

University of Northern Iowa

Programs and Courses Catalog
2012-2014



**University of
Northern
Iowa**

Catalog Home

2012-2014 Catalog

- effective May 1, 2012
- published Summer 2012

This University of Northern Iowa catalog is a two-year publication. It contains general information regarding fees, related policies and procedures, and curriculum requirements.

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.

Table of Contents

List of Programs by Department	4	Iowa Teacher Intern License Pathway (ITILP)	134
Department of Accounting	9	Department of Languages and Literatures	135
Applied Human Sciences, School of	12	Department of Management	156
Department of Art	20	Department of Marketing	160
Department of Biology	26	Department of Mathematics	163
Department of Chemistry and Biochemistry	34	Department of Military Science	171
.....		School of Music	172
Department of Communication Sciences and		Department of Philosophy and World Religions	187
Disorders	38	
Department of Communication Studies	40	Department of Physics	189
Department of Computer Science	59	Department of Political Science	191
Department of Curriculum and Instruction	62	Department of Psychology	197
.....		Science Education	202
Department of Earth Science	73	Social Science	205
Department of Economics	74	Department of Social Work	212
Department of Educational Leadership and		Department of Sociology, Anthropology, and	
Postsecondary Education	76	Criminology	214
Department of Educational Psychology and		Special Education	220
Foundations	81	Teaching	223
Department of Finance	84	Department of Technology	224
Department of Geography	88	Theatre	234
School of Health, Physical Education, and		Index	238
Leisure Services	91		
Department of History	107		
Interdisciplinary Majors, Minors and Program			
Certificates	110		
Bachelor of Arts Degree and Minor Programs	111		
Master of Arts Degree Programs	125		
Program Certificates	129		
College of Business Administration	129		
College of Humanities, Arts and Sciences and College			
of Social and Behavioral Sciences	131		
College of Humanities, Arts and Sciences	132		
College of Social and Behavioral Sciences	133		
Iowa Lakeside Laboratory	134		

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**
 - 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 and Systematics 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
 - Chemistry-Marketing (also listed in Department of Marketing)
- **Minors**
 - Chemistry
 - Chemistry-Teaching

Department of Communication Sciences and Disorders

- **Undergraduate Major (B.A.)**
 - Communicative 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/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
 - Certificate in Software Testing

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.)**
 - Curriculum and Instruction: Instructional Technology
 - Performance and Training Technology
 - School Library Studies
- **Graduate Majors (M.A.E.)**
 - Curriculum and Instruction: Early Childhood Education

- Curriculum and Instruction: Elementary Education
- Curriculum and Instruction: Literacy Education
- **Graduate Major (Ed.D.)**
 - Doctor of Education: Curriculum and Instruction intensive study area
- **Program Certificate**
 - Instructional Technology Facilitator Certificate

Department of Earth Science

- **Undergraduate Majors (B.A.)**
 - Earth Science
 - Earth Science-Teaching
- **Minors**
 - Earth Science
 - Earth Science-Teaching

Department of Economics

- **Undergraduate Major (B.A.)**
 - Economics
- **Minor**
 - Economics-Liberal Arts

Department of Educational Leadership and Postsecondary Education

- **Graduate Majors (M.A.E.)**
 - Postsecondary Education: Student Affairs
 - 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

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

List of Programs by Department

- 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**
 - Certificate in Cartography and Geographic Information Systems (GIS)

School of Health, Physical Education, and Leisure Services

- *Division of Athletic Training*
 - **Undergraduate Major (B.A.)**
 - 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 Certificate
 - Certificate in Global Health and Health Disparities
- *Division of Physical Education*
 - **Undergraduate Majors (B.A.)**
 - Movement and Exercise Science
 - Physical Education-Teaching
 - **Minors**
 - Coaching

- Physical Education-Elementary Teaching (also listed in Department of Curriculum and Instruction)

