specific requirements for these programs are listed within this Social Science section in the following order:

Undergraduate Majors (B.A.)

- Social Science-Teaching-Plan A - Specialist
- Social Science-Teaching-Plan B - All Social Science

Graduate Major (M.A.)

- Social Science

Bachelor of Arts Degree Programs
Social Science Major-Teaching - Plan A - Specialist *(Extended Program)*

The Social Science Teaching major Plan A-Specialist requires a minimum of 135 total hours to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements, and the following specified major requirements to complete the minimum of 135 hours.

This major is intended for students who wish to teach three of the following social sciences: American Government, American History, Anthropology, Economics, Geography, Psychology, Sociology, and World History. Because of the number of courses required for this major, it cannot be completed in eight semesters of normal work. It will require a longer time or additional work during summers.

Required

Social Science:		
SOC SCI 3190	Introduction to Teaching Social Studies	1
SOC SCI 4190 (900:190)	Methods of Teaching Social Studies	3
Three areas of study in the social sciences are required. Two of these areas require a minimum of 21 hours, and one requires a minimum of 18 hours. [*]		60
Total Hours		64

[*] Only *one* field of history (American or World) may be selected as one of the *three* areas of the major.

Upon completing 100 credit hours of college course work the student must have permission from the Undergraduate Coordinator, Social Science Program, to continue the Social Science-Teaching major based on minimum GPA requirements for full admission to the Teacher Education Program. Students unable to meet minimum grade point requirements for full admission to the Teacher Education Program and student teaching must seek an alternative major.

American Government

Political Science

POL AMER 1014 (942:014)	Introduction to American Politics	3
AND		
POL INTL 1024 (943:024)	International Relations	3
OR		
POL COMP 1040 (944:040)	Comparative Politics	3
Plus 12 (or 15) hours in American Government.		12-15
Eligible American Government courses		
POL AMER 2131 (942:131)	American State Politics	
POL AMER 2147	Law and the Courts	
POL AMER 3112 (942:112)	Campaigns and Elections	
POL AMER 3134 (942:134)	Legislative Politics	

POL AMER 3141 (942:141)	Constitutional Law	
POL AMER 3146 (942:146)	Law and Politics	
POL AMER 3150 (942:150)	Public Opinion and Voting Behavior	
POL AMER 3151 (942:151)	Modern Presidency	
POL AMER 3166 (942:166)	Political Parties and Interest Groups	
POL AMER 4130/5130 (942:130g)	Iowa Politics	
POL INTL 3127 (943:127)	United States Foreign Policy	
POL THRY 3129 (941:129)	American Political Thought	

COURSES THAT MAY BE USED TO MEET REQUIREMENTS IN EITHER OF THE ABOVE CATEGORIES, BUT NOT BOTH: POL INTL 3127 (943:127) .

American History

History

HISUS 1110 (961:014)	United States History to 1877	3
HISUS 1120 (961:015)	United States History since 1877	3
Plus 12 (or 15) hours in American history from the following courses:		12-15
HIST 1010 (960:010)	Introduction to the Study of History	
HIST 3010 (960:189)	Readings in History	
HISUS 4110/5110 (961:136g)	American Colonial History	
HISUS 4130/5130 (961:137g)	The Early Republic, 1785-1850	
HISUS 4140/5140 (961:139g)	Civil War and Reconstruction	
HISUS 4150/5150 (961:147g)	Foundations of Modern America: The United States, 1877-1929	
HISUS 4160/5160 (961:131g)	U.S. History from 1929 to 1960	
HISUS 4180/5180 (961:116g)	Recent United States History	
HISUS 4200/5200 (961:130g)	History of Iowa	
HISUS 4210/5210 (961:141g)	The South in United States History	
HISUS 4220/5220 (961:140g)	History of the American West	
HISUS 4230/5230 (961:102g)	History of Technology in America	
HISUS 4240/5240 (961:144g)	History of American Thought	
HISUS 4245/5245 (961:122g)	African-American History	

HISUS 4255/5255 (961:124g)	The City in United States History	
HISUS 4250/5250 (961:145g)	Religion in America	
HISUS 4260/5260 (961:146g)	United States Women's History	
HISUS 4265/5265 (961:150g)	Society and Culture in the United States	
HISUS 4270/5270 (961:135g)	American Indian History	
HISUS 4275/5275 (961:142g)	United States Constitutional History	

Anthropology

ANTH 1001 (990:010)	Human Origins	3
ANTH 1002 (990:011)	Culture, Nature, and Society	3
Plus 12 (or 15) hours in anthropology		12-15

Economics

ECON 1041 (920:053)	Principles of Macroeconomics [*]	3
ECON 1051 (920:054)	Principles of Microeconomics [*]	3
ECON 2112 (920:104)	Intermediate Microeconomic Theory	3
ECON 2122 (920:103)	Intermediate Macroeconomic Theory	3
Plus 6 (or 9) hours in economics [**]		6-9

[*]   **Both** ECON 1041 (920:053) **and** ECON 1051 (920:054) will substitute for *ECON 1031 (920:024)* which will satisfy Category 5B of the Liberal Arts Core.

[**]   Except ECON 1021 (920:020), ECON 1031 (920:024), ECON 1011 (920:070).

Geography

GEOG 1110 (970:040)	World Geography	3
GEOG 1120 (970:010)	Human Geography	3
GEOG 1210 (970:026)	Physical Geography	3
GEOG 1310 (970:061)	Maps and Map Interpretation	3
GEOG 3210 (970:137)	Natural Hazards and Disasters	3
Plus 3 (or 6) hours in geography from the following courses:		3-6
GEOG 2210 (970:028)	Recent Climate Change	
GEOG 3110 (970:101)	Economic Geography	
GEOG 3120 (970:104)	North American Cities	
GEOG 3220 (970:100)	Environmental Geography	
GEOG 4110/5110 (970:111g)	Cultural Geography	
GEOG 4120/5120 (970:119g)	Demography and Population Geography	
GEOG 4150/5150 (970:141g)	Regional Geography: (Variable Topic)	

GEOG 4160/5160 (970:151g)	Historical Geography: (Variable Topic)	
GEOG 4210/5210 (970:127g)	Climatology	

Psychology

PSYCH 1001 (400:001)	Introduction to Psychology	3
PSYCH 3002 (400:101)	Research Methods	4

One Course from each category

Human Growth and Development (3 hours)

PSYCH 2202 (400:120)	Developmental Psychology	3

Social, Personality, Abnormal (3 hours)

PSYCH 2203 (400:160)	Social Psychology	
PSYCH 2401 (400:166)	Clinical Psychology	
PSYCH 2402 (400:161)	Psychology of Personality	
PSYCH 3403/5403 (400:142g)	Abnormal Psychology	

Learning, Motivation, and Emotion (3 hours)

PSYCH 2501 (400:050)	Behavior Modification	
PSYCH 3502/5502 (400:134g)	Motivation and Emotion	
PSYCH 3503/5503 (400:150g)	Conditioning and Learning	

Physiological, Cognition, Sensation and Perception (3 hours)

PSYCH 2101 (400:155)	Biopsychology	
PSYCH 3103/5103 (400:152g)	Sensation and Perception	
PSYCH 3104/5104 (400:127g)	Introduction to Neurology	
PSYCH 3504/5504 (400:151g)	Memory and Language	
PSYCH 3505/5505 (400:153g)	Cognitive Psychology	

Electives (0-3 hours)

PSYCH 2201 (400:060)	Psychology of Gender	
PSYCH 3003 (400:102)	Psychological Statistics	
PSYCH 3102/5102 (400:170g)	Drugs and Individual Behavior	
PSYCH 4704/5704 (400:192g)	Practicum in Teaching Psychology	

Sociology

Sociology

SOC 1000 (980:001)	Introduction to Sociology	3
SOC 2010 (980:108)	Research Methods	3

1 Course from Groups 2, 3, 4 and 5

Group 2

SOC 1060 (980:060)	Social Problems	
SOC 2075 (980:100g)	Social Psychology	
SOC 2020 (980:080)	Statistics for Social Research	

Group 3

SOC 3001 (980:177)	Language and Culture	
SOC 3060/5060 (980:138g)	Sociology of Culture	
SOC 3080/5080 (980:120g)	Immigration and Transnationalism	

Group 4

SOC 2030 (980:105g)	Sociology of Families	
SOC 2040 (980:156g)	Social Movements	
SOC 3085/5085 (980:172g)	Sociology of Religion	
SOC 4050 (980:101)	Sociology of Gender	

Group 5

SOC 3045/5045 (980:135g)	Social Inequality	
SOC 3050/5050 (980:129g)	Men and Masculinities	
SOC 3411/5411 (980:167g)	Gender in Cross-Cultural Perspective	

Electives 0-3 Hours		0-3
SOC 3035/5035 (980:125g)	Social Gerontology	
SOC 3070/5070 (980:170g)	Sociological Theory	
SOC 3090 (980:102)	Conflict Resolution	
SOC 3102/5102 (980:168g)	Culture, Disease, and Healing	
SOC 4025/5025 (980:160g)	Quantitative Research	
SOC 4071/5071 (980:171g)	Feminist Theories in the Social Sciences	
SOC 3037/5037 (980:045g)	Race, Ethnicity and Social Justice	
CRIM 4323/5323 (982:123g)	Social Deviance and Control	

World History

One course from Category A, one course from Category B and one from Category C:

Category A:

HISEUA 4310/5310 (962:101g)	History of Ancient Greece	
HISEUA 4320/5320 (962:103g)	History of Ancient Rome	
HISEUA 4330/5330 (962:123g)	History of Classical Civilization	
HISEUA 4340/5340 (962:152g)	Medieval Civilization	
HISEUA 4350/5350 (962:153g)	The Renaissance and Reformation	
HISEUA 4360/5360 (962:158g)	Age of Absolutism and the Enlightenment	
HISEUA 4440/5440 (962:164g)	English History to 1688	
HISEUA 4460/5460 (962:171g)	History of Germany to 1648	
HISEUA 4480/5480 (962:151g)	The Ancient Near East	

Category B:

HISEUA 4420/5420 (962:126g)	History of Ireland	
HISEUB 4510/5510 (963:155g)	Europe from the French Revolution to World War I	
HISEUB 4520/5520 (963:160g)	Europe from World War I to the Present	
HISEUB 4610/5610 (963:165g)	English History since 1688	
HISEUB 4620/5620 (963:174g)	History of Modern France	
HISEUB 4630/5630 (963:172g)	History of Germany Since 1648	
HISEUB 4660/5660 (963:169g)	History of Imperial Russia	
HISEUB 4670/5670 (963:170g)	History of Soviet Russia	
HISEUB 4675/5675 (963:157g)	Great Power Diplomacy from the Congress of Vienna to the Present	
HISEUB 4680/5680 (963:154g)	Military History from Napoleon to the Present	
HISEUB 4690/5690 (963:161g)	Modern European Women's History	

Category C:

HISNW 4720/5720 (964:180g)	Modern Latin American History	
HISNW 4730/5730 (964:174g)	Pre-Modern African History	
HISNW 4740/5740 (964:175g)	Modern African History	
HISNW 4820/5820 (964:178g)	Modern Middle East History	
HISNW 4830/5830 (964:181g)	Pre-Modern South Asia	
HISNW 4840/5840 (964:182g)	Modern South Asia	
HISNW 4850/5850 (964:183g)	Pre-Modern Chinese History	
HISNW 4860/5860 (964:187g)	Modern Chinese History	
HISNW 4870/5870 (964:127g)	Pre-Modern Japan	
HISNW 4880/5880 (964:128g)	Modern Japan	

Plus 9 (or 12) hours in European, Asian, Latin American and/or African history from the following courses:		9-12
HIST 3010 (960:189)	Readings in History	
HIST 3000 (960:192)	Junior-Senior Seminar	
HISEUA 4310/5310 (962:101g)	History of Ancient Greece	
HISEUA 4320/5320 (962:103g)	History of Ancient Rome	
HISEUA 4330/5330 (962:123g)	History of Classical Civilization	

HISEUA 4340/5340 (962:152g)	Medieval Civilization	
HISEUA 4350/5350 (962:153g)	The Renaissance and Reformation	
HISEUA 4360/5360 (962:158g)	Age of Absolutism and the Enlightenment	
HISEUA 4420/5420 (962:126g)	History of Ireland	
HISEUA 4440/5440 (962:164g)	English History to 1688	
HISEUA 4460/5460 (962:171g)	History of Germany to 1648	
HISEUA 4480/5480 (962:151g)	The Ancient Near East	
HISEUB 4510/5510 (963:155g)	Europe from the French Revolution to World War I	
HISEUB 4520/5520 (963:160g)	Europe from World War I to the Present	
HISEUB 4610/5610 (963:165g)	English History since 1688	
HISEUB 4620/5620 (963:174g)	History of Modern France	
HISEUB 4630/5630 (963:172g)	History of Germany Since 1648	
HISEUB 4660/5660 (963:169g)	History of Imperial Russia	
HISEUB 4670/5670 (963:170g)	History of Soviet Russia	
HISEUB 4675/5675 (963:157g)	Great Power Diplomacy from the Congress of Vienna to the Present	
HISEUB 4680/5680 (963:154g)	Military History from Napoleon to the Present	
HISEUB 4690/5690 (963:161g)	Modern European Women's History	

Social Science Major-Teaching - Plan B - All Social Science *(Extended Program)*

The Social Science Teaching major Plan B-All Social Science requires a minimum of 126-129 total hours to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements, and the following specified major requirements to complete the minimum of 126-129 hours.

This major is intended for students who wish to teach in the State of Iowa in all areas of social sciences: American Government, American History, Economics, Geography, Psychology, Sociology, and World History. Area of study will count for one endorsement area. Because of the number of courses required for this major, it cannot be completed in eight semesters of normal work. It will require a longer time or additional work during summers.

Required

Social Science:		
SOC SCI 3190	Introduction to Teaching Social Studies	1
SOC SCI 4190 (900:190)	Methods of Teaching Social Studies	3

One area of study in the social sciences is required [*]	57-60
Total Hours	61-64

[*]   That one area requires a minimum of 15 hours. The rest of the major would complete the Iowa All-Social Studies Endorsement which is as follows: American Government (9 hours), American History (9 hours), World History (9 hours), Economics (6 hours), Geography (6 hours) Psychology (6 hours), Sociology (6)

Upon completing 100 credit hours of college course work the student must have permission from the Undergraduate Coordinator, Social Science Program, to continue the Social Science-Teaching major based on minimum GPA requirements for full admission to the Teacher Education Program. Students unable to meet minimum grade point requirements for full admission to the Teacher Education Program and student teaching must seek an alternative major.

American Government

Political Science

POL AMER 1014 (942:014)	Introduction to American Politics	3
Plus 6 (or 12) hours in American Government.		6-12

Eligible American Government courses:

POL AMER 2131 (942:131)	American State Politics	
POL AMER 2147	Law and the Courts	
POL AMER 3112 (942:112)	Campaigns and Elections	
POL AMER 3134 (942:134)	Legislative Politics	
POL AMER 3141 (942:141)	Constitutional Law	
POL AMER 3146 (942:146)	Law and Politics	
POL AMER 3150 (942:150)	Public Opinion and Voting Behavior	
POL AMER 3151 (942:151)	Modern Presidency	
POL AMER 3166 (942:166)	Political Parties and Interest Groups	
POL INTL 3127 (943:127)	United States Foreign Policy	

American History

HISUS 1110 (961:014)	United States History to 1877	3
HISUS 1120 (961:015)	United States History since 1877	3
Plus 3 (or 9) hours in American history from the following courses:		3-9
HIST 1010 (960:010)	Introduction to the Study of History	
HIST 3010 (960:189)	Readings in History	
HISUS 4110/5110 (961:136g)	American Colonial History	

HISUS 4130/5130 (961:137g)	The Early Republic, 1785-1850	
HISUS 4140/5140 (961:139g)	Civil War and Reconstruction	
HISUS 4150/5150 (961:147g)	Foundations of Modern America: The United States, 1877-1929	
HISUS 4160/5160 (961:131g)	U.S. History from 1929 to 1960	
HISUS 4180/5180 (961:116g)	Recent United States History	
HISUS 4200/5200 (961:130g)	History of Iowa	
HISUS 4210/5210 (961:141g)	The South in United States History	
HISUS 4220/5220 (961:140g)	History of the American West	
HISUS 4230/5230 (961:102g)	History of Technology in America	
HISUS 4240/5240 (961:144g)	History of American Thought	
HISUS 4245/5245 (961:122g)	African-American History	
HISUS 4250/5250 (961:145g)	Religion in America	
HISUS 4255/5255 (961:124g)	The City in United States History	
HISUS 4260/5260 (961:146g)	United States Women's History	
HISUS 4265/5265 (961:150g)	Society and Culture in the United States	
HISUS 4270/5270 (961:135g)	American Indian History	
HISUS 4275/5275 (961:142g)	United States Constitutional History	

Economics

ECON 1041 (920:053)	Principles of Macroeconomics [*]	3
ECON 1051 (920:054)	Principles of Microeconomics [*]	3
Plus 0 (or 9) hours in economics: [**]		0-9

[*]   **Both** ECON 1041 (920:053) **and** ECON 1051 (920:054) will substitute for *ECON 1031 (920:024)* which will satisfy Category 5B of the Liberal Arts Core.

[**]   Except ECON 1021 (920:020), ECON 1031 (920:024), ECON 1011 (920:070).