- **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

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

- **Program Certificates**
 - Aquatics Specialization Certificate
 - Nonprofit Management Certificate
 - Outdoor Recreation Certificate
 - School-Age Care Leadership Certificate
 - Tourism Certificate

Department of History

- **Undergraduate Majors (B.A.)**
 - History-Liberal Arts
 - History-Teaching
- **Minor**
 - History
- **Graduate Major (M.A.)**
 - History
- **Program Certificate**
 - Certificate in 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
- Women's and Gender Studies Minor
- **Graduate Majors (M.A.)**
 - Philanthropy and Nonprofit Development
 - Women's and Gender Studies
- **Graduate Major (M.B.A.)**
 - Master of Business Administration
- **Graduate Majors (M.P.P.)**
 - Master of Public Policy
 - Accelerated Master of Public Policy
- **Program Certificates**
 - Certificate in International Business, Culture, and Language
 - Certificate in Leadership Foundations
 - Conflict Resolution Certificate
 - Graduate Certificate in Women's and Gender Studies

Iowa Lakeside Lab

Iowa Teacher Intern License Pathway (ITILP) - Answering the Call to Teach

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
 - Spanish
 - Spanish-Teaching
 - 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**
 - Certificate in French Language Studies
 - Certificate in German Language Studies
 - Certificate in Hispanic and Portuguese Studies
 - Certificate in Hispanic Cultures
 - Certificate in International Commerce
 - Certificate in Portuguese Studies
 - Certificate in Post-Colonial and Multicultural Literary Studies
 - Certificate in Russian Language Studies
 - Certificate in Spanish Language Studies
 - Certificate in Spanish for Special Purposes
 - Certificate in Teaching English to Speakers of Other Languages
 - Certificate in Translation: Spanish

Department of Management

- **Undergraduate Majors (B.A.)**
 - Management
 - Management Information Systems
 - Business Teaching
- **Minors**
 - General Business Concepts
 - Organizational Leadership

Department of Marketing

- **Undergraduate Majors (B.A.)**
 - Chemistry-Marketing (also listed in Department of Chemistry and Biochemistry)
 - 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

List of Programs by Department

- Mathematics
- Secondary Teaching
- Community College Teaching

- Mathematics for the Middle Grades (4-8)

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

- **Program Certificate**
 - Continuous Quality Improvement Certificate

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

Department of Political Science

- **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

- **Program Certificates**
 - Certificate in International Peace and Security
 - Certificate in 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 Certificate

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
- **Graduate Major (M.S.W.)**
 - Social Work
- **Program Certificates**
 - Social Work Certificate
 - Substance Abuse Counseling Certificate

Department of Sociology, Anthropology, and Criminology

- **Undergraduate Majors (B.A.)**
 - Anthropology
 - Criminology
 - Sociology
- **Minors**
 - Anthropology
 - Criminology
 - Sociology
- **Program Certificates**
 - Certificate in Crime Mapping and Analysis
 - Certificate in Sociology of Inequality
 - Certificate in Sociology of Family and Life Course
 - Certificate in Sociology of Gender and Culture
 - Certificate in Sociology of Race/Ethnicity and Immigration

Department of Special Education

- **Minors**
 - Early Childhood Special Education-Teaching
 - Special Education-Teaching
 - 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
 - Teacher of Students With Visual Impairments
- **Graduate Major (Ed.D.)**
 - Doctor of Education: Special Education intensive study area

Department of Teaching

The Department of Teaching is responsible for the administration of multi-faceted programs of the Office of Student Field Experiences (OSFE).