Geography

GEOG 1110 (970:040)	World Geography	3
or GEOG 1120 (970:010)	Human Geography	
GEOG 1210 (970:026)	Physical Geography	3
or GEOG 1310 (970:061)	Maps and Map Interpretation	
Plus 0 (or 9) hours from the following		0-9
GEOG 2210 (970:028)	Recent Climate Change	

GEOG 3110 (970:101)	Economic Geography	
GEOG 3120 (970:104)	North American Cities	
GEOG 3210 (970:137)	Natural Hazards and Disasters	
GEOG 3220 (970:100)	Environmental Geography	
GEOG 3230 (970:144)	Natural Regions of North America	
GEOG 4110/5110 (970:111g)	Cultural Geography	
GEOG 4120/5120 (970:119g)	Demography and Population Geography	
GEOG 4150/5150 (970:141g)	Regional Geography: (Variable Topic)	
GEOG 4160/5160 (970:151g)	Historical Geography: (Variable Topic)	
GEOG 4210/5210 (970:127g)	Climatology	
GEOG 4220/5220 (970:126g)	Soils and Landscapes	
GEOG 4230/5230 (970:129g)	Rivers	

Psychology

PSYCH 1001 (400:001)	Introduction to Psychology	3
PSYCH 3002 (400:101)	Research Methods	4
Plus 0 (or 8) hours from the following		0-8
PSYCH 2201 (400:060)	Psychology of Gender	
PSYCH 2202 (400:120)	Developmental Psychology	
PSYCH 2203 (400:160)	Social Psychology	
PSYCH 2401 (400:166)	Clinical Psychology	
PSYCH 2501 (400:050)	Behavior Modification	
PSYCH 3103/5103 (400:152g)	Sensation and Perception	
PSYCH 3303/5303 (400:154g)	Health Psychology	
PSYCH 3403/5403 (400:142g)	Abnormal Psychology	
PSYCH 3404/5404 (400:106g)	Psychology of Human Differences	
PSYCH 3502/5502 (400:134g)	Motivation and Emotion	
PSYCH 3503/5503 (400:150g)	Conditioning and Learning	
PSYCH 3504/5504 (400:151g)	Memory and Language	
PSYCH 3505/5505 (400:153g)	Cognitive Psychology	
PSYCH 4704/5704 (400:192g)	Practicum in Teaching Psychology	

Sociology

Sociology/Criminology

SOC 1000 (980:001)	Introduction to Sociology	3
Plus 3 (or 9) hours of sociology/criminology from the following courses:		3-9
SOC 1060 (980:060)	Social Problems	
SOC 2010 (980:108)	Research Methods	
SOC 2020 (980:080)	Statistics for Social Research	
SOC 2030 (980:105g)	Sociology of Families	
SOC 2040 (980:156g)	Social Movements	
SOC 2075 (980:100g)	Social Psychology	
SOC 3001 (980:177)	Language and Culture	
SOC 3035/5035 (980:125g)	Social Gerontology	
SOC 3037/5037 (980:045g)	Race, Ethnicity and Social Justice	
SOC 3045/5045 (980:135g)	Social Inequality	
SOC 3050/5050 (980:129g)	Men and Masculinities	
SOC 3060/5060 (980:138g)	Sociology of Culture	
SOC 3070/5070 (980:170g)	Sociological Theory	
SOC 3080/5080 (980:120g)	Immigration and Transnationalism	
SOC 3085/5085 (980:172g)	Sociology of Religion	
SOC 3090 (980:102)	Conflict Resolution	
SOC 3102/5102 (980:168g)	Culture, Disease, and Healing	
SOC 3411/5411 (980:167g)	Gender in Cross-Cultural Perspective	
SOC 4025/5025 (980:160g)	Quantitative Research	
SOC 4050 (980:101)	Sociology of Gender	
SOC 4071/5071 (980:171g)	Feminist Theories in the Social Sciences	
CRIM 4323/5323 (982:123g)	Social Deviance and Control	

World History

One course from Category A, one course from Category B, and one from Category C

Category A:

HISEUA 4310/5310 (962:101g)	History of Ancient Greece	
HISEUA 4320/5320 (962:103g)	History of Ancient Rome	
HISEUA 4330/5330 (962:123g)	History of Classical Civilization	
HISEUA 4340/5340 (962:152g)	Medieval Civilization	
HISEUA 4350/5350 (962:153g)	The Renaissance and Reformation	
HISEUA 4360/5360 (962:158g)	Age of Absolutism and the Enlightenment	
HISEUA 4440/5440 (962:164g)	English History to 1688	

HISEUA 4460/5460 (962:171g)	History of Germany to 1648
HISEUA 4480/5480 (962:151g)	The Ancient Near East
Category B:	
HISEUA 4420/5420 (962:126g)	History of Ireland
HISEUB 4510/5510 (963:155g)	Europe from the French Revolution to World War I
HISEUB 4520/5520 (963:160g)	Europe from World War I to the Present
HISEUB 4610/5610 (963:165g)	English History since 1688
HISEUB 4620/5620 (963:174g)	History of Modern France
HISEUB 4630/5630 (963:172g)	History of Germany Since 1648
HISEUB 4660/5660 (963:169g)	History of Imperial Russia
HISEUB 4670/5670 (963:170g)	History of Soviet Russia
HISEUB 4675/5675 (963:157g)	Great Power Diplomacy from the Congress of Vienna to the Present
HISEUB 4680/5680 (963:154g)	Military History from Napoleon to the Present
HISEUB 4690/5690 (963:161g)	Modern European Women's History
Category C	
HISNW 4720/5720 (964:180g)	Modern Latin American History
HISNW 4730/5730 (964:174g)	Pre-Modern African History
HISNW 4860/5860 (964:187g)	Modern Chinese History
HISNW 4740/5740 (964:175g)	Modern African History
HISNW 4820/5820 (964:178g)	Modern Middle East History
HISNW 4830/5830 (964:181g)	Pre-Modern South Asia
HISNW 4840/5840 (964:182g)	Modern South Asia
HISNW 4850/5850 (964:183g)	Pre-Modern Chinese History
HISNW 4870/5870 (964:127g)	Pre-Modern Japan
HISNW 4880/5880 (964:128g)	Modern Japan

Plus 0 (or 6) hours in European, Asian, Latin American and/or African history from the following courses:		3-9
HIST 3010 (960:189)	Readings in History	
HIST 3000 (960:192)	Junior-Senior Seminar	
HISEUA 4310/5310 (962:101g)	History of Ancient Greece	

HISEUA 4320/5320 (962:103g)	History of Ancient Rome
HISEUA 4330/5330 (962:123g)	History of Classical Civilization
HISEUA 4340/5340 (962:152g)	Medieval Civilization
HISEUA 4350/5350 (962:153g)	The Renaissance and Reformation
HISEUA 4360/5360 (962:158g)	Age of Absolutism and the Enlightenment
HISEUA 4420/5420 (962:126g)	History of Ireland
HISEUA 4440/5440 (962:164g)	English History to 1688
HISEUA 4460/5460 (962:171g)	History of Germany to 1648
HISEUA 4480/5480 (962:151g)	The Ancient Near East
HISEUB 4510/5510 (963:155g)	Europe from the French Revolution to World War I
HISEUB 4520/5520 (963:160g)	Europe from World War I to the Present
HISEUB 4610/5610 (963:165g)	English History since 1688
HISEUB 4620/5620 (963:174g)	History of Modern France
HISEUB 4630/5630 (963:172g)	History of Germany Since 1648
HISEUB 4660/5660 (963:169g)	History of Imperial Russia
HISEUB 4670/5670 (963:170g)	History of Soviet Russia
HISEUB 4675/5675 (963:157g)	Great Power Diplomacy from the Congress of Vienna to the Present
HISEUB 4680/5680 (963:154g)	Military History from Napoleon to the Present
HISEUB 4690/5690 (963:161g)	Modern European Women's History

Master of Arts Degree Program
Major in Social Science

The M.A. program in social science is designed for individuals who have current teacher licensure and wish to enhance their content and curriculum knowledge in social sciences.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Graduate Coordinator of Social Studies, College of Social and Behavioral Sciences, for any other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **non-thesis** option only and requires a **minimum of 30 semester hours** which includes a 3-hour teaching seminar and a 3-hour research paper and project conducted in the final semester. **A minimum of 12 semester hours of 200/6000-level course work is required.** Students will also take graduate level classes from the following content areas: American Government, American History, Economics, Geography, Psychology, Sociology, and World History. Students may not exceed 12 hours from any one content area.

Required

Social Studies Seminar from the College of Social and Behavioral Sciences, selected in consultation with Graduate Coordinator:	
SOC SCI 6289 (900:289) Seminar	3
Research from the College of Social and Behavioral Sciences, selected in consultation with Graduate Coordinator:	
SOC SCI 6299 (900:299) Research	3
Electives (may not exceed 12 hours from any one content area)	24
Total Hours	30

Department of Social Work

(College of Social and Behavioral Sciences)

www.uni.edu/csbs/socialwork

The Department of Social Work offers the following undergraduate and graduate programs and program certificates. Specific requirements for these programs are listed within this Department of Social Work section in the following order:

Undergraduate Major (B.A.)

• Social Work

Minor

• Social Welfare

Graduate Major (M.S.W.)

• Social Work

Program Certificates

• Child Welfare
• Conflict Resolution
• Social Work
• Substance Abuse Counseling

The Social Work Department at the University of Northern Iowa is accredited by the Council on Social Work Education. The undergraduate social work major prepares students for beginning level professional social work practice.

The mission of the Department of Social Work, in keeping with the broader mission of the University and the purposes of professional

social work education, is to prepare students for competent, effective, and ethical-beginning and advanced-professional practice and leadership; to conduct scholarship that advances knowledge; and to provide service to local, state, national, and international communities.

  Using multidimensional theory, knowledge and skills, students and faculty are committed to enhancing human potential and growth in diverse human systems. This commitment is supported by the promotion of multi-cultural sensitivity, human rights, and social and economic justice within a framework of social work values and ethics.

Bachelor of Arts Degree Program

Social Work Major

The Social Work major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required

School of Applied Human Sciences:		
FAM SERV 1055 (31F:055)	Human Growth and Development	3
or PSYCH 2202 (400:120)	Developmental Psychology	
Social Work:		41
SW 1001	Introduction to Social Work and Social Services	
SW 1041 (450:041)	Social Welfare: A World View	
SW 2091 (450:091)	Social Work Practice I	
SW 3184 (450:184)	Field Instruction [*]	
SW 3185 (450:185)	Social Work Research (Only research courses taken to fulfill a minor or double major requirement will be accepted as substitutions.)	
SW 3192 (450:192)	Social Work Practice II	
SW 4144 (450:144g)	Social Policies and Issues	
SW 4163 (450:163g)	Diversity and Difference	
SW 4164 (450:164g)	Human Behavior and the Social Environment	
SW 4193 (450:193g)	Therapeutic Communication	
or SW 4195 (450:195g)	Family and Group Practice	
SW 4196 (450:196g)	Community and Organizational Practice	
Select at least two of the following:		6
SW 4121 (450:121g)	Mental Deviance and Mental Health Institutions	
SW 4143 (450:143g)	Stress and Stress Management in the Helping Professions	
SW 4171/5171 (450:171g)	Addictions Treatment	
SW 4173/5173 (450:173g)	Social Services for Older Adults	
SW 4175/5175 (450:175g)	Child Welfare Policy and Practice	

SW 4193 (450:193g)	Therapeutic Communication **	
SW 4194/5194 (450:194g)	Seminar in Social Work ***	
SW 4195 (450:195g)	Family and Group Practice **	
Social Work:		
SW 2080 (450:080) or SOC 2020 (980:080)	Statistics for Social Work ^ Statistics for Social Research	3
Total Hours		53

*	SW 3184 (450:184) can also be taken for 4 additional credit hours on an elective basis.
**	SW 4193 (450:193g) and SW 4195 (450:195g) may be taken for elective credit if not taken to fulfill core course requirements.
***	SW 4194/5194 (450:194g) may be repeated on different topics.
^	SOC 2020 (980:080) may be substituted by PSYCH 3003 (400:102) or *STAT 1772 (800:072)*. *STAT 1772 (800:072)* may be used to satisfy Category 1C of the Liberal Arts.

A minimum cumulative grade point average for all college work of 2.40 and a 2.40 grade point average for all UNI courses taken is required for admission to the Social Work major. A minimum UNI grade point average of 2.40 is required for graduation as a Social Work major.

Prior to the initiation of the second Social Work Practice course, Social Work majors are required to complete a departmentally-approved, 30-contact-hour service experience in a social service agency.

In order to enroll in SW 3184 (450:184) , a student must be a Social Work major and the following must be present: senior standing (90 or more credit hours); completion of SW 2091 (450:091) and SW 3192 (450:192) with a minimum grade of C in each course; SW 1001 ; SW 4164 (450:164g) ; SW 3185 (450:185) ; statistics course; and a minimum UNI grade point average of 2.40.

Students who graduate with a major in Social Work receive a Bachelor of Arts degree with a Social Work Certificate.

Minor
Social Welfare Minor

Students complete two required courses and four elective courses offered by the Department of Social Work for a total of 18 hours.If a student chooses to major in Social Work, all the courses taken for the Minor in Social Welfare will apply to the major; however, students cannot receive both a Minor in Social Welfare and a major in Social Work at the same time.

While the Minor in Social Welfare does not prepare students to practice as social workers or to be licensed as social workers in the State of Iowa (LBSW), it will provide an understanding of social welfare and social service programs, and introduce students to the wide variety of Social Work positions in government agencies, nonprofit organizations, and the for profit sector. The minor will provide a basic understanding of the profession of Social Work and

prepare students for graduate studies in Social Work leading to a Master's of Social Work (MSW) degree.

Only students who graduate with a major in Social Work from a program accredited by the Council on Social Work Education (CSWE) will be considered for Advanced Standing in the MSW program.

Required Core Courses:

SW 1001	Introduction to Social Work and Social Services	3
SW 1041 (450:041)	Social Welfare: A World View	3
Electives (Select four courses from the following):		12
SW 2045 (450:045)	American Racial and Ethnic Minorities	
SW 3102 (450:102)	Conflict Resolution	
SW 4121 (450:121g)	Mental Deviance and Mental Health Institutions	
SW 4143 (450:143g)	Stress and Stress Management in the Helping Professions	
SW 4144 (450:144g)	Social Policies and Issues	
SW 4163 (450:163g)	Diversity and Difference	
SW 4164 (450:164g)	Human Behavior and the Social Environment	
SW 4171/5171 (450:171g)	Addictions Treatment	
SW 4173/5173 (450:173g)	Social Services for Older Adults	
SW 4175/5175 (450:175g)	Child Welfare Policy and Practice	
Total Hours		18

Master of Social Work Degree
Major in Social Work

The Master of Social Work program is accredited by the Council on Social Work Education.

The Master's Degree in Social Work (M.S.W.) is available only on the **non-thesis** option. The M.S.W. program is designed to prepare students for the advanced practice of social work in a variety of public and nonprofit settings. There are two avenues to the M.S.W. degree: the **Two Year program**, open to persons with baccalaureate degrees in other fields from an accredited college or university, and the **Advanced Standing program**, which is available only for qualified students who have graduated from a Council on Social Work Education (C.S.W.E.) accredited baccalaureate social work program.

All M.S.W. students complete a concentration in either **Trauma Informed Practice** or **Social Administration Practice**. The Trauma Informed Practice concentration is designed to prepare students for advanced social work practice with individuals, families, and groups using a trauma informed approach. The Social Administration concentration is designed to prepare students for advanced administrative practice including: leadership, program planning and development; organizational development and change; and how to seek effective funding for programs. The social administration concentration also incorporates a trauma informed approach.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

A minimum of 20 hours of 6000-level course work is required for the two-year and the advanced standing programs.

Any 5000 level social work course or any 6000 level MSW concentration course not required on the degree will apply as an elective to the student's Plan of Study.

The **Two Year program** requires a **minimum of 60 semester hours**, which consists of a generalist Foundation Core of 26 semester hours, an Advanced Core of 6 hours, followed by the completion of one of the two concentrations (28 semester hours) and field practicum/seminar. The program is offered in cohort groups and consists of five consecutive terms of course work and field practicum/seminar An Extended-Enrollment option is available to students in the Two Year program who can attend classes at times offered (three-hour blocks) and participate in the field practicum at agencies that generally operate during regular business hours.

The **Advanced Standing program** requires a **minimum of 37 semester hours**. The program consists of a summer Advanced Core of 9 hours, preceding two academic terms of concentration courses and field practicum/seminar. An Extended Enrollment option is available to Advanced Standing students who can attend classes at times offered (three-hour blocks) and participate in the field practicum at agencies that generally operate during regular business hours.

Students interested in the two-year or advanced standing program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Social Work for any other application requirements. General graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is not** required for admission to the program; however, applicants may wish to submit GRE scores in support of their application.

Admission to the M.S.W. is competitive. Applicants must comply with all of the policies and procedures pertaining to admission to graduate study as set forth in this University Catalog. *In addition,* applicants are required to submit the following in order to be considered for admission.

1. The Department of Social Work M.S.W. application.
2. Three letters of reference, using the official M.S.W. departmental reference forms.
3. An experience narrative.
4. A personal statement.
5. A resume'.
6. As part of normal admission to graduate study at UNI, official transcripts for **all post-secondary institutions** attended (with the exception of the University of Northern Iowa), must be sent directly from the college or university attended to the Office of Admissions at the University of Northern Iowa.

For information concerning admission or required courses for the M.S.W., contact the Department of Social Work, M.S.W. Program, 235 Sabin, Cedar Falls, IA 50614-0405, or phone 319-273-5910, or visit *www.uni.edu/csbs/socialwork/msw-graduate-degree*.

Required for Two Year Program:

Social Work foundation core: (for all two year students)

SW 6212 (450:212)	Human Behavior and the Social Environment Micro	3
SW 6214 (450:214)	Social Work Practice I	3
SW 6215 (450:215)	Social Work Practice II	3
SW 6216 (450:216)	Social Work Practice with Organizations and Communities	3
SW 6218 (450:218)	Introduction to Social Work Research	3
SW 6230 (450:230)	Injustice and Oppression	3
Social Work practicum and seminar:		
SW 6220	Foundation Practicum	6
SW 6221	Foundation Practicum Seminar	2
Or students may substitute the following for SW 6220 and SW 6221:		
SW 6222	Foundation Practicum I	
SW 6223	Foundation Practicum Seminar I	
SW 6224	Foundation Practicum II	
SW 6225	Foundation Practicum Seminar II	
Social Work Advanced Core: (for all two-year students)		
SW 6234	Primary and Secondary Trauma	3
SW 6235	Systems Redesign and Community Collaboration	3
Concentration: (select Trauma Informed Practice or Social Administration)		28
Total Hours		60

Required for Advanced Standing Program:

Social Work advanced core: (for all advanced standing students)

SW 6234	Primary and Secondary Trauma	3
SW 6235	Systems Redesign and Community Collaboration	3
SW 6218 (450:218)	Introduction to Social Work Research	3
Concentration: (select Trauma Informed Practice or Social Administration)		28
Total Hours		37

Trauma Informed Practice Concentration:

Social Work:

SW 6246	Trauma Informed Practice I	3
SW 6247	Trauma Informed Practice II	3

SW 6244 (450:244)	Advanced Social Work Practice with Families	3
SW 6263 (450:263)	Grant Writing, Fund Raising, Contracting, and Marketing	3
SW 6265	Advanced Social Work Research	3
SW 6268	Trauma Informed Practice Practicum I	4
SW 6269	Trauma Informed Practice Practicum I Seminar	1
SW 6270	Trauma Informed Practice Practicum II	4
SW 6271	Trauma Informed Practice Practicum II Seminar	1

Or students may substitute the following for SW 6268, SW 6269, SW 6270, and SW 6271:

SW 6266	Trauma Informed Practice Practicum	
SW 6267	Trauma Informed Practice Practicum Seminar	

*Electives to be selected in consultation with program advisor		3
Total Hours		28

Social Administration Concentration:

SW 6213 (450:213)	Human Behavior and the Social Environment Macro	3
SW 6262 (450:262)	Administrative Social Work Practice	3
SW 6263 (450:263)	Grant Writing, Fund Raising, Contracting, and Marketing	3
SW 6265	Advanced Social Work Research	3
SW 6276	Advanced Social Administration Practicum II	4
SW 6274	Advanced Social Administration Practicum I	4
SW 6275	Advanced Social Administration Practicum I Seminar	1
SW 6277	Advanced Social Administration Practicum II Seminar	1
SW 6278	Social Intervention: Policies and Services	3

Or students may substitute the following for SW 6274, SW 6275, SW 6276, and SW 6277:

SW 6272	Advanced Social Administration Practicum	
SW 6273	Advanced Social Administration Practicum Seminar	

*Electives to be selected in consultation with program advisor		3
Total Hours		28

* **Any 5000-level social work course or any 6000-level MSW concentration course not required on the degree will apply as an elective to the student's Plan of Study.**

Program Certificates

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following program certificates, contact the Department of Social Work or the Office of the Registrar, which serves as the centralized registry.

Child Welfare Certificate

Must be a major in Social Work to complete this program certificate.

Required:

SW 4175/5175 (450:175g)	Child Welfare Policy and Practice	3
POL AMER 4142/5142 (942:142g)	Problems in Juvenile and Family Law	3
SW 3184 (450:184)	Field Instruction [*]	11-15
Select one of the following:		3
SW 3102 (450:102)	Conflict Resolution	
SW 4171/5171 (450:171g)	Addictions Treatment	
SW 4195 (450:195g)	Family and Group Practice	
Select one of the following:		3
PSYCH 3403/5403 (400:142g)	Abnormal Psychology	
PSYCH 3603/5603 (400:125g)	Child and Adolescent Psychopathology	
SW 4193 (450:193g)	Therapeutic Communication	
Total Hours		23-27

Students will do their field placement (11-15 hours) at a site approved by the Director of Field Instruction.

*Prerequisites for SW 3184: SW 1001; SW 4164 (450:164g); SW 3185 (450:185) and a statistics course; completion of SW 2091 (450:091) and SW 3192 (450:192) with a minimum grade of C in each course; Social Work major; minimum UNI GPA of 2.40; senior standing.

Conflict Resolution Certificate

Conflict can be viewed on both the macro and micro system levels. It can be interpersonal, as in the area of individual or family dynamics, or organizational, as in labor, racial/ethnic, or international relations. The Certificate in Conflict Resolution focuses on understanding the roots of conflict, as well as its management or resolution. This certificate is designed for students working toward a baccalaureate degree, and whose anticipated careers may provide opportunities for conflict resolution. Examples of related majors include social

work, sociology, criminology, communication studies, education, environmental science, management, public administration, public policy, and political science.

The objectives of the Conflict Resolution program are to:

- provide students with a grounding in conflict theory and approaches to conflict resolution;
- provide students with beginning skills in conflict resolution and management;
- provide opportunities to integrate conflict resolution knowledge and skills in a variety of academic areas.

Program of Study, 15 hours total (five 3-hour classes)

Required

Social Work/Sociology/Anthropology:		
SW 3102/SOC 3090 (980:102)/ANTH 3470 (990:102)	Conflict Resolution	3
or COMM 4333/5333 (48C:148g)	Communication and Conflict Management	
Electives: select four courses from the lists below: [*]		12

Micro Systems track courses

Teaching:		
TEACHING 4170/5170 (280:170g)	Human Relations: Awareness and Application	
School of Applied Human Sciences:		
FAM SERV 1010 (31F:010)	Human Identity and Relationships	
FAM SERV 1020 (31F:020)	Family Relationships	
FAM SERV 3145/5145 (31F:145g)	Violence in Intimate Relationships	
FAM SERV 4153/5153 (31F:153g)	Family Relationships in Crisis	
Psychology:		
PSYCH 2201 (400:060)	Psychology of Gender [**]	
PSYCH 2203 (400:160)	Social Psychology [**]	
PSYCH 3404/5404 (400:106g)	Psychology of Human Differences [**]	
Social Work:		
SW 4143 (450:143g)	Stress and Stress Management in the Helping Professions	
Communication Studies:		
COMM 4316/5316 (48C:136g)	Mediation Theory and Process [**]	
COMM 4344/5344 (48C:151g)	Intercultural Communication	
COMM 4346/5346 (48C:153g)	Gender Issues in Communication	
COMM 4355/5355 (48C:141g)	Listening	
COMM 4447/5447 (48C:108g)	Performance and Social Change	

Macro Systems track courses

Social Work/Social Science:		
SW/SOC SCI 1041	Social Welfare: A World View	
SW 4163 (450:163g)	Diversity and Difference [**]	
Social Science:		
SOC SCI 1020 (900:020)	Women, Men, and Society	
Political Science:		
POL INTL 3120 (943:120)	International Security	
POL INTL 4125/5125 (943:125g)	North-South Relations	
POL INTL 3126 (943:126)	Human Rights	
POL COMP 3123 (944:123)	Nationalism	
History:		
HISEUB 4675/5675 (963:157g)	Great Power Diplomacy from the Congress of Vienna to the Present	
Geography:		
GEOG 3220 (970:100)	Environmental Geography	
Sociology:		
SOC 2040 (980:156g)	Social Movements [**]	
SOC 2075 (980:100g)	Social Psychology [**]	
SOC 3045/5045 (980:135g)	Social Inequality [**]	
SOC/ANTH 3080	Immigration and Transnationalism [**]	
Total Hours		15

[*] Courses are listed under separate tracks to guide your preference of micro or macro preparation. At least one course must be selected from each track. A minimum grade of C is required for each course.

[**] These courses have additional prerequisites as follows: PSYCH 2201 (400:060), PSYCH 3404/5404 (400:106g), and PSYCH 2203 (400:160), have prerequisite of PSYCH 1001 (400:001). Course PSYCH 1001 (400:001) may be used to satisfy Category 5B of the Liberal Arts Core.
SW 4163 (450:163g), SOC 2040 (980:156g), SOC 2075 (980:100g), SOC 3045/5045 (980:135g), AND SOC 3080/5080 (980:120g) have prerequisite of *SOC 1000 (980:001)*. *SOC 1000 (980:001)* may be used to satisfy Category 5A of the Liberal Arts Core.
COMM 4316/5316 (48C:136g) has prerequisite of COMM 2344 (48C:004).

Choice of courses and subsequent course prerequisites *may* increase the length of this program. A minimum grade of C is required in all courses taken for the certificate.

Social Work Certificate

Students who graduate with a major in Social Work from UNI receive a Bachelor of Arts degree with a Social Work Certificate. For information on this major see Social Work major within this Department of Social Work section.

Substance Abuse Counseling Certificate

This UNI certificate program is designed to prepare Social Work majors for the field of substance abuse treatment. To receive a UNI certificate, a student must complete the requirements for the Social Work major (including graduation with the B.A.) and the specific course work and field instruction experiences as indicated.

Required

Social Work:		
SW 4171/5171 (450:171g)	Addictions Treatment	3
Electives: select three of the following		9
Psychology:		
PSYCH 3102/5102 (400:170g)	Drugs and Individual Behavior	
Social Work:		
SW 4121 (450:121g)	Mental Deviance and Mental Health Institutions	
SW 4143 (450:143g)	Stress and Stress Management in the Helping Professions	
SW 4175/5175 (450:175g)	Child Welfare Policy and Practice	
Total Hours		12

Field Instruction: Students will spend a total of 440 service hours in an inpatient or outpatient treatment program. To secure a field placement site the student may need to travel out of town. Experience with individuals, families, and groups will be required.

Department of Sociology, Anthropology, and Criminology

(College of Social and Behavioral Sciences)

www.uni.edu/sac

The Department of Sociology, Anthropology, and Criminology offers the following undergraduate and graduate programs and program certificates. Specific requirements for these programs are listed within this Department of Sociology, Anthropology, and Criminology section in the following order:

Undergraduate Majors (B.A.)

- Anthropology
- Criminology
- Sociology

Undergraduate Major (B.A.S.)

- Criminal Justice
- Tactical Emergency Services with Vulnerable Populations (also listed under interdisciplinary section)

Minors

- Anthropology
- Criminology
- Sociology

Program Certificates

- Sociology of Inequality
- Sociology of Family and Life Course
- Sociology of Gender and Culture
- Sociology of Race/Ethnicity and Immigration
- Crime Mapping and Analysis (also listed in Department of Geography)

Bachelor of Arts Degree Programs
Anthropology Major

The Anthropology major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required

ANTH 1001 (990:010)	Human Origins	3
ANTH 1002 (990:011)	Culture, Nature, and Society	3
ANTH 3001 (990:177)	Language and Culture	3
ANTH 4001/5001 (990:176g)	Anthropological Theory	3
Required Electives in Major		
1. Statistics (select one from the following):		3
SOC 2020 (980:080)	Statistics for Social Research	
STAT 1772 (800:072)	Introduction to Statistical Methods	
2. Cultural Anthropology (select one from the following):		3
ANTH 3101/5101 (990:164g)	Psychological Anthropology	
ANTH 3102/5102 (990:168g)	Culture, Disease, and Healing	
ANTH 3103 (990:161)	Religion, Magic, and Witchcraft	
ANTH 3104/5104 (990:167g)	Gender in Cross-Cultural Perspective	
3. Physical Anthropology (select one from the following):		3
ANTH 3201 (990:151)	Physical Anthropology: History and Theory	
ANTH 3202/5202 (990:152g)	Human Biological Variation	
4. Pre-History (select one from the following):		3
ANTH 3302 (990:142)	Archaeology of the New World	
ANTH 3303 (990:143)	Archaeology of the Old World	
5. Methods and Research (select one from the following):		3
ANTH 3420 (990:155)	Forensic Anthropology	

ANTH 3431/5431 (990:171g)	Interpreting the Archaeological Record	
ANTH 3440/5440 (990:125g)	Introduction to Museum Studies	
ANTH 3450 (990:172)	Archaeological Fieldwork	
ANTH 4015/5015 (990:178g)	Qualitative Research	
ANTH 4485	Anthropology Internship	
Electives in Anthropology		6
Electives in Sociology		3
Total Hours		36

Criminology Major

The Criminology major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

In order to graduate with a major in Criminology, students must take at least 12 credit hours of criminology courses at UNI.

Required

Sociology and Criminology:		
SOC 1000 (980:001)	Introduction to Sociology	3
SOC 2010 (980:108)	Research Methods	3
SOC 2020 (980:080)	Statistics for Social Research	3
or PSYCH 3003 (400:102)	Psychological Statistics	
or STAT 1772 (800:072)	Introduction to Statistical Methods	
CRIM 2022 (982:022)	Criminal Justice System	3
CRIM 2025 (982:025)	Criminology	3
CRIM 4575 (982:175)	Senior Seminar in Criminology	3

Group 1 - Crime and Criminals

Select from the following:		9-12
Criminology:		
CRIM 2112 (982:112)	White Collar Crime	
CRIM 2127 (982:127)	Juvenile Delinquency	
CRIM 2152 (982:152)	Crime and Community	
CRIM 3151 (982:151)	Crime and Social Inequality	
CRIM 3319/5319 (982:119g)	Victimology	
CRIM 4122/5122 (982:122g)	Youth Gangs	
CRIM 4137/5137 (982:137g)	Homicide	
CRIM 4323/5323 (982:123g)	Social Deviance and Control	
CRIM 4331/5331 (982:131g)	Women, Crime and Society	
CRIM 4369/5369 (982:169g)	Drugs, Crime, and Society	
CRIM 4381/5381 (982:181g)	Topics in Criminology (as designated)	

Group 2 - Policy, Law and Justice

Select from the following:		6-9

Criminology:		
CRIM 2134	Crime Analysis	
CRIM 2217 (982:117)	Community Corrections	
CRIM 2232 (982:132)	Juvenile Justice	
CRIM 3225	Criminal Court System	
CRIM 3226/5226 (982:126g)	Crime and Punishment	
CRIM 3314	Ethics in Crime, Law and Justice	
CRIM 4216/5216 (982:116g)	Correctional Treatment: Theory and Practice	
CRIM 4224/5224 (982:124g)	Police and Society	
CRIM 4228/5228 (982:128g)	Law and Society	
CRIM 4253/5253 (982:153g)	Crime and Public Policy	
CRIM 4371	Topics in Criminal Justice	

Group 3 - Interdisciplinary and Applied Studies in Criminology

Select from the following:		3-6
Criminology:		
CRIM 3130	Readings in Criminology	
Psychology:		
PSYCH 3102/5102 (400:170g)	Drugs and Individual Behavior	
PSYCH 3403/5403 (400:142g)	Abnormal Psychology	
Political Science:		
POL AMER 1048 (942:048)	Introduction to Public Administration	
POL AMER 2147	Law and the Courts	
POL AMER 3144 (942:144)	Civil Rights and Liberties	
POL AMER 4142/5142 (942:142g)	Problems in Juvenile and Family Law	
POL COMP 3121 (944:121)	Terrorism and Insurgency	
Sociology:		
SOC 1060 (980:060)	Social Problems	
SOC 3037/5037 (980:045g)	Race, Ethnicity and Social Justice	
SOC 3080/5080 (980:120g)	Immigration and Transnationalism	
Criminology:		
CRIM 3179 (982:179)	Cooperative Education	
CRIM 4198 (982:198)	Independent Study	
CRIM 4485 (982:185)	Criminology Internship	
Anthropology:		
ANTH 3420 (990:155)	Forensic Anthropology	
Total hours		39

*   PSYCH 3003 (400:102) is a 4-hour course. PSYCH 3003 (400:102) has the following prerequisites: PSYCH 1001 (400:001); PSYCH 3002 (400:101); one college-level mathematics course or consent of instructor.

Note: Students majoring in criminology should take CRIM 2022 (982:022) and CRIM 2025 (982:025) before taking any 100-level courses within the major (see course descriptions for 4-digit numbers associated with these 100-level courses).

Graduation note: In order to graduate with a major in criminology, students must achieve a total major GPA of at least 2.33.