Department of Technology

- **Undergraduate Majors (B.S.)**
 - Construction Management
 - Electrical Engineering Technology (EET)
 - Manufacturing Technology
- **Undergraduate Majors (B.A.)**
 - Graphic Technologies
 - Technology Education - Teaching
 - 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.T.)**
 - Doctor of Technology
- **Program Certificates**
 - Advanced Technology Certificate
 - Technology Management Certificate

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

List of Programs by Department

requirements before they can officially declare their major. A copy of the Admission, Retention, and Graduation Policy may be obtained from UNIBusiness 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 UNIBusiness 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)	Freshman Seminar for Business Professionals	0
BUSINESS 2000 (100:020)	Business Professional 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

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 4032/5032 (120:141g)	Advanced Cost 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

Students interested in this program must submit a completed Application for Admission to Graduate Study and should contact the Department of Accounting for any other admission 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. 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, there can be no more than 12 credit hours of UNI 100g/5000-level (also refer to new number system) courses included in the program of study and 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	

List of Programs by Department

ACCT 4065/5065 (120:145g)	Principles of Fraud Examination
ACCT 4070/5070 (120:139g)	Government and Not-for-Profit Accounting
ACCT 6032 (120:263)	Cost Management
ACCT 6052 (120:242)	Advanced Tax Topics
ACCT 6060 (120:240)	Advanced Auditing
ACCT 6090 (120:269)	Graduate Internship in Accounting
ACCT 6092 (120:280)	Topics in Accounting
ACCT 6285 (120:285)	Individual Readings
ACCT 6289 (120:289)	Seminar in Contemporary Issues in Accounting
ACCT 6299 (120:299)	Research
Communications:	
MGMT 3914/5914 (150:114g)	Communication Management
Ethics:	
MGMT 3974/5974 (150:174g)	Ethics in Business
International Business:	
MKTG 3176/5176 (130:177g)	Global Marketing
FIN 3032/5032 (160:158g)	International Financial Management
ECON 3245/5245 (920:136g)	International Economics
ECON 3261/5261 (920:175g)	International Financial Economics
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
POL AMER 4153/5153 (942:153g)	Public Organizations
POL AMER 4173/5173 (942:173g)	The Public Policy Process
HIST 6020 (960:225)	History and U.S. Public Policy
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:	21
FAM SERV 1010 (31F:010)	Human Identity and Relationships
FAM SERV 1020 (31F:020)	Family Relationships
FAM SERV 1030 (31F:030)	Research Methods in Family Science
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)	Introduction to Research Methods
COMM 4021/5021 (48C:180g)	Quantitative Research Methods

List of Programs by Department

or SOC 2010 (980:108)	Research Methods	
FAM SERV 1055 (31F:055)	Human Growth and Development *	
or another developmental course such as PSYCH 2202 (400:120)		
FAM SERV 1057 (31F:057)	Human Relationships and Sexuality	
FAM SERV 2060 (31F:060)	Strategies and Issues in Family Services	
FAM SERV 4178 (31F:178)	Family Life Education	
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 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 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 & Related Dementias	
or GERO 3161/5161	Families, Alzheimer's & 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 Differences	
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 4142/5142 (450:142g)	Working With Racial and Ethnic Minorities	
SW 4163/5163 (450:163g)	Minority Group Relations	
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).

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

List of Programs by Department

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

Select three of the following gerontology core courses:

School of Applied Human Sciences

FAM SERV 3150/5150
(31F:150g) Families and Aging

Psychology: *

PSYCH 3204/5204 Psychology of Aging
(400:173g)

Health Promotion and Education: *

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

Sociology: *

SOC 3035/5035 Social Gerontology
(980:125g)

Research Methods 3-4

Choose one of the following research methods courses:

School of Applied Human Sciences:

FAM SERV 1030 Research Methods in Family
(31F:030) Science

Leisure, Youth and Human Services:

LYHS 4070/5070 Research and Evaluation in
(430:169g) Leisure, Youth and Human
Services

Psychology:

PSYCH 3002 Research Methods
(400:101)

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 Management of Family
(31F:077) Resources

FAM SERV 4153/5153 Family Relationships in Crisis
(31F:153g)

FAM SERV 3162/5162 Issues in Family Policy
(31F:162g)

GERO 3161/5161 Families, Alzheimer's &
Related Dementias

or FAM SERV 3161/5161 Families, Alzheimer's & Related Dementias

Development courses: 3

Choose one of the following Development courses:

School of Applied Human Sciences:

FAM SERV 1055 Human Growth and
(31F:055) Development

Psychology:

PSYCH 2202 Developmental Psychology
(400:120)

Ethics courses: 3

Choose one of the following Ethics courses:

World Religions/Philosophy:

RELS/PHIL 3510/CAP 3173 Bio-Medical Ethics
(CAP:173)

PHIL 3500 Ethics
(650:142)

RELS/PHIL 3110/CAP 3194 Perspectives on Death and
(CAP:194) Dying

Communication Studies

COMM 4236 Ethics in Communication
(48C:128)

Gerontology elective courses: 9

Choose three of the following Gerontology courses:

Social Work:

SW 4173/5173 Social Services for Older
(450:173g) Adults

Sociology:

SOC 3065/5065 Health, Illness, and Dying
(980:118g)

Anthropology:

ANTH 3102/5102 Culture, Disease, and Healing
(990:168g)

ANTH 3202/5202 Human Biological Variation
(990:152g)

World Religions/Philosophy:

RELS/PHIL 3110/CAP 3194 Perspectives on Death and
(CAP:194) Dying

Health Promotion and Education:

HPE 3110 (410:110) Introduction to Epidemiology

HPE 4353/5353 Public Health Theory and
(410:153g) Application

Communication Sciences and Disorders:

CSD 1000 Understanding
(51C:006) Communication Disorders

School of Applied Human Sciences:

INTDSGN 3129 Interior Design Standards
(31I:129)

Communication Studies:

COMM 4116/5116 Health Communication
(48C:138g)

Gerontology:

GERO 3161/5161 Families, Alzheimer's &
Related Dementias

or FAM SERV 3161/5161 Families, Alzheimer's & Related Dementias

Internship 4

Senior Seminar, Gerontology:

GERO 4193 Internship Seminar (1 hr.)
(31G:193)

and one of the following (3 hrs.):

School of Applied Human Sciences:

GERO 4195 Internship in Gerontology
(31G:195) (Social Sciences track section)

OR

Health Promotion and Education:

HPE 4768 (410:168) Field Experience in Health
Promotion

OR	
Sociology:	
SOC 3100/5100 (980:184g)	Theory and Practice in Applied Settings
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 Principles of Financial Accounting (120:030)

ACCT 2130 Principles of Managerial Accounting (120:031)

Select at least one of the following from business group 2

Management:

MGMT 3100 Legal and Social Environment of Business (150:100)

MGMT 3101 Business Law (150:101)

MGMT 3905/5905 Employment and Labor Law (150:105g)

MGMT 3153 Organizational Management (150:153)

MGMT 3966/5966 Staffing and Employee Development (150:166g)

Gerontology core 9

Select three of the following from Gerontology core

School of Applied Human Sciences:

FAM SERV Families and Aging 3150/5150 (31F:150g)

GERO 3161/5161 Families, Alzheimer's & Related Dementias
or FAM SERV Families, Alzheimer's & Related Dementias 3161/5161

Psychology:

PSYCH 3204/5204 Psychology of Aging (400:173g)

Health Promotion and Education:

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

Sociology:

SOC 3035/5035 Social Gerontology (980:125g)

Required Health Care Administration 5

School of Applied Human Sciences:

GERO 4170/5170 Long Term Care Administration (31G:170g)

Health Promotion and Education:

HPE 2160 (410:060) Medical Terminology

Health Care Administration electives (minimum 7 hours): 7

Social Work:

SW 4172/5172 Human Services Administration (450:172g)

SW 4173/5173 Social Services for Older Adults (450:173g)

Health Promotion and Education:

HPE 1101 (410:005) Introduction to Public Health

HPE 3110 (410:110) Introduction to Epidemiology

HPE 4164/5164 Health Care and the Consumer (410:164g)

HPE 4353/5353 Public Health Theory and Application (410:153g)

HPE 4186/5186 Guided Independent Study course "Medical Terminology for the Medical Professions, 2 hrs.