Criminology Major Criminal Justice Emphasis

Required

Sociology and criminology		
SOC 1000 (980:001)	Introduction to Sociology	3
SOC 2010 (980:108)	Research Methods	3
SOC 2020 (980:080)	Statistics for Social Research	3
or PSYCH 3003 (400:102)	Psychological Statistics	
or STAT 1772 (800:072)	Introduction to Statistical Methods	
CRIM 2022 (982:022)	Criminal Justice System	3
CRIM 2025 (982:025)	Criminology	3
CRIM 4575 (982:175)	Senior Seminar in Criminology	3

Electives chosen from each group below (minimum number of hours specified in each group plus 3 more hours from any group)	30

Group 1 Crime and Criminals

Select 6-9 hours from the following

Criminology	
CRIM 2112 (982:112)	White Collar Crime
CRIM 2127 (982:127)	Juvenile Delinquency
CRIM 2152 (982:152)	Crime and Community
CRIM 3151 (982:151)	Crime and Social Inequality
CRIM 3319/5319 (982:119g)	Victimology
CRIM 4122/5122 (982:122g)	Youth Gangs
CRIM 4137/5137 (982:137g)	Homicide
CRIM 4323/5323 (982:123g)	Social Deviance and Control
CRIM 4331/5331 (982:131g)	Women, Crime and Society
CRIM 4369/5369 (982:169g)	Drugs, Crime, and Society
CRIM 4381/5381 (982:181g)	Topics in Criminology

Group 2 Law, Policy, & Justice

Select 9-12 hours from the following

Criminology:	
CRIM 2134	Crime Analysis
CRIM 2217 (982:117)	Community Corrections
CRIM 2232 (982:132)	Juvenile Justice
CRIM 3225	Criminal Court System
CRIM 3226/5226 (982:126g)	Crime and Punishment
CRIM 3314	Ethics in Crime, Law and Justice
CRIM 4216/5216 (982:116g)	Correctional Treatment: Theory and Practice
CRIM 4224/5224 (982:124g)	Police and Society
CRIM 4228/5228 (982:128g)	Law and Society
CRIM 4253/5253 (982:153g)	Crime and Public Policy
CRIM 4371	Topics in Criminal Justice

Group 3 Interdisciplinary and Individual Studies

Select 3 hours from the following

Anthropology	
ANTH 3420 (990:155)	Forensic Anthropology

Criminology	
CRIM 3130	Readings in Criminology
CRIM 3179 (982:179)	Cooperative Education
CRIM 4198 (982:198)	Independent Study
CRIM 4485 (982:185)	Criminology Internship

American Politics	
POL AMER 1048 (942:048)	Introduction to Public Administration
POL AMER 2147	Law and the Courts
POL AMER 3144 (942:144)	Civil Rights and Liberties
POL AMER 4142/5142 (942:142g)	Problems in Juvenile and Family Law

Comparative Politics	
POL COMP 3121 (944:121)	Terrorism and Insurgency

Psychology	
PSYCH 3102/5102 (400:170g)	Drugs and Individual Behavior
PSYCH 3403/5403 (400:142g)	Abnormal Psychology

Sociology	
SOC 1060 (980:060)	Social Problems
SOC 3037/5037 (980:045g)	Race, Ethnicity and Social Justice
SOC 3080/5080 (980:120g)	Immigration and Transnationalism

Group 4 Applied Criminal Justice

Select nine (9) hours from the following:

CRIM 2500	Criminal Law and Procedure
CRIM 2502	Report Writing in Criminal Justice
CRIM 2504	Criminal Investigation
CRIM 2506	Criminalistics

CRIM 4391	Topics in Applied Criminal Justice	

Total Hours 48

Sociology Major

The Sociology major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

I. Required courses:

SOC 1000 (980:001)	Introduction to Sociology	3
SOC 2000	The Sociological Career	3
SOC 2010 (980:108)	Research Methods	3
SOC 3070/5070 (980:170g)	Sociological Theory	3
Select one of the following:		3
SOC 2020 (980:080)	Statistics for Social Research	
PSYCH 3003 (400:102)	Psychological Statistics	

II. Electives (no more than 6 hours may be 1000- or 2000-level) — 15

SOC 1060 (980:060)	Social Problems	
SOC 2030 (980:105g)	Sociology of Families	
SOC 2040 (980:156g)	Social Movements	
SOC 2075 (980:100g)	Social Psychology	
SOC/ANTH 3001	Language and Culture	
SOC 3035/5035 (980:125g)	Social Gerontology	
SOC 3037/5037 (980:045g)	Race, Ethnicity and Social Justice	
SOC 3045/5045 (980:135g)	Social Inequality	
SOC 3050/5050 (980:129g)	Men and Masculinities	
SOC 3060/5060 (980:138g)	Sociology of Culture	
SOC/ANTH 3080	Immigration and Transnationalism	
SOC 3085/5085 (980:172g)	Sociology of Religion	
SOC 3090/ANTH 3470 (990:102)	Conflict Resolution	
SOC 3100/5100 (980:184g)	Theory and Practice in Applied Settings	
SOC/ANTH 3102	Culture, Disease, and Healing	
SOC 3120/5120 (980:145g)	Research Experience in Sociology	
SOC 3130/5130 (980:189g)	Readings in Sociology	
SOC/CAP 3151	Money, Sex and Power: Theories of Race, Class and Gender	
SOC 3170/5170 (980:180g)	Seminar in Sociology	

SOC 3175/5175	Society and Nature: Introduction to Environmental Sociology	
SOC 3179 (980:179)	Cooperative Education	
SOC 3411/ ANTH 3104/5104 (990:167g)	Gender in Cross-Cultural Perspective	
SOC 4050 (980:101)	Sociology of Gender	
SOC 4071/5071 (980:171g)	Feminist Theories in the Social Sciences	
CRIM 3151 (982:151)	Crime and Social Inequality	
CRIM 4331/5331 (982:131g)	Women, Crime and Society	
SOC 4198 (980:198)	Independent Study	

III. Professional Development elective: — 3

SOC 4015/5015 (980:178g)	Qualitative Research	
SOC 4025/5025 (980:160g)	Quantitative Research	
SOC 4485	Sociology Internship	
SOC 4035/5035	Program and Policy Evaluation	

Total Hours 33

Bachelor of Applied Science Degree Program

The purpose of the Bachelor of Applied Science (B.A.S.) degree is to offer educational opportunities to those students who have completed an A.A.S degree and are now seeking to complete a four-year degree.
  These students are often place-bound and need to take online classes while remaining a full-time employee.

Admission to the Program

Each student entering the program must have earned:

1. an Associate of Applied Science (A.A.S.) degree from an accredited institution; and

2. a minimum 2.00 grade point average.

Total Credit Requirements

A total of at least 120 semester hours of credit, including applicable transferable credit earned, is required for graduation. The total must fulfill the following specifications:

1. 23-24 hours of Liberal Arts Core classes, as outlined below (of which 9 hours can be transferred in as LAC 1A, 1B, and 1C);

2. 6 hours of Professional Communication, as outlined below;

3. 21-30 hours of Major coursework, from one of the majors listed below;

4. 0-19 hours of elective credit, for a total of 60 semester hours of credit taken at the University of Northern Iowa.

Liberal Arts Core Requirements for B.A.S. Degree*:

Students must meet the following undergraduate Liberal Arts Core requirements as specified below.

Summary:

1. Category 1: Core Competencies in Categories 1A (writing), 1B (speaking), and 1C (math) or transfer equivalencies*	9
*BAS students are permitted to transfer in courses equivalent to Categories 1A, 1B, & 1C. No other classes can be applied to fulfill the LAC portion of the BAS degree.	
2. Category 2: Civilizations & Cultures (1 course from Category 2A or 2B)	3
3. Category 3: Fine Arts, Literature, Philosophy & Religion (1 course from Category 3A or 3B)	3
4. Category 4: Natural Science & Technology (1 course from Category 4A or 4B)	3
5. Category 5: Social Science (1 course from Category 5A, 5B, or 5C)	3
6. Category 6: Capstone Experience (1 course)(2-3hours or 1 additional course from BAS LAC Category 2, 3, 4, or 5)	2-3
Total Hours	23-24

Professional Communication Required Courses for B.A.S. Degree

Required:

COMM 3155 (48C:173)	Business and Professional Oral Communication	3
ENGLISH 3186 Studies in Technical Communication		3
Total Hours		6

Criminal Justice Major

Courses required to have taken before enrolling in B.A.S Program, or take simultaneously with other courses in the B.A.S. Program.

SOC 1000 (980:001) Introduction to Sociology or SOC 1060 (980:060) Social Problems or culture/diversity related class approved by BAS Criminal Justice Major Advisor.

CRIM 2022 (982:022) Criminal Justice System

CRIM 2025 (982:025) Criminology

Required:

CRIM 2021	Applied Methods and Data Analysis in Criminal Justice	3
CRIM 2152 (982:152)	Crime and Community	3
CRIM 2220	Communication Ethics for Criminal Justice Professionals	3
CRIM 3151 (982:151)	Crime and Social Inequality	3
CRIM 3319/5319 (982:119g)	Victimology	3
CRIM 4371	Topics in Criminal Justice	3

CRIM 4575 (982:175)	Senior Seminar in Criminology	3
Total Hours		21

Suggested Sequence

Term 1		
CRIM 2152 (982:152)	Crime and Community	3
LAC/Elective		3
Term 2		
CRIM 3151 (982:151)	Crime and Social Inequality	3
LAC/Elective		3
Term 3		
LAC/Elective		3
LAC/Elective		3
Term 4		
CRIM 3319/5319 (982:119g)	Victimology	3
LAC/Elective		3
Term 5		
CRIM 4371	Topics in Criminal Justice	3
LAC/Elective		3
Term 6		
LAC/Elective		3
LAC/Elective		3
Term 7		
CRIM 2021	Applied Methods and Data Analysis in Criminal Justice	3
LAC/Elective		3
Term 8		
LAC/Elective		3
CRIM 2220 Communications Ethics for Criminal Justice Professionals		3
Term 9		
LAC/Elective		3
LAC/Elective		3
Term 10		
CRIM 4575 (982:175)	Senior Seminar in Criminology	3
LAC/Elective		3

Tactical Emergency Services with Vulnerable Populations Major

The Bachelor of Applied Sciences degree in Tactical Emergency Services with Vulnerable Populations is an interdisciplinary program offered jointly by the College of Social and Behavioral Sciences, College of Humanities, Arts and Sciences, and College of Education. This program is administered through the College of Social and Behavioral Sciences under the jurisdiction and general supervision of the College Dean, with a designated program director.

The Bachelor of Applied Sciences degree in Tactical Emergency Services with Vulnerable Populations is designed for practitioners of tactical emergency services who are interested in earning a Bachelor of Applied Sciences with specialization in diverse and vulnerable populations in their technical fields. Admission to the major is limited to students with an AAS degree in one or more of the

following tactical operator fields: Fire Sciences, Emergency Medical Services, Emergency Management, Law Enforcement, Homeland Security, Military Sciences, and related degrees. Two or more years of professional experience in one of these fields is preferred but **NOT** required.

This major requires 30 credit hours, which includes 19 hours of required core courses; 8 hours of major electives; and 3 credit hours of a final field practicum with a culminating project serving vulnerable populations. As the B.A.S. degree requires the completion of 60 credit hours, students can use the remaining hours to complete any outstanding LAC requirements that did not transfer, and any other university or major electives.

All UNI courses will be provided via distance education and/or online, in order to target place-bound working adults around the state and nation. Students can be full-time or part-time. Part-time students will take at least 2 courses per semester online. The CSBS advisor for this interdisciplinary degree will assist students in proceeding through the degree successfully online through distance learning.

In order to graduate, students must have completed 60 credit hours, as well as a field-based practicum and culminating project and paper with vulnerable populations as part of their required courses, and an exit GPA of at least 2.0. Additional exit requirements also include successful completion of the following certificate trainings which are offered through multiple national organizations such as the Red Cross, American Heart Association, and the Federal Emergency Management Agency:

First Aid

Blood-borne Pathogens

Hazardous Materials

CPR (Basic)

FEMA Incident Command System Trainings: 100, 200, 300, 400, 700 and 800

Required Major Courses:

Communication Studies:		
COMM 3000/5000 (48C:166g)	Selected Topics in Communication	3
COMM 4344/5344 (48C:151g)	Intercultural Communication	3
Earth Sciences:		
EARTHSCI 1200 (870:021)	Elements of Weather	3
Health, Physical Education and Leisure Services		4
HPE 4247/5247 (410:147g)	Minority Health	
HPE 4167/5167 (410:167g)	Cultural Competency for the Helping Professions	
HPE 4438/5438 (410:138g)	International Health	
Sociology, Anthropology and Criminology:		
ANTH 4010/5010	Climate Change, Human Migration and Conflict	3
Psychology:		3
PSYCH 2201 (400:060)	Psychology of Gender [*]	

PSYCH 2203 (400:160)	Social Psychology [*]	
Major Electives:		8
SOC 3080/5080 (980:120g)	Immigration and Transnationalism [**]	
SOC 3170/5170 (980:180g)	Seminar in Sociology [***]	
HPE 4665/5665 (410:165g)	Environmental Health Science	
HPE 4666/5666 (410:166g)	Environmental and Occupational Health Regulations	
ANTH 1002 (990:011)	Culture, Nature, and Society	
PSYCH 2302 (400:070)	Psychology and Law	
PSYCH 3303/5303 (400:154g)	Health Psychology	
SW 4186 Studies in: Social Work with Persons with Disabilities		
PSYCH 3304/5304 (400:158g)	Organizational Psychology	
FAM SERV 1140	Culture and Marriage	
WGS 1040 (680:040)	Women's and Gender Studies: Introduction	
HPE 1101 (410:005)	Introduction to Community Health	
Area Studies courses can also be counted towards electives.		
Additional courses may be substituted in as major electives, upon approval of the program director.		
Required Field Practicum and Culminating Project for the Major		3
(Select one of the following courses, taken during the last semester)		
HPE 4768 (410:168)	Field Experience in Health Promotion	
HPE 4161/5161 (410:161g)	Global Service Mission	
CRIM 4485 (982:185)	Criminology Internship	
Total Hours		30

[*] PSYCH 2201 (400:060) and PSYCH 2203 (400:160) have prerequisite of PSYCH 1001 (400:001).
[**] SOC 3080/5080 (980:120g) has prerequisite of SOC 1000 (980:001) or ANTH 1002 (990:011).
[***] SOC 3170/5170 (980:180g) has prerequisite of 2 hours in sociology including SOC 2010 (980:108) or consent of instructor.

Minors
Anthropology Minor
Required

Anthropology:		
ANTH 1001 (990:010)	Human Origins	3
ANTH 1002 (990:011)	Culture, Nature, and Society	3
ANTH 4001/5001 (990:176g)	Anthropological Theory	3

Electives in anthropology		9
Total Hours		18

Criminology Minor

Required:

Sociology:		
SOC 1000 (980:001)	Introduction to Sociology	3
Criminology:		
CRIM 2022 (982:022)	Criminal Justice System	3
CRIM 2025 (982:025)	Criminology	3
Electives:		
Nine hours of courses with CRIM prefix		9
Total Hours		18

Sociology Minor

Required

Sociology:		
SOC 1000 (980:001)	Introduction to Sociology	3
SOC 2010 (980:108)	Research Methods	3
Electives in sociology (SOC prefix)		15
Total Hours		21

Notes:

Students are advised to take Introduction to Sociology and Research Methods before taking any other sociology courses.

Not more than 9 semester hours of credit from SOC 3120/5120 (980:145g) , SOC 3100/5100 (980:184g) , SOC 3130/5130 (980:189g) , and SOC 4198 (980:198) may be applied toward the minor, except with the approval of your advisor and department head.

Program Certificates

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following program certificates, contact the Department of Sociology, Anthropology, and Criminology or the Office of the Registrar, which serves as the centralized registry.

Certificate in Sociology of Inequality

Required

Sociology:		
SOC 1000 (980:001)	Introduction to Sociology [*]	3
SOC 2010 (980:108)	Research Methods [*]	3
Select three of the following: [**]		9
Sociology:		
SOC 2040 (980:156g)	Social Movements	
SOC 3045/5045 (980:135g)	Social Inequality	
SOC 3050/5050 (980:129g)	Men and Masculinities	
SOC 3080/5080 (980:120g)	Immigration and Transnationalism	

or ANTH 3080/5080 (990:120g)	Immigration and Transnationalism	
SOC 4071/5071 (980:171g)	Feminist Theories in the Social Sciences	
Criminology:		
CRIM 3151 (982:151)	Crime and Social Inequality [***]	
Total Hours		15

[*]	Students are advised to take SOC 1000 (980:001) and SOC 2010 (980:108) before taking any of the courses listed below.
[**]	Students may not count any course toward more than two certificates.
[***]	CRIM 3151 (982:151) has prerequisites SOC 1000 (980:001); CRIM 2022 (982:022) and junior standing.

Certificate in Sociology of Family and Life Course

Required

Sociology:		
SOC 1000 (980:001)	Introduction to Sociology [*]	3
SOC 2010 (980:108)	Research Methods [*]	3
Select three of the following: [**]		9
Philosophy and World Religions:		
RELS/PHIL 3110	Perspectives on Death and Dying	
Anthropology:		
ANTH/RELS 3103	Religion, Magic, and Witchcraft	
Sociology:		
SOC 2030 (980:105g)	Sociology of Families	
SOC 3035/5035 (980:125g)	Social Gerontology	
SOC 3085/5085 (980:172g)	Sociology of Religion	
SOC 4050 (980:101)	Sociology of Gender	
Criminology:		
CRIM 2127 (982:127)	Juvenile Delinquency [***]	
Total Hours		15

[*]	Students are advised to take SOC 1000 (980:001) and SOC 2010 (980:108) before taking any of the courses listed below.
[**]	Students may not count any course toward more than two certificates.
[***]	CRIM 2127 (982:127) has prerequisites of CRIM 2025 (982:025) and SOC 1000 (980:001).

Certificate in Sociology of Gender and Culture

Required

Sociology:		
SOC 1000 (980:001)	Introduction to Sociology [*]	3
SOC 2010 (980:108)	Research Methods [*]	3

Select three of the following: [*]		9
Sociology:		
SOC 2075 (980:100g)	Social Psychology	
SOC/ANTH 3001	Language and Culture	
SOC 3050/5050 (980:129g)	Men and Masculinities	
SOC 3060/5060 (980:138g)	Sociology of Culture	
SOC/ANTH 3102	Culture, Disease, and Healing	
SOC 3411/5411 (980:167g)	Gender in Cross-Cultural Perspective	
or PSYCH 4608/5608 (400:167g)	Gender in Cross-Cultural Perspective	
or ANTH 3104/5104 (990:167g)	Gender in Cross-Cultural Perspective	
SOC 4050 (980:101)	Sociology of Gender	
Criminology:		
CRIM 4331/5331 (982:131g)	Women, Crime and Society	
Total Hours		15

[*] Students are advised to take Introduction to Sociology (SOC 1000 (980:001)) and Research Methods (SOC 2010 (980:108)) before taking any of the courses listed below.

[**] Students may not count any course toward more than two certificates.

[***] Course CRIM 4331/5331 (982:131g) has prerequisites of SOC 1000 (980:001); SOC 2010 (980:108); junior standing.

Certificate in Sociology of Race/Ethnicity and Immigration

Required

Sociology:		
SOC 1000 (980:001)	Introduction to Sociology [*]	3
SOC 2010 (980:108)	Research Methods [*]	3
Select three of the following: [*]		9
Sociology:		
SOC 2040 (980:156g)	Social Movements	
SOC 2075 (980:100g)	Social Psychology	
SOC 3037/5037 (980:045g)	Race, Ethnicity and Social Justice	
SOC 3060/5060 (980:138g)	Sociology of Culture	
SOC 3080/5080 (980:120g)	Immigration and Transnationalism	
or ANTH 3080/5080 (990:120g)	Immigration and Transnationalism	
SOC 3411/5411 (980:167g)	Gender in Cross-Cultural Perspective	
or PSYCH 4608/5608 (400:167g)	Gender in Cross-Cultural Perspective	

or ANTH 3104/5104 (990:167g)	Gender in Cross-Cultural Perspective	
Total Hours		15

[*] Students are advised to take SOC 1000 (980:001) and SOC 2010 (980:108) before taking any of the courses listed below.

[**] Students may not count any course toward more than two certificates.

Certificate in Crime Mapping and Analysis

This interdisciplinary program certificate provides students with both theoretical and applied training in spatial mapping and the analysis of crime data. This program certificate is offered jointly by the Department of Sociology, Anthropology and Criminology and Department of Geography.

Required

Criminology:		
CRIM 2134	Crime Analysis	3
CRIM 4224/5224 (982:124g)	Police and Society	3
Geography:		
GEOG 3310 (970:164)	Geographic Information Systems I	3
GEOG 4310/5310 (970:170g)	GIS Applications: (Variable Topic)	3
Sociology:		
SOC 1000 (980:001)	Introduction to Sociology	3
SOC 2020 (980:080)	Statistics for Social Research	3
or STAT 1772 (800:072)	Introduction to Statistical Methods	
Total Hours		18

Special Education

(College of Education)

www.uni.edu/coe/specialed

The Department of Special Education offers the following minors and graduate programs. Specific requirements for these programs are listed within this Department of Special Education section in the following order:

Minors

- Early Childhood Special Education-Teaching

- Special Education-Teaching
    - Instructional Strategist (declared Summer 2014 or after)

    - Instructional Strategist I: Mild/Moderate K-8 Emphasis (declared prior to Summer 2014)

    - Instructional Strategist I: Mild/Moderate 5-12 Emphasis (declared prior to Summer 2014)

    - Instructional Strategist II: Mental Disabilities K-12 Emphasis (declared prior to Summer 2014)

- Teacher of Students with Visual Impairments

Graduate Major (M.A.E.)

- Special Education

Program Certificates

- Inclusive Education

Undergraduate Programs
Minors
Early Childhood Special Education Minor-Teaching

Required

SPED 4140/5140 (220:140g)	Services to Families with Infants and Toddlers with Disabilities	3
SPED 4141/5141 (220:141g)	Including Young Children with Special Needs Into the General Education Programs	3
SPED 4153/5153 (220:153g)	Introduction to Assistive Technology for Instruction	3
Special Education:		
SPED 4192/5192 (220:192g)	Experience in Special Education (Practicum with Children with Disabilities in Least Restrictive Environment)	3
SPED 4192/5192 (220:192g)	Experience in Special Education (Practicum in Home Intervention)	1
Total Hours		13

Special Education Minor-Teaching
Instructional Strategist Minor
FOR STUDENTS WHO DECLARE THIS MINOR SUMMER 2014 OR AFTER:

This minor will lead to certification in teaching students with disabilities (Instructional Strategist I K-8 or Instructional Strategist I 5-12 or Instructional Strategist II Intellectual Disabilities K-12). Students must complete all requirements for an Early Childhood, Elementary, or Secondary Education major and complete student teaching TEACHING 3135 (280:135) in both the major and the Instructional Strategist special education minor endorsement area. **STUDENTS WHO DECLARE THE INSTRUCTIONAL STRATEGIST MINOR SUMMER 2014 OR AFTER WILL FOLLOW THE MINOR REQUIREMENTS BELOW.** Please seek advisement as needed.

Required Special Education Core:

SPED 4151/5151 (220:151g)	Educational and Post-School Transition Programming for Individuals with Disabilities	3
SPED 4170/5170 (220:170g)	Educational Management in Special Education	3

SPED 4174/5174 (220:174g)	Specialized Assessment and Instruction for Students with Disabilities	3
SPED 4176/5176	Issues and Applications in Special Education	3
SPED 4181/5181	Creating and Sustaining Positive Inclusive Learning Environments (K-12)	3
SPED 4192/5192 (220:192g)	Experience in Special Education (Field Experience 1: Foundations Block)	3
Additional Instructional Strategist minor endorsement requirements:*		
One of the following:		3
SPED 4146/5146 (220:146g)	Designing Curiculum & Instruction - Elementary Students Mild/Moderate Disabilities (K-8)	
or		
SPED 4147/5147 (220:147g)	Designing Curriculum & Instruction - Secondary Students with Mild/Mod Disabilities (5-12)	
or		
SPED 4183/5183 (220:183g)	Designing Curriculum and Instruction for Students with Intellectual Disabilities (K-12)	
AND		
SPED 4192/5192 (220:192g)	Experience in Special Education (Field Experience 2: Differentiated Endorsement Block)	3
Total Hours		24

* For a Special Education teaching endorsement in: Instructional Strategist I K-8: SPED 4146/5146 (220:146g) and corequisite SPED 4192/5192 (220:192g). Instructional Strategist I 5-12: SPED 4147/5147 (220:147g) and corequisite SPED 4192/5192 (220:192g). Instructional Strategist II Intellectual Disabilities K-12 SPED 4183/5183 (220:183g) and SPED 4192/5192 (220:192g).

FOR STUDENTS WHO DECLARED THIS MINOR PRIOR TO SUMMER 2014:

STUDENTS WHO HAVE DECLARED THE INSTRUCTIONAL STRATEGIST I: MILD/MODERATE K-8 OR INSTRUCTIONAL STRATEGIST I: MILD/MODERATE 5-12 OR INSTRUCTIONAL STRATEGIST II: MENTAL DISABILITIES K-12 PRIOR TO SUMMER 2014 SHOULD FOLLOW THE REQUIREMENTS FOR THOSE ENDORSEMENTS AS LISTED BELOW:

Instructional Strategist I: Mild/Moderate K-8 Emphasis

This minor will lead to certification in teaching students with mild to moderate disabilities (Instructional Strategist I). Students must complete all requirements for an Early Childhood, Elementary, or Secondary Education major and complete student

teaching TEACHING 3135 (280:135) in both the major and the special education minor endorsement area. **Students who have declared the Instructional Strategist I: Mild/Moderate K-8 prior to Summer 2014 should follow the requirements listed below. PLEASE SEEK ADVISEMENT AS NEEDED.**

Required

Special Education core:		
SPED 4170/5170 (220:170g)	Educational Management in Special Education	3
SPED 4174/5174 (220:174g)	Specialized Assessment and Instruction for Students with Disabilities	3
SPED 4184/5184 (220:184g)	Professional Interdisciplinary Relationships in Special Education I	3
SPED 4192/5192 (220:192g)	Experience in Special Education	3

Minor requirements

Special Education:		12
SPED 4142/5142 (220:142g)	Classroom Instructional Management for Students with Disabilities (K-8) *	
SPED 4192/5192 (220:192g)	Experience in Special Education (corequisite)	
SPED 4146/5146 (220:146g)	Designing Curiculum & Instruction - Elementary Students Mild/Moderate Disabilities (K-8)	
SPED 4176/5176	Issues and Applications in Special Education	

Total Hours	24

Instructional Strategist I: Mild/Moderate 5-12 Emphasis

This minor will lead to certification in teaching students with mild to moderate disabilities (Instructional Strategist I). Students must complete all requirements for an Early Childhood, Elementary, or Secondary Education major and complete student teaching TEACHING 3135 (280:135) in both the major and the special education minor endorsement area. **Students who have declared the Instructional Strategist I: Mild/Moderate 5-12 prior to Summer 2014 should follow the requirements listed below.** Please seek advisement as needed.

Required

Special Education core:		
SPED 4170/5170 (220:170g)	Educational Management in Special Education	3
SPED 4174/5174 (220:174g)	Specialized Assessment and Instruction for Students with Disabilities	3
SPED 4184/5184 (220:184g)	Professional Interdisciplinary Relationships in Special Education I	3

SPED 4192/5192 (220:192g)	Experience in Special Education	3

Minor requirements

Special Education:		15
SPED 4143/5143 (220:143g)	Classroom Instructional Management for Students with Disabilities (5-12) *	
SPED 4192/5192 (220:192g)	Experience in Special Education (corequisite)	
SPED 4147/5147 (220:147g)	Designing Curriculum & Instruction - Secondary Students with Mild/Mod Disabilities (5-12)	
SPED 4151/5151 (220:151g)	Educational and Post-School Transition Programming for Individuals with Disabilities	
SPED 4176/5176	Issues and Applications in Special Education	

Total Hours	27

* Corequisite SPED 4192/5192 (220:192g).

Instructional Strategist II: Mental Disabilities K-12 Emphasis

This minor will lead to certification for teaching students with moderate, severe and profound disabilities from chronological ages 5-21 (Instructional Strategist II). Students must complete all requirements for an Early Childhood, Elementary, or Secondary Education major and complete student teaching TEACHING 3135 (280:135) in both the major and the special education minor endorsement area. **Students who have declared the Instructional Strategist II: Mental Disabilities K-12 prior to Summer 2014 should follow the requirements below.** Please seek advisement as needed.

Required

Special Education:		
SPED 4142/5142 (220:142g)	Classroom Instructional Management for Students with Disabilities (K-8)	3
or SPED 4143/5143 (220:143g)	Classroom Instructional Management for Students with Disabilities (5-12)	
SPED 4153/5153 (220:153g)	Introduction to Assistive Technology for Instruction	3
SPED 4167/5167 (220:167g)	Current Issues in the Education of Students with Severe Disabilities	2
SPED 4183/5183 (220:183g)	Designing Curriculum and Instruction for Students with Intellectual Disabilities (K-12)	3
SPED 4184/5184 (220:184g)	Professional Interdisciplinary Relationships in Special Education I	3

SPED 4187/5187 (220:187g)	Teaching Preschool and Elementary Students with Severe Disabilities	3
SPED 4192/5192 (220:192g)	Experience in Special Education	6
Communicative Disorders:		
CSD 4100/5100 (51C:160g)	Augmentative Communication	2
Total Hours		25

Teacher of Students With Visual Impairments (TVIS) Minor

This minor will lead to endorsement for teaching students with visual impairments, from birth to 21. Students must complete the requirements for an Early Childhood, Elementary, or Secondary Education major and complete student teaching TEACHING 3135 (280:135) in both the major and the special education minor endorsement area.

Required

Special Education core:		
SPED 4125/5125 (220:125g)	Current Issues in Visual Impairments	2
SPED 4126/5126 (220:126g)	Braille Learning and Tactile Communication I	3
SPED 4132/5132 (220:132g)	Introduction to Visual Impairments	3
SPED 4134/5134 (220:134g)	Foundations of Orientation and Mobility	3
SPED 4136/5136 (220:136g)	Methods of Teaching Students with Visual Impairments	3
SPED 4138/5138 (220:138g)	Anatomy of the Eye and Educational Implications of Low Vision	3
SPED 4153/5153 (220:153g)	Introduction to Assistive Technology for Instruction	3
SPED 4192/5192 (220:192g)	Experience in Special Education (2 required in Visual Impairments K-12 for total of 6 hrs)	6
Total Hours		26

Master of Arts in Education Degree Programs

Major in Special Education

This major is designed to prepare special education professionals for leadership positions and for advanced professional studies. To be eligible for the Special Education Consultant endorsement the student must have four years of successful teaching experience, two of which must be congruent with the desired Special Education Consultant endorsement. Students desiring to be endorsed as Work Experience Coordinators must hold a Special Education Teaching 5-12 endorsement.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Special Education for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **thesis** and **non-thesis** options, and requires a **minimum of 30 semester hours**. **A minimum of 18 hours of 200/6000-level course work is required for both thesis and non-thesis options.**

Students on the **thesis** option must complete 6 hours of SPED 6299 (220:299) Research and present a defense of the thesis. Students on the **non-thesis** option must submit an acceptable graduate research paper and successfully complete a final written comprehensive examination.

Required professional core

Educational Psychology:		
EDPSYCH 6214 (200:214)	Foundations of Instructional Psychology	3
Measurement and Research:		
MEASRES 6205 (250:205)	Educational Research	3
Required special education		
SPED 6260 (220:260)	Special Education Law and Policy	3
Special Education:		
SPED 6289 (220:289) or SPED 4180/5180	Seminar Interdisciplinary Study of Disability	3
Emphasis in special education (choose one from below)		18
Total Hours		30

Field Specialization Emphasis

Required

Special Education:		
SPED 6293 (220:293)	Qualitative Research in Special Education	3
SPED 6295 (220:295)	Single-subject Research Applications	3
Approved electives [*]		12
Total Hours		18

[*]   6 hrs of SPED 6299 (220:299) Research required on thesis option.

Special Education Consultant Emphasis

Required

Elementary, Early Childhood, and Middle Level Education:		
ELEMECML 6221 (210:221)	Analysis and Design of Curriculum for Young Children	3
Special Education:		

SPED 6240 (220:240)	Collaborative Consultation I: The Relationship	3
SPED 6245 (220:245)	Collaborative Consultation II: The Process	3
SPED 6290 (220:290)	Practicum	3
Approved electives *		6
Total hours		18

* 6 hrs of SPED 6299 (220:299) Research required on thesis option.

Career/Vocational Programming and Transition Emphasis

Required

Special Education:		
SPED 6254 (220:254)	Vocational and Transition Assessment of Individuals with Disabilities	3
SPED 6293 (220:293)	Qualitative Research in Special Education	3
SPED 4160/5160	Coordination Techniques in Cooperative Work-based Learning Programs	3
SPED 6295 (220:295)	Single-subject Research Applications	3
Approved electives *		6
Total Hours		18

* 6 hrs of SPED 6299 Research required on thesis option.

Program Certificates

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following program certificates, contact the Department of Special Education or the Office of the Registrar, which serves as the centralized registry.

Inclusive Education Certificate

The Inclusive Education certificate requires a fifteen (15) credit hour program designed to provide practicing educators the knowledge, skills, and dispositions needed to design and implement inclusive education in Pre K-12 schools.

SPED 6260 (220:260)	Special Education Law and Policy	3
SPED 6256 (220:256)	Best Practices in Inclusion	3
SPED 4181/5181	Creating and Sustaining Positive Inclusive Learning Environments (K-12) (Note: Prerequisites will be waived for the Inclusive Education Certificate)	3
SPED 4153/5153 (220:153g)	Introduction to Assistive Technology for Instruction	3

SPED 4192/5192 (220:192g)	Experience in Special Education	3
Total Hours		15

Teaching

(College of Education)

The Department of Teaching is responsible for the administration of multi-faceted programs.

Department of Teaching

The Department of Teaching administers the university's program in student teaching which is required of all undergraduates seeking a teaching degree. The student teaching program is administered through the office of the Head of the Department of Teaching and is under the supervision of the Coordinator of Teacher Education and the jurisdiction of the Dean of the College of Education.

Completion of the present undergraduate teaching curriculum requires a minimum of twelve semester hours of credit in student teaching for all teacher education majors except for those who have earned credit in student teaching in another college or university. Student teaching credit earned in other colleges or universities does not completely fulfill the student teaching requirements of the University of Northern Iowa. Students who have completed three or more semester hours of credit in student teaching at another college or university in the same areas as their major at the University of Northern Iowa will have their previous experience evaluated to determine how much additional student teaching is needed.

Teacher education majors seeking a dual endorsement (i.e., special education/elementary, elementary/secondary) must complete a minimum of twelve semester hours of student teaching. The twelve hours of student teaching will be divided between the two levels in the student teaching assignment. Elementary majors with a minor in special education must complete one-half of their twelve-hour student teaching experience in a regular classroom and one-half of their twelve-hour experience in a special education setting.

Special area majors (i.e., art, ESL, music, and physical education) receive K-8 and 5-12 endorsements. They are required to complete twelve semester hours of student teaching in the special subject area. Special area majors must complete student teaching at both the elementary and secondary school levels.

The primary purpose of student teaching is to provide the student the opportunity to experience, in depth, the full role and meaning of teaching in a school setting. Specific emphasis is given to:

1. the analysis of teaching and learning,
2. the preconditions of learning,
3. the organization of instructional content,
4. adapting methods and techniques to organization and content,
5. the logical process of teaching, and
6. principles of self-evaluation.

This broad pattern of experiences includes planning and organizing for instruction, developing classroom teaching competencies and

skills, evaluating pupil progress, participating in extra-class activities, working with special school personnel, and utilizing school and community resources in the instructional program.

A student teacher who withdraws from student teaching [TEACHING 3132 (280:132), TEACHING 3134 (280:134), TEACHING 3135 (280:135), TEACHING 3137 (280:137), TEACHING 3138 (280:138), TEACHING 3139 (280:139), TEACHING 3140 (280:140)] prior to the mid-point of either the first or second assignment within the twelve-hour experience (if two placements) or before the mid-term of a single full semester assignment will receive a **W (Withdrawn)**. A student teacher who withdraws from student teaching after the midpoint of the student teaching term will receive a **No Credit** grade.

The applicant for student teaching who previously received a **No Credit** grade in TEACHING 3xxx must be recommended for placement to the Teacher Education Senate (TES) by the Coordinator of Teacher Education following consultation with the coordinator who gave the **No Credit** grade and the head of the major department(s). Approval by TES is required for placement.

The scholarship average required before a student is permitted to register for student teaching is specified in Undergraduate Degree Requirements section of this University Catalog. **A student must also have been fully admitted to the Teacher Education Program and must file an application for student teaching according to the time line published by the Office of Student Field Experiences. Students whose applications are received after the established deadline will not be guaranteed a placement in the semester for which they were a late applicant.**

Department of Technology

(College of Humanities, Arts and Sciences)

www.uni.edu/indtech

The Department of Technology offers the following undergraduate and graduate programs and program certificates. Specific requirements for these programs are listed within this Department of Technology section in the following order:

Undergraduate Majors (B.S.)

- Construction Management
- Electrical Engineering Technology (EET)
- Manufacturing Technology
- Technology and Engineering Education--Teaching

Undergraduate Majors (B.A.)

- Graphic Technologies
- Technology Management
- Combined B.A./M.S. or B.S./M.S. - Technology

Minors

- Electrical and Electronics Technology (EET)
- Graphic Technologies
- Manufacturing Technology Design
- Technology Education - Teaching

Technology Management

Graduate Major (M.S.)

- Technology

Graduate Major (D.I.T.)

- Doctor of Industrial Technology

Program Certificates

- Advanced Technology
- Technology Management

Bachelor of Science Degree Programs

Construction Management Major *(Extended Program)*

The B.S. Construction Management major requires a minimum of 126 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 126 hours.

Student must earn a minimum UNI GPA of 2.20 to register for upper division (100/3000/4000-level) Construction Management courses.

Required core:

Construction science/construction:		51
TECH 1018 (330:018)	Construction Resources	
TECH 1025 (330:025)	Construction Graphics	
TECH 2045 (330:045)	Construction Law and Documentation	
TECH 2072 (330:072)	Engineering Materials	
TECH 2080 (330:080)	Statics and Strength of Materials	
TECH 2096 (330:096)	Construction Safety	
TECH 3125/5125 (330:125g)	Commercial and Heavy/ Highway Construction	
TECH 3126/5126 (330:126g)	Land, Route, and Construction Surveying	
TECH 3128 (330:128)	Electrical Construction Materials and Methods	
TECH 3149 (330:149)	Construction Estimating	
TECH 4100 (330:100)	Undergraduate Research in Construction Management	
TECH 4124/5124 (330:124g)	Mechanical Systems in Construction	
TECH 4153/5153 (330:153g)	Construction Project Planning, Scheduling and Controlling	
TECH 4154/5154 (330:154g)	Computerized Construction Estimating	
TECH 4173/5173 (330:173g)	Construction Management	
TECH 4175/5175 (330:175g)	Structural Analysis in Construction	
TECH 4185/5185 (330:185g)	Methods Improvement and Construction Innovations	

Required:		
Business and Management:		18
Accounting:		
ACCT 2120 (120:030)	Principles of Financial Accounting	
Management:		
MGMT 2080 (150:080)	Introduction to Information Systems	
MGMT 3101 (150:101)	Business Law	
MGMT 3145 (150:145)	Information Systems Applications	
Economics		
ECON 1021 (920:020)	Introduction to Decision Techniques *	
ECON 1031 (920:024)	Introduction to Economics	
Mathematics and Science:		15
Mathematics:		
MATH 1420 (800:060)	Calculus I	
STAT 1772 (800:072)	Introduction to Statistical Methods	
Chemistry and Biochemistry:		
CHEM 1110 (860:044)	General Chemistry I	
Physics:		
PHYSICS 1511 (880:054)	General Physics I	
Total Hours		84

*   ECON 1021 (920:020) Introduction to Decision Techniques has a prerequisite of STAT 1772 (800:072) Introduction to Statistical Methods or equivalent. *STAT 1772 (800:072) Introduction to Statistical Methods* may be used to satisfy Category 1C of the Liberal Arts Core.

Electrical Engineering Technology (EET) Major

The B.S. Electrical Engineering Technology (EET) major requires a minimum of 126 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 126 hours.

The Electrical Engineering Technology (EET) major provides theoretical and hands-on experience in the field of electrical circuits, conventional and renewable electrical energy, analog/digital electronics, microprocessors, modern electronic communication systems, digital signal processing, power electronics, control systems, networking, and their applications. The Electrical Engineering Technology Program is accredited by the Engineering Technology Accreditation Commission of ABET, www.abet.org.

Required Mathematics and Science core:		22
Mathematics:		
MATH 1140 (800:046)	Precalculus	
MATH 1150 (800:048)	Calculus for Technology	
or MATH 1420 (800:060)	Calculus I	
STAT 1774 (800:064)	Introductory Statistics for Life Sciences	
or STAT 1772 (800:072)	Introduction to Statistical Methods	

Computer Science:		
CS 1160 (810:036)	C/C++ Programming	
or CS 1130 (810:030)	Visual BASIC Programming	
Physics:		
PHYSICS 1511 (880:054)	General Physics I	
PHYSICS 1512 (880:056)	General Physics II	
Required Technical Core:		
Technology:		52
TECH 1037 (330:037)	Introduction to Circuits	
TECH 1039 (330:039)	Circuits and Systems	
TECH 2038 (330:038)	Introduction to Electrical Power and Machinery	
TECH 2041 (330:041)	Introduction to Analog Electronics	
TECH 2042 (330:042)	Introduction to Digital Electronics	
TECH 3129/5129 (330:129g)	Linear Control Systems	
TECH 3152 (330:152)	Advanced Analog Electronics	
TECH 3156 (330:156)	Advanced Digital Electronics	
TECH 3157/5157 (330:157g)	Microcontroller Applications	
TECH 3160/5160 (330:160g)	Computer-Aided Instrumentation and Interfacing	
TECH 3164/5164 (330:164g)	Programmable Logic Controllers (PLCs)	
TECH 3166/5166 (330:166g)	Advanced Electrical Power Systems	
TECH 4103/5103 (330:103g)	Electronic Communications	
TECH 4104/5104 (330:104g)	Applied Digital Signal Processing	
TECH 4165/5165 (330:165g)	Wireless Communication Networks	
TECH 4167/5167 (330:167g)	Power Electronics Applications	
TECH 4174 (330:174)	Senior Design I	
TECH 4176 (330:176)	Senior Design II	
Required Technical Writing:		3
ENGLISH 3772/5772	Technical Writing for Engineering Technologists	
Total Hours		77

Additional Program Requirements:

1. All 4000 level technology courses must be taken at UNI, i.e. no transfer is accepted for 4000 level technology courses.

2. All students in the program must have a UNI GPA of 2.00 or higher before they are allowed to take any technology courses they have not already taken.

Manufacturing Technology Major

The B.S. Manufacturing Technology major requires a minimum of 126 total hours to graduate. This total includes Liberal Arts Core requirements (45 hours) and the following specified major requirements (66-69 hours), plus electives (15 hours) to complete the minimum of 126 hours.

Required Mathematics and Science Core:		12
Mathematics:		
MATH 1150 (800:048)	Calculus for Technology	
or MATH 1420 (800:060)	Calculus I	
Chemistry and Biochemistry		
CHEM 1020 (860:020)	Chemical Technology	
or CHEM 1110 (860:044)	General Chemistry I	
Physics:		
PHYSICS 1511 (880:054)	General Physics I	
or PHYSICS 1701 (880:130)	Physics I for Science and Engineering	
Required Technical Core:		
Technology:		0-3
TECH 1017 (330:017)	Computer-Aided Design and Drafting (or equivalent *)	
Technology:		42
TECH 1008 (330:008)	Manufacturing Processes I	
TECH 1010 (330:010)	Metal Removal Processes	
TECH 1024 (330:024)	Technical Drawing and Design I	
TECH 2024 (330:023)	Technical Drawing and Design II	
TECH 2060 (330:060)	Fundamentals of Automated Manufacturing	
TECH 2072 (330:072)	Engineering Materials	
TECH 2080 (330:080)	Statics and Strength of Materials	
TECH 3142 (330:142)	Statistical Quality Control	
TECH 3143	Managing Operations and Manufacturing Systems	
TECH 3180 (330:180)	Lean and Sustainable Manufacturing	
TECH 3196 (330:196)	Industrial Safety	
TECH 4110/5110	Manufacturing Process Planning	
TECH 4112 (330:112)	Industrial Projects I	
TECH 4113 (330:197)	Industrial Projects II	
TECH 4187/5187 (330:187g)	Applied Industrial Supervision and Management	
Concentration: choose one of the following three concentrations:		12
Total Hours		66-69

*   Equivalency requires approval by department.

Advanced Manufacturing:

TECH 3113 (330:113)	Manufacturing Tooling	
TECH 3147 (330:147)	Computer Aided Manufacturing	
TECH 3177/5177 (330:177g)	Advanced Manufacturing Processes	
TECH 4162	Automation - Pneumatics and Hydraulics	

Manufacturing Design:

TECH 3024/5024 (330:122g)	Advanced CAD and Modeling	
TECH 3113 (330:113)	Manufacturing Tooling	
TECH 3135/5135 (330:135g)	Product Design	
TECH 3148 (330:148)	Machine Design	

Metal Casting:

TECH 3127 (330:127)	Transport Phenomena for Technologists	
TECH 3134 (330:134)	Molding Practices in Metal Casting	
TECH 4136 (330:136)	Melting Metallurgy and Practices	
TECH 4137 (330:137)	Tooling Practices in Metal Casting	

Recommended elective hours from the following:

Technology:		
TECH 1037 (330:037)	Introduction to Circuits	
TECH 2036 (330:036)	Power Technology	
TECH 2038 (330:038)	Introduction to Electrical Power and Machinery	
TECH 3113 (330:113)	Manufacturing Tooling	
TECH 3115 (330:115)	Fundamentals of Electrical and Electronic Technology	
TECH 3119 (330:119)	Computer Applications in Technology	
TECH 3127 (330:127)	Transport Phenomena for Technologists	
TECH 3131/5131 (330:131g)	Technical Project Management	
TECH 3177/5177 (330:177g)	Advanced Manufacturing Processes	
TECH 3179 (330:179) "Cooperative Education" (3 hrs. maximum)		
TECH 3183 (330:183)	Fundamentals of Manufacturing Engineering	
TECH 3192/5192 (330:192g)	Non-Destructive Evaluation of Materials/Scanning Electron Microscopy	
TECH 4162	Automation - Pneumatics and Hydraulics	
Management:		
MGMT 3113 (150:113)	Business Communication	
Communication:		
COMM 3155 (48C:173)	Business and Professional Oral Communication	
COMM 4355/5355 (48C:141g)	Listening	

Philosophy:

PHIL 2500	Ethics

Sociology:

SOC 3090 (980:102)	Conflict Resolution

Technology and Engineering Education-Teaching Major

The B.S. Technology and Engineering Education-Teaching major requires a minimum of 126 total hours to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements, and the following specified major requirements, plus electives to complete the minimum of 126 hours.

Technology and Engineering Core

CHEM 1020 (860:020)	Chemical Technology	4
PHYSICS 1400 (880:011)	Conceptual Physics	4
or PHYSICS 1511 (880:054)	General Physics I	
MATH 1140 (800:046)	Precalculus	4
TECH 1008 (330:008)	Manufacturing Processes I	3
TECH 1010 (330:010)	Metal Removal Processes	3
TECH 1018 (330:018)	Construction Resources	3
TECH 1006	Project Lead The Way: Introduction to Engineering Design	3
TECH 1022 (330:022)	Communication Technology	3
TECH 1024 (330:024)	Technical Drawing and Design I	3
TECH 3010	Project Lead The Way: Principles of Engineering	3
TECH 3114 (330:114)	Product Development and Enterprise	3
TECH 4290/5290	Project Lead The Way: Digital Electronics	3
or PHYSICS 4290/5290	Project Lead The Way: Digital Electronics	
Technology and Engineering Electives: (choose from communication, construction, manufacturing, power and energy, and transportation and should have at least six hours in any three of these areas.		9
Technology and Engineering Education Core:		12
TECH 1019 (330:019)	Introduction to Technology and Engineering Education	
TECH 3120 (330:120)	Technology and Engineering Education Curriculum Planning	
TECH 3190/5190 (330:190g)	Technology and Engineering Education Teaching Methods (Includes level 3 field experience: prerequisite or co-requisiite: EDPSYCH 3128 level 2 field experience.)	

TECH 4195/5195 (330:195g)	Technology and Engineering Education Laboratory Management	

Total Hours	60

Note: Students in Technology and Engineering Education--Teaching Major will be waived from INSTTECH 1020 (240:020) Secondary Educational Technology and Design of the Professional Education Requirements. A student changing majors to a different teaching major would be required to complete INSTTECH 1020 (240:020) Secondary Educational Technology and Design .

Bachelor of Arts Degree Programs
Graphic Technologies Major

The Graphic Technologies major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements (45 hours) and the following specified major requirements (61hours), plus university electives (14 hours) to complete the minimum of 120 hours.

Required:		
Mathematics-Science Core:		
Mathematics: (one of the following)		3
MATH 1100 (800:023)	Mathematics in Decision Making	
STAT 1772 (800:072)	Introduction to Statistical Methods	
Chemistry and Biochemistry (select one of the following):		4
CHEM 1010 (860:010)	Principles of Chemistry	
CHEM 1020 (860:020)	Chemical Technology	
CHEM 1110 (860:044)	General Chemistry I	
Computer Science:		3
CS 1000 (810:021)	Computing Skills and Concepts	
Business and Management:		15
TECH 3179 Cooperative Education		
TECH 3196 (330:196)	Industrial Safety	
TECH 4187/5187 (330:187g)	Applied Industrial Supervision and Management [*]	
TECH 4193	Graphic Communication Estimating and Management II	
TECH 4194/5194 (330:194g)	Graphic Communications Estimating and Management I	
Technology:		30
TECH 1022 (330:022)	Communication Technology	
TECH 1055 (330:055)	Graphic Communications Foundations	
TECH 2070 (330:070)	Digital Pre-Media	
TECH 3144 (330:144)	Web Publishing	
TECH 3150/5150 (330:150g)	Graphic Communications Imaging	

TECH 3163/5163 (330:163g)	Advanced Digital Pre-Media	
TECH 3169 (330:169)	Digital Imaging I	
TECH 4158/5158 (330:158g)	Graphic Communications Technical Visualization	
TECH 4161/5161 (330:161g)	Digital Graphic Communications	
TECH 4184/5184	Digital Imaging II	
Electives:		
Technology/Art (select two of the following technical electives):		6
TECH 1011	Introduction to Graphic Programs	
TECH 1065 (330:065)	Technology in Society and Organizations	
TECH 3115 (330:115)	Fundamentals of Electrical and Electronic Technology	
ART 2030 (600:025)	Graphic Design I	
Total Hours		61

*   TECH 4187/5187 (330:187g) has a prerequisite of TECH 3131; TECH 3143; or consent of instructor; junior standing.

Technology Management Major

The Technology Management major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Mathematics and Science Core: (one hour lab required)		10
STAT 1772 (800:072)	Introduction to Statistical Methods	
CHEM 1010 (860:010)	Principles of Chemistry	
or CHEM 1020 (860:020)	Chemical Technology	
or CHEM 1110 (860:044)	General Chemistry I	
PHYSICS 1000 (880:012)	Physics in Everyday Life	
or PHYSICS 1400 (880:011)	Conceptual Physics	
or PHYSICS 1511 (880:054)	General Physics I	
Management:		21
TECH 1065 (330:065)	Technology in Society and Organizations	
TECH 3131/5131 (330:131g)	Technical Project Management	
TECH 3142 (330:142)	Statistical Quality Control	
TECH 3143	Managing Operations and Manufacturing Systems	
TECH 3168/5168 (330:168g)	Technology Training Strategies	
TECH 3180 (330:180)	Lean and Sustainable Manufacturing	
TECH 4187/5187 (330:187g)	Applied Industrial Supervision and Management	

Technical Electives: **		42
TECH 1008 (330:008)	Manufacturing Processes I	
TECH 1010 (330:010)	Metal Removal Processes	
TECH 1011	Introduction to Graphic Programs	
TECH 1017 (330:017)	Computer-Aided Design and Drafting	
TECH 1018 (330:018)	Construction Resources	
TECH 1022 (330:022)	Communication Technology	
TECH 1024 (330:024)	Technical Drawing and Design I	
TECH 1055 (330:055)	Graphic Communications Foundations	
TECH 2036 (330:036)	Power Technology	
TECH 2060 (330:060)	Fundamentals of Automated Manufacturing	
TECH 3102 (330:102)	Living in Our Techno-Social World	
TECH 3114 (330:114)	Product Development and Enterprise	
TECH 3115 (330:115)	Fundamentals of Electrical and Electronic Technology	
TECH 3119 (330:119)	Computer Applications in Technology	
TECH 3169 (330:169)	Digital Imaging I	
TECH 3179 Cooperative Education		
TECH 3196 (330:196)	Industrial Safety	
TECH 4000/5000	Wind Energy Engineering	
TECH 4158/5158 (330:158g)	Graphic Communications Technical Visualization	
TECH 4178/5178 (330:178g)	Contemporary Instruction in Technology Education	
Total Hours		73

*   Equivalency requires approval by department.

**   A minimum of 42 hours of supporting technical courses to be taken from the following or any other courses in the department of technology approved by the students advisor.

Combined B.A./M.S. or B.S./M.S. - Technology

Students with majors in a Department of Technology program, interested in the combined program should declare their intent by the end of the junior year (or have completed at least 90 semester hours). They should complete an Application for Admission to Graduate Study and the departmental application, as well as two professional references and have them submitted to the Graduate Coordinator before attempting to register. Application for graduate admission can be found at *www.grad.uni.edu/admission*.

Upon admittance to the combined B.A./M.S. or B.S./M.S. program, undergraduate students during their senior year may register for a maximum of 12 hours of graduate credit as a senior, with the approval of the student's advisor, the instructor of the course(s), and the head(s) of the department(s) offering the course(s). The admitted student may enroll and self-identify themselves with every instructor in the first

two weeks of the semester in these 9 hours during the senior year, but before the baccalaureate degree is awarded. To be eligible for this exception to the undergraduate registration policies, the student must have earned at least 90 hours with a cumulative GPA of 3.00 or higher at the time of registration. When registering for the graduate courses, approvals must be obtained on the same student request, with the IT Graduate Coordinator serving as the advisor. (See policies and procedures for Graduate Credit for Undergraduate Students.)

Graduate work completed on the early admission basis will be counted as graduate credit only after the baccalaureate degree has been awarded and enrolled for graduate course work within one year of the awarding of the baccalaureate degree. Actual admission to graduate study and classification as a graduate student commences the term after the student has completed the baccalaureate.

Minors

Electrical and Electronics Technology Minor (EET)

The EET minor provides basic theory and hands-on experience in the field of electrical circuits, electrical power and machinery, analog/digital electronics, PLCs and their applications.

Required:

Technology:		18
TECH 1037 (330:037)	Introduction to Circuits	
TECH 1039 (330:039)	Circuits and Systems	
TECH 2038 (330:038)	Introduction to Electrical Power and Machinery	
TECH 2041 (330:041)	Introduction to Analog Electronics	
TECH 2042 (330:042)	Introduction to Digital Electronics	
TECH 3164/5164 (330:164g)	Programmable Logic Controllers (PLCs)	
Mathematics:		4
MATH 1150 (800:048)	Calculus for Technology	
or MATH 1420 (800:060)	Calculus I	
Computer Science:		3
CS 1130 (810:030)	Visual BASIC Programming	
or CS 1160 (810:036)	C/C++ Programming	
Physics:		4
PHYSICS 1511 (880:054)	General Physics I	
or PHYSICS 1701 (880:130)	Physics I for Science and Engineering	
Total Hours		29

Graphic Technologies Minor

Required:

Technology:		
TECH 1022 (330:022)	Communication Technology	3
TECH 1055 (330:055)	Graphic Communications Foundations	3
TECH 2070 (330:070)	Digital Pre-Media	3

TECH 3196 (330:196)	Industrial Safety	3
TECH 4161/5161 (330:161g)	Digital Graphic Communications	3
Electives:		
Technology (select two of the following):		6
TECH 3144 (330:144)	Web Publishing	
TECH 3150/5150 (330:150g)	Graphic Communications Imaging	
TECH 3163/5163 (330:163g)	Advanced Digital Pre-Media	
TECH 3169 (330:169)	Digital Imaging I	
TECH 4158/5158 (330:158g)	Graphic Communications Technical Visualization	
TECH 4194/5194 (330:194g)	Graphic Communications Estimating and Management I	
Total Hours		21

Manufacturing Technology Design Minor

Available to all UNI majors except Manufacturing Technology majors.

Required:

Technology:		15
TECH 1017 (330:017)	Computer-Aided Design and Drafting	
TECH 1024 (330:024)	Technical Drawing and Design I	
TECH 2024 (330:023)	Technical Drawing and Design II	
TECH 3024/5024 (330:122g)	Advanced CAD and Modeling	
TECH 3135/5135 (330:135g)	Product Design	
Mathematics and Science:		12
MATH 1150 (800:048)	Calculus for Technology	
or MATH 1420 (800:060)	Calculus I	
CHEM 1020 (860:020)	Chemical Technology	
or CHEM 1110 (860:044)	General Chemistry I	
PHYSICS 1511 (880:054)	General Physics I	
or PHYSICS 1701 (880:130)	Physics I for Science and Engineering	
Total Hours		27

Technology Education Minor-Teaching

Required:

Technology:		0-3
TECH 1017 (330:017)	Computer-Aided Design and Drafting (or equivalent*)	
Technology:		27
TECH 1008 (330:008)	Manufacturing Processes I	
TECH 1010 (330:010)	Metal Removal Processes	
TECH 1018 (330:018)	Construction Resources	
TECH 1019 (330:019)	Introduction to Technology and Engineering Education	

TECH 1022 (330:022)	Communication Technology	
TECH 1024 (330:024)	Technical Drawing and Design I	
TECH 2036 (330:036)	Power Technology	
TECH 3190/5190 (330:190g)	Technology and Engineering Education Teaching Methods	
TECH 4195/5195 (330:195g)	Technology and Engineering Education Laboratory Management	
Electives in Technology: (choose from construction or energy and power)		3
Total Hours		30-33

*   Equivalency requires approval by department.

Technology Management Minor

Required Courses:

Maths:		
STAT 1772 (800:072)	Introduction to Statistical Methods	3
Technology:		
TECH 3119 (330:119)	Computer Applications in Technology	3
TECH 3131/5131 (330:131g)	Technical Project Management	3
or TECH 3143	Managing Operations and Manufacturing Systems	
TECH 3142 (330:142)	Statistical Quality Control	3
TECH 3196 (330:196)	Industrial Safety	3
TECH 4187/5187 (330:187g)	Applied Industrial Supervision and Management	3
Technical Electives:		6
Total Hours		24

Master of Science Degree Program
Major in Technology

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Technology for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*.

The Graduate Record Examination (General Test) **is not** required for admission to the program.

This degree offers a **thesis and non-thesis option**. The program promotes a greater depth of understanding of applied technology and management. It provides opportunities to develop special research and application skills directly related to individual competencies, needs, and objectives.

This major requires as a prerequisite a bachelor's degree with a major in engineering or technology field. Degree admission to the Master of Science in Technology requires an applicant to have:

1. Earned a minimum of 6 semester hours of college mathematics and 6 semester hours of college physics and/or chemistry and biochemistry or other science related to the major area (this may be either graduate or undergraduate credit)

2. Earned a minimum of 15 semester hours in a major technical field and 8 semester hours in supporting technical subjects;

3. Department application;

4. Online Application for Graduate Study;

5. TOEFL score of 550 (paper-based) or 79 iBT;

6. Three professional references; and

7. A minimum cumulative undergraduate grade point average of 3.00.

Only graduate courses (course numbers 5000 or above) will apply to a graduate program, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

For both the thesis and non-thesis options, the Master of Science Technology degree program requires a **minimum of 33 semester hours. A minimum of 15 hours of 200/6000-level course work is required for this degree program.** For the thesis option, students must defend and present their research thesis to their committee members and the public.

Required core courses:

Technology Management		
TECH 6100	Engineering Cost Analysis	3
TECH 6225 (330:225)	Integrated Logistics and Production Operations	3
TECH 6250 (330:250)	Technology of Productivity Improvement	3
TECH 6258 (330:258)	Total Quality Management	3
TECH 6275 (330:275)	Advanced Lean Manufacturing	3
TECH 6295 (330:295)	Advanced Management and Supervision Technology	3
TECH 6300	Advanced Technical Project Management for Engineering and Technology	3
Choose from one of following options:		12
Total Hours		33

A. Non-Thesis Option

TECH 6288 (330:288)	Master Internship/Project	3
Supporting approved graduate elective course in Technology. A minimum of 9 graduate credit hours from 5000 or 6000 level courses should be taken in the department of Technolog.		9

B. Thesis Option

TECH 6292 (330:292)	Research Methods in Technology	3

| TECH 6299 (330:299) | Research (Master's Thesis) | 6 |
| PSYCH 6001 (400:239) | Advanced Statistics (Or any 5000/6000 statistics course) | 3 |

Doctor of Industrial Technology Degree Program

The Doctor of Industrial Technology (D.I.T.) degree is designed to develop scholars in the fields of education and industry. The University of Northern Iowa offers the D.I.T. degree to meet the increasing need for advanced degree work in the field of Technology, which includes, but is not limited to, technology, applied engineering, trade and industrial education, technical institute education, industrial training, and technology transfer. This research-oriented terminal degree program also includes the study of the technological systems used in industry and their effect on society and culture.

The D.I.T. program emphasizes the development of a thorough knowledge of

1. Industrial technology as an intellectual discipline,

2. The technological systems used in industry and their effect on people and the environment, and

3. The potential and limitations of future developments in technological systems and their utilization in industry

4. the intellectual tools necessary to pursue scholarly research and applied practices in the field of industrial technology and applied engineering.

The Doctor of Industrial Technology degree program is intended to prepare graduates for one or more of the following professional careers:

1. Faculty, supervisors, and consultants of applied engineering or technology, trade and industrial education, technical institute education and technology education in secondary schools, colleges and universities.

2. Researchers and project coordinators, technology transfer specialists, technology forecasters and assessors of technology for industrial policy planning and decision making.

3. Academic leaders (e.g., deans, department heads, or directors) of technology-oriented programs at postsecondary institutions.

4. Researchers and research coordinators for education and industry in specific content fields of technology.

5. Designers, coordinators and directors of applied/engineering and/or industrial training or human resource programs, and related industrial applications.

The Doctor of Industrial Technology degree program requires a **minimum of 60 semester hours of credit completed beyond the master's degree**, including a **minimum of 38 hours in 200/6000-level or 300/7000-level course work**. Courses taken for the Master's degree cannot be repeated for the doctoral degree unless the course description allows it.

It is the student's responsibility to be familiar with all degree program requirements and take the initiative in meeting established guidelines.

This information may be obtained from the Graduate Programs Coordinator in the Department of Technology.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Technology for other application requirements. Graduate information and application for graduate admission can be found at *www.grad.uni.edu/admission*. For requirements concerning admission, candidacy, scholarship, residence, examinations, dissertation, and graduation for the Doctor of Industrial Technology refer to www.uni.edu/tech/DT and the Graduate Information section of this catalog.

The Graduate Record Examination (General Test) **is** required for admission to the program. The minimum GRE scores for a full admission status must rank as the 30th percentile in verbal, the 30th percentile in analytical writing, and the 50th percentile in quantitative sections.

Required core:		18
TECH 6282 (330:282)	Technology Seminar (Three 1 credit hour course)	
TECH 6296	Research Design in Technology	
TECH 7375 (330:375)	Historical and Contemporary Issues in Technology	
TECH 7377 (330:377)	Technology and Societal Trends: Case Studies	
TECH 7378 (330:378)	Technology, Ethics and Leadership	
PSYCH 6001 (400:239)	Advanced Statistics	
or STAT 3771/5771 (800:121g)	Applied Statistical Methods for Research	
or STAT 4777/5777 (800:157g)	Statistical Quality Assurance Methods	
Required Technical Elective Courses		9
A minimum of 9 credit hours from 6000 or 7000 level courses should be taken in the department of Technology related to the student's career goals and competencies that are related to the student's dissertation. Students cannot receive credit for the same courses that they took for the Master's program.		
Supporting Course Work		15
The supporting course work can be taken from any discipline at the university (including the technology department) as long as it relates to the career goals and competencies. Students cannot receive credit for the same courses that they took for the Master's program.		
D.T. Internship:		6
TECH 7388 (330:388)	Doctoral Internship	
D.T. Dissertation:		12
TECH 7399 (330:399)	Research (Doctoral Dissertation)	
Total Hours		60

Program Certificates

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following certificates, contact the Department of Technology or the Office of the Registrar, which serves as the centralized registry.

Advanced Technology Certificate

This Advanced Technology Certificate program provides graduate students with the competencies, skills, and knowledge essential for the industrial technology environment where technical, supervisory, and managerial competencies are crucial. This program will provide an alternative to the program leading to the Master of Science in Technology degree, but the student may continue to satisfy the coursework requirements for the Master of Science in Technology degree if it is their desire. Completion of the 15 hours in any one of the seven areas will certify that an individual has completed a program approved by the university. There are seven areas and each will constitute a certificate area of 15 semester hours: Industrial Management, Construction Management, Electrical Engineering Technology, Graphic Communications, Manufacturing Materials, Manufacturing Technology, and Technology Education and Training.

All graduate students must be admitted to the Graduate College and satisfy all admission requirements specified for the Department of Technology Master of Science degree program. Upon completion of the 15 hours, the Department of Technology will award the program certificate.

For information on the following program certificates, contact the Graduate Coordinator of the Department of Technology.

Industrial Management:

Required:

Management:		3
MGMT 6260 (150:262)	Strategic Management of Human Resources	

Technology:		6
TECH 6258 (330:258)	Total Quality Management	
TECH 6295 (330:295)	Advanced Management and Supervision Technology	

Management/Technology/Psychology (select two of the following):		6
MGMT 6249 (150:249)	Management Information Systems Concepts	
TECH 6225 (330:225)	Integrated Logistics and Production Operations	
TECH 6250 (330:250)	Technology of Productivity Improvement	
TECH 6294 (330:294)	Technological Evolution and Innovation	
PSYCH 3305/5305 (400:157g)	Industrial Psychology	
PSYCH 3304/5304 (400:158g)	Organizational Psychology	

Total Hours		15

Construction Management:

Required:

Technology:		6
TECH 6262 (330:262)	Sustainable/Green Building Construction	
TECH 6286 (330:286) *		

Technology (select three of the following):		9
TECH 3125/5125 (330:125g)	Commercial and Heavy/Highway Construction	
TECH 3126/5126 (330:126g)	Land, Route, and Construction Surveying	
TECH 4153/5153 (330:153g)	Construction Project Planning, Scheduling and Controlling	
TECH 4154/5154 (330:154g)	Computerized Construction Estimating	
TECH 4173/5173 (330:173g)	Construction Management	
TECH 4175/5175 (330:175g)	Structural Analysis in Construction	
TECH 4185/5185 (330:185g)	Methods Improvement and Construction Innovations	

Total Hours		15

*   3 hrs. Studies In approved by instructor, advisor, and department.

Electrical Engineering Technology:

Required:

Technology:		12
TECH 4104/5104 (330:104g)	Applied Digital Signal Processing	
TECH 3166/5166 (330:166g)	Advanced Electrical Power Systems	
TECH 6242 (330:242)	Complex Digital System Design	
TECH 6244 (330:244)	Applied Embedded Systems	

Technology electives approved by advisor:		3

Total Hours		15

Graphic Communications:

Required:

Technology:		9
TECH 4194/5194 (330:194g)	Graphic Communications Estimating and Management I	
TECH 6286 (330:286) Studies in, 3 hrs.		
TECH 6294 (330:294)	Technological Evolution and Innovation	

Technology (select two of the following):		6
TECH 3150/5150 (330:150g)	Graphic Communications Imaging	
TECH 3163/5163 (330:163g)	Advanced Digital Pre-Media	

Course		Title	Hours
TECH 4158/5158 (330:158g)		Graphic Communications Technical Visualization	
TECH 4161/5161 (330:161g)		Digital Graphic Communications	
Total Hours			15

Manufacturing Materials:

Required:

			Hours
Technology:			9
TECH 3132/5132 (330:132)		Metallurgy and Phase Transformation	
TECH 6231 (330:231)		Thermodynamics of Material Processing	
TECH 6235 (330:235)		Material Transformations and Modeling	
Technology/Mathematics/Physics (select two of the following):			6
MATH 3440/5440 (800:176g)		Numerical Analysis	
PHYSICS 4200/5200 (880:144g)		Introduction to Nanoscience and Nanotechnology	
PHYSICS 4210/5210 (880:148g)		Intermediate Nanoscience and Nanotechnology	
Total Hours			15

Manufacturing Technology:

Required:

			Hours
Technology:			6
TECH 6250 (330:250)		Technology of Productivity Improvement	
TECH 6275 (330:275)		Advanced Lean Manufacturing	
Marketing/Management/Technology/Economics (select three of the following):			9
MKTG 6170 (130:263)		Marketing Management	
MGMT 6249 (150:249)		Management Information Systems Concepts	
TECH 6258 (330:258)		Total Quality Management	
TECH 6295 (330:295)		Advanced Management and Supervision Technology	
ECON 6520 (920:260)		Managerial Economics	
Total Hours			15

Technology Education and Training:

Required:

			Hours
Technology:			9
TECH 3168/5168 (330:168g) or TECH 4178/5178 (330:178g)		Technology Training Strategies Contemporary Instruction in Technology Education	
TECH 4195/5195 (330:195g)		Technology and Engineering Education Laboratory Management	
TECH 6294 (330:294)		Technological Evolution and Innovation	

			Hours
Technolog electives:			6
Total Hours			15

Required:

			Hours
Management:			3
MGMT 6260 (150:262)		Strategic Management of Human Resources	
Technology:			6
TECH 6258 (330:258)		Total Quality Management	
TECH 6295 (330:295)		Advanced Management and Supervision Technology	
Management/Technology/Psychology (select two of the following):			6
MGMT 6249 (150:249)		Management Information Systems Concepts	
TECH 6225 (330:225)		Integrated Logistics and Production Operations	
TECH 6250 (330:250)		Technology of Productivity Improvement	
TECH 6294 (330:294)		Technological Evolution and Innovation	
PSYCH 3305/5305 (400:157g)		Industrial Psychology	
PSYCH 3304/5304 (400:158g)		Organizational Psychology	
Total Hours			15

Construction Management:

Required:

			Hours
Technology:			9
TECH 6262 (330:262)		Sustainable/Green Building Construction	
TECH 6265 (330:265)		Risk Analysis and Management in Construction	
TECH 6286 (330:286) [*]			
Technology (select two of the following):			6
TECH 3125/5125 (330:125g)		Commercial and Heavy/ Highway Construction	
TECH 3126/5126 (330:126g)		Land, Route, and Construction Surveying	
TECH 4153/5153 (330:153g)		Construction Project Planning, Scheduling and Controlling	
TECH 4154/5154 (330:154g)		Computerized Construction Estimating	
TECH 4173/5173 (330:173g)		Construction Management	
TECH 4175/5175 (330:175g)		Structural Analysis in Construction	
TECH 4185/5185 (330:185g)		Methods Improvement and Construction Innovations	
Total Hours			15

*   3 hrs. Studies In approved by instructor, advisor, and department.

Electrical Engineering Technology:

Required:

Technology:		12
TECH 4104/5104 (330:104g)	Applied Digital Signal Processing	
TECH 3166/5166 (330:166g)	Advanced Electrical Power Systems	
TECH 6242 (330:242)	Complex Digital System Design	
TECH 6244 (330:244)	Applied Embedded Systems	
Technology electives approved by advisor:		3
Total Hours		15

Graphic Communications:

Required:

Technology:		9
TECH 4194/5194 (330:194g)	Graphic Communications Estimating and Management I	
TECH 6286 (330:286) Studies in, 3 hrs.		
TECH 6294 (330:294)	Technological Evolution and Innovation	
Technology (select two of the following):		6
TECH 3150/5150 (330:150g)	Graphic Communications Imaging	
TECH 3163/5163 (330:163g)	Advanced Digital Pre-Media	
TECH 4158/5158 (330:158g)	Graphic Communications Technical Visualization	
TECH 4161/5161 (330:161g)	Digital Graphic Communications	
Total Hours		15

Manufacturing Materials:

Required:

Technology:		9
TECH 3132/5132 (330:132)	Metallurgy and Phase Transformation	
TECH 6231 (330:231)	Thermodynamics of Material Processing	
TECH 6235 (330:235)	Material Transformations and Modeling	
Technology/Mathematics/Physics (select two of the following):		6
TECH 3188/5188 (330:188g)	Nanotechnology Fabrication	
MATH 3440/5440 (800:176g)	Numerical Analysis	
PHYSICS 4200/5200 (880:144g)	Introduction to Nanoscience and Nanotechnology	

PHYSICS 4210/5210 (880:148g)	Intermediate Nanoscience and Nanotechnology	
Total Hours		15

Manufacturing Technology:

Required:

Technology:		9
TECH 6250 (330:250)	Technology of Productivity Improvement	
TECH 6273 (330:273)	Machining Process Planning	
TECH 6275 (330:275)	Advanced Lean Manufacturing	
Marketing/Management/Technology/Economics (select two of the following):		6
MKTG 6170 (130:263)	Marketing Management	
MGMT 6249 (150:249)	Management Information Systems Concepts	
TECH 6258 (330:258)	Total Quality Management	
TECH 6295 (330:295)	Advanced Management and Supervision Technology	
ECON 6520 (920:260)	Managerial Economics	
Total Hours		15

Technology Education and Training:

Required:

Technology:		12
TECH 3168/5168 (330:168g)	Technology Training Strategies	
or TECH 4178/5178 (330:178g)	Contemporary Instruction in Technology Education	
TECH 4195/5195 (330:195g)	Technology and Engineering Education Laboratory Management	
or TECH 6291 (330:291)	Technical Program Development	
TECH 6290 (330:290)	Training and Development in Industrial Technology	
TECH 6294 (330:294)	Technological Evolution and Innovation	
Technology/Psychology (select one of the following):		3
INSTTECH 6245 (240:245)	Applying Instructional Design	
PSYCH 6302 (400:232)	Training and Instructional Design	
Total Hours		15

Technology Management Certificate (undergraduate)

Required:

Technology:		18
TECH 1065 (330:065)	Technology in Society and Organizations	
TECH 3131/5131 (330:131g)	Technical Project Management	
TECH 3142 (330:142)	Statistical Quality Control [*]	

TECH 3143	Managing Operations and Manufacturing Systems [*]	
TECH 3196 (330:196)	Industrial Safety	
TECH 4187/5187 (330:187g)	Applied Industrial Supervision and Management	

Total Hours   18

[*]   TECH 3142 (330:142) and TECH 3143 have prerequisites of MATH 1140 (800:046) Precalculus or MATH 1150 (800:048) Calculus for Technology or MATH 1420 (800:060) Calculus I or STAT 1772 (800:072) Introduction to Statistical Methods.

Department of Theatre

(College of Humanities, Arts and Sciences)

www.uni.edu/theatre

The Department of Theatre offers the following undergraduate programs. Specific requirements for these programs are listed within this Department of Theatre section in the following order:

Undergraduate Majors (B.A.)

- Communication-Theatre-Teaching (also listed in Department of Communication Studies)
- Theatre

Minors

- Communication-Theatre-Teaching (also listed in Department of Communication Studies)
- Theatre

Majors

1. Students may indicate their interest in majoring in theatre any time after their admission to UNI. Formal indication of interest shall be made via the Declaration of Curriculum form. Declared students will be assigned an advisor in the department. (For freshmen, this shall be a freshman advisor.)

2. A student's freshman year shall be devoted primarily to course work in the Liberal Arts Core and Foundations of Theatre (with lab), Stagecraft: Scenery/Lights or Stagecraft: Costumes, Introduction to Reading Playscripts, and Body, Voice, Awareness.

3. Students must maintain a minimum cumulative GPA of 2.50 in order to be eligible to participate in productions after practicum course work requirements are completed.

4. Transfer students entering UNI with an associate arts (A.A.) degree will be admitted to major status if their cumulative GPA is 2.50 or better and upon the condition that the requirements of COMM 1000 (48C:001) (Oral Communication) and ENGLISH 1005 (620:005) /ENGLISH 2015 (620:015) /ENGLISH 2120 (620:034) were satisfied at their junior/ community colleges. Transfer students will take THEATRE 1010 (490:010) Foundations of Theatre and THEATRE 1011 (490:011) Foundations of Theatre Lab during their first semester at UNI as part of the transfer orientation process.

5. Transfer students entering UNI without an A.A. degree will be subject to the admissions standards requirements of students beginning their higher education studies at UNI, i.e. #1 and 2.

Minors

1. Admission to a Theatre minor requires a Declaration of Curriculum form and consultation with the department office.

Bachelor of Arts Degree Programs
Communication-Theatre-Teaching Major

The Communication-Theatre-Teaching major requires a minimum of 121 total hours to graduate. This total includes Liberal Arts Core requirements, the Professional Education Requirements, and the following specified major requirements to complete the minimum of 121 hours.

The teaching major in communication and theatre is offered jointly by the Departments of Communication Studies and Theatre.

Required

Communication:		
COMM 2256 (48C:011)	Performing Texts	3
COMM 2257 (48C:074)	Argumentation and Debate	3
COMM 2344 (48C:004)	Interpersonal Communication	3
COMM 2555 (48C:025)	Interactive Digital Communication	3
COMM 4355/5355 (48C:141g)	Listening	3
COMM 4559/5559 (48C:187g)	Methods of Teaching Speech	3
COMM DM 1611	Media Literacy	3
Theatre:		
COMM 2455 (48C:015)	Skills for Making Performance [^]	3
OR		
THEATRE 1010 (490:010)	Foundations of Theatre (THEATRE 1010 is a co-requisite with THEATRE 1011)	
THEATRE 1012 (490:015)	Stagecraft: Scenery/Lights [*]	3
THEATRE 1030 (490:024)	Acting [*]	3
THEATRE 3020 (490:138)	Playscript Analysis and Interpretation [*]	3
THEATRE 3070 (490:136)	History of the Theatre II	3
THEATRE 3115 (490:109)	Methods of Teaching Drama and Theatre	3
THEATRE 3160 (490:161)	Directing	3
Applied Activity Option: [**]		
Select 3 of the following:		3
COMM 1940 (48C:091) & COMM 3940 (48C:191)	Applied Forensics and Advanced Applied Forensics (each course is 1 hr.) [**]	

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COMM 1941 (48C:093) & COMM 3941 (48C:193)	Applied Performance Studies and Advanced Applied Performance Studies (each course is 1-2 hrs.) **	
THEATRE 1011 (490:011)	Foundations of Theatre Lab (1 hr.) This course is a co-requisite for THEATRE 1010	
THEATRE 2050 (490:050)	Theatre Practicum (1 hr.) **	
Electives		
Select one of the following:		3
COMM 2255 (48C:071)	Public Speaking (3 hrs.)	
COMM 2456	Performance of Popular Culture (3 hrs.)	
COMM 4218 (48C:178)	Persuasion (3 hrs.)	
COMM 4322/5322 (48C:144g)	Advanced Interpersonal Communication (3 hrs.)	
COMM 4411/5411 (48C:122g)	Language and Communication (3 hrs.)	
COMM 4447/5447 (48C:108g)	Performance and Social Change (3 hrs.)	
COMM 4448/5448 (48C:110g)	Cultural Performance (3 hrs.)	
COMM COR 1010 (48J:002)	Mass Communication and Society (3 hrs.)	
COMM DM 1651	Digital Media Production I	
COMM PR 1811 (48P:005)	Principles of Public Relations (3 hrs.)	
THEATRE 1020 (490:020)	Introduction to Reading Playscripts (3 hrs.)	
THEATRE 3000 (490:101)	Creative Drama (3 hrs.)	
THEATRE 3050/5050 (490:151g)	Theatre Production (1-4 hrs.)	
THEATRE 3080/5080 (490:137g)	Advanced Theatre Studies (3 hrs.)	
THEATRE 3180/5180 (490:155g)	Theatre Management (3 hrs.)	
Total Hours		48

Other courses are available consult with your advisor.

*   These three courses may be taken in any sequence; all prerequisites for THEATRE 3160 (490:161).

**   Students may take any combination of the three Applied Activity courses. Any of the courses can be repeated up to three times. Activities for Communication-Theatre majors include UNI Theatre, UNI Interpreters Theatre, Sturgis Youth Theatre, SAVE (Students Advocating for Voices and Equality) Forum Actors, and UNI Forensics.

For the LAC Category Fine Arts requirement (Category 3A) we recommend that Communication-Theatre Education majors take THEATRE 1002 (490:002) The Theatrical Arts and Society (3 hours).
For the LAC Capstone Experience (Category 6), we recommend that Communication-Theatre Education majors take THEATRE 3100 (490:106) /CAP 3106 (CAP:106) Theatre in Education (3 hours).

Theatre Major

The Theatre major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements*, the major requirements for one of the three Theatre major options as defined below, and university electives to total 120 hours.

*   THEATRE 3060 may substitute for the Fine Arts requirements for all theatre majors, 3 hours in the Liberal Arts Core, Category 3A.

Theatre Major options:

Theatre Major with a Performance emphasis (Theatre core plus 24 hours Performance emphasis requirements)

Theatre Major with a Design and Production emphasis (Theatre core plus 25 hours Design and Production emphasis requirements)

Theatre Major with a Drama and Theatre for Youth emphasis (Theatre core plus 24 hours Drama and Theatre for Youth emphasis requirements)

Theatre core requirements

Theatre:

THEATRE 1010 (490:010)	Foundations of Theatre	3
THEATRE 1011 (490:011)	Foundations of Theatre Lab	1
THEATRE 1012 (490:015)	Stagecraft: Scenery/Lights	3
THEATRE 1015 (490:016)	Stagecraft: Costumes	3
THEATRE 1020 (490:020)	Introduction to Reading Playscripts	3
THEATRE 1030 (490:024)	Acting	3
THEATRE 2050 (490:050)	Theatre Practicum (3 required-ONE may be in performance)	3
THEATRE 3000 (490:101)	Creative Drama	3
THEATRE 3020 (490:138)	Playscript Analysis and Interpretation	3
THEATRE 3060 (490:135)	History of the Theatre I	3
THEATRE 3070 (490:136)	History of the Theatre II	3
THEATRE 3160 (490:161)	Directing	3
Total Hours		34

Requirements for the three options are as follows:

Performance Emphasis

Required		
Theatre core		34
Theatre:		
THEATRE 1025	Body, Voice, Awareness	3

THEATRE 2030 (490:027)	Auditioning and the Business of Acting	3
THEATRE 3002 (490:121)	Movement for the Actor	3
THEATRE 3003 (490:122)	Vocal Production for the Actor	3
THEATRE 3120/5120 (490:126g)	Acting Styles	3
THEATRE 3125/5125 (490:127g)	Acting Studio (two required)	6
Departmental electives (3 hours selected from departmental electives below)		3
Total Hours		58

Design and Production Emphasis

Required

Theatre core		34
Theatre:		
THEATRE 2040 (490:040)	Design Elements for Theatre	3
THEATRE 3050/5050 (490:151g)	Theatre Production	1
THEATRE 3138	Production Techniques: Drafting and Pattern Development	3
THEATRE 3139 (490:140)	Production Techniques: Scene Painting and Makeup	3
THEATRE 3140 (490:141)	Design: Sets	3
THEATRE 3145 (490:142)	Design: Lights	3
THEATRE 3150 (490:143)	Design: Costumes	3
Departmental electives (6 hours selected from departmental electives below)		6
Total Hours		59

Drama and Theatre for Youth Emphasis

Required

Theatre core		34
Theatre:		
THEATRE 3100/CAP 3106 (CAP:106)	Theatre in Education	3
THEATRE 3110/5110 (490:104g)	Theatre for Youth	3
THEATRE 3115 (490:109)	Methods of Teaching Drama and Theatre	3
Electives from within Theatre Department		3
Electives outside Theatre Department (chosen in consultation with advisor)		3
Departmental electives (6 hours selected from departmental electives below)		6
Total Hours		55

Departmental Electives:

Select 6 hours from the following departmental electives:

THEATRE 2055 (490:056)	Devised Theatre	3
THEATRE 2060	Production Studies	3

THEATRE 3080/5080 (490:137g)	Advanced Theatre Studies	3
THEATRE 3155/5155 (490:144g)	Topics in Theatre Design and Production	3
THEATRE 3190/5190 (490:157g)	Stage Management	3
THEATRE 3195/5195 (490:168g)	Playwriting	3
		1-6
		1-6

Minors

See admission requirements for Theatre minors.

Communication-Theatre-Teaching Minor

The Communication-Theatre-Teaching minor is offered jointly by the Departments of Communication Studies and Theatre.

Required

COMM 2255 (48C:071)	Public Speaking	3
COMM 2256 (48C:011)	Performing Texts	3
COMM 2257 (48C:074)	Argumentation and Debate	3
COMM DM 1611	Media Literacy	3
THEATRE 3160 (490:161)	Directing	3
COMM 4559/5559 (48C:187g)	Methods of Teaching Speech	3
or THEATRE 3115 (490:109)	Methods of Teaching Drama and Theatre	
Electives (Select 6 hours)		6
COMM 1940 (48C:091) & COMM 3940 (48C:191)	Applied Forensics and Advanced Applied Forensics [*]	
COMM 1941 (48C:093) & COMM 3941 (48C:193)	Applied Performance Studies and Advanced Applied Performance Studies [*]	
COMM 2455 (48C:015)	Skills for Making Performance	
THEATRE 1010 (490:010) & THEATRE 1011 (490:011)	Foundations of Theatre and Foundations of Theatre Lab [**]	
THEATRE 1030 (490:024)	Acting [**]	
THEATRE 2050 (490:050)	Theatre Practicum [*]	
Total Hours		24

[*]   Any of these courses can be repeated up to three times.

[**]   These classes must be taken before THEATRE 3160 (490:161).

Theatre Minor

Required

Theatre core:		

THEATRE 1010 (490:010)	Foundations of Theatre	3
THEATRE 1011 (490:011)	Foundations of Theatre Lab	1
THEATRE 1012 (490:015) or THEATRE 1015 (490:016)	Stagecraft: Scenery/Lights Stagecraft: Costumes	3
THEATRE 1020 (490:020)	Introduction to Reading Playscripts	3
THEATRE 1030 (490:024)	Acting	3
THEATRE 2050 (490:050)	Theatre Practicum (2 required - ONE may be in performance)	2
A minimum of 9 credit hours in theatre selected from the list below and approved by the department		9
Total Hours		24

Theatre Electives (9 hrs. required)

THEATRE 1025	Body, Voice, Awareness	3
THEATRE 2040 (490:040)	Design Elements for Theatre	3
THEATRE 2055 (490:056)	Devised Theatre	3
THEATRE 3000 (490:101)	Creative Drama	3
THEATRE 3020 (490:138)	Playscript Analysis and Interpretation	3
THEATRE 3060 (490:135)	History of the Theatre I	3
THEATRE 3070 (490:136)	History of the Theatre II	3
THEATRE 3080/5080 (490:137g)	Advanced Theatre Studies	3
THEATRE 3110/5110 (490:104g)	Theatre for Youth	3
THEATRE 3160 (490:161)	Directing	3
THEATRE 3170 (490:170)	Senior Project	3
THEATRE 3195/5195 (490:168g)	Playwriting	3
THEATRE 3199/5199 (490:199)	Study Tour	1-6
THEATRE 3200/5200 (490:158g)	Internship	1-8

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