Communication Studies:

COMM 4116/5116 Health Communication (48C:138g)

Internship ^^ 10-12

Students complete the seminar and either internship:

Senior Seminar School of Applied Human Sciences:

GERO 4193 Internship Seminar (31G:193)

or HPE 3693 Internship Seminar (410:193)

School of Applied Human Sciences:

GERO 4195 Internship in Gerontology (Long Term Care track section) (31G:195)

OR

Health Promotion and Education:

HPE 4768 (410:168) Field Experience in Health Promotion

OR

Internship School of Applied Human Sciences:

GERO 4195 Internship in Gerontology (Long Term Care track) (31G:195)

OR

Health Promotion and Education:

HPE 4768 (410:168) Field Experience in Health Promotion

OR

Sociology:

SOC 3100/5100 Theory and Practice in Applied Settings (980:184g)

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

List of Programs by Department

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 1061 (31I:061)	Design Foundations	3
INTDSGN 1063 (31I:063)	Drafting I	3
INTDSGN 1067 (31I:067)	History of Interiors I	3
INTDSGN 2024 (31I:066)	Design I	4
INTDSGN 2063 (31I:064)	Drafting II	3
INTDSGN 2067 (31I:068)	History of Interiors II	3
INTDSGN 2125 (31I:125)	Design II	4
INTDSGN 3065 (31I:075)	Computer Applications for Interior Design	3
INTDSGN 3126 (31I:126)	Design III	4
INTDSGN 3127 (31I:127)	Design IV	4
INTDSGN 3128 (31I:128)	Design V	4
INTDSGN 3129 (31I:129)	Interior Design Standards	2
INTDSGN 3164 (31I:164)	Professional Practice of Interior Design	2
INTDSGN 3165	Professional Preparation in Interior Design	1
INTDSGN 4184/5184 (31I:184g)	Topics in Interior Design	2
INTDSGN 4195 (31I:195)	Internship in Interior Design	4
TEXDSGN 1002 (31T:013)	Introduction to Textile Materials	3
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing	3
Management:		
MGMT 2080 (150:080)	Introduction to Information Systems	3
Economics:		
ECON 1031 (920:024)	Introduction to Economics	3
Select one of the following:		
Accounting:		
ACCT 2120 (120:030)	Principles of Financial Accounting	
Marketing:		

MKTG 3113/5113 (130:106g)	Consumer Behavior	
MKTG 3143 (130:150)	Advertising and Promotion	
MKTG 3153 (130:153)	Personal Selling	
MKTG 3156 (130:178)	Services Marketing	
MKTG 3166 (130:166)	Retail Management	
Management:		
MGMT 3153 (150:153)	Organizational Management	
Total Hours		64

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 1001 (31T:020)	Introduction to the Textile and Apparel Industry	3
TEXDSGN 1002 (31T:013)	Introduction to Textile Materials	3
TEXDSGN 1003 (31T:012)	Creative Textile and Apparel Design Foundations	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)	Apparel Product Development, Planning and Design	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 1017 (31T:015)	Multicultural Aspects of Apparel Design	
TEXDSGN 2005 (31T:121)	Fashion Promotion	

List of Programs by Department

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	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)	Introduction to 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 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 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 & Related Dementias	
or FAM SERV 3161/5161	Families, Alzheimer's & 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

List of Programs by Department

Communication Sciences and Disorders:	
CSD 1000 (51C:006)	Understanding Communication Disorders
Communication Studies:	
COMM 4116/5116 (48C:138g)	Health Communication
Health Promotion and Education:	
HPE 3110 (410:110)	Introduction to Epidemiology
HPE 4353/5353 (410:153g)	Public Health Theory and Application *
School of Applied Human Sciences:	
INTDSGN 3129 (31I:129)	Interior Design Standards
Social Work:	
SW 4173/5173 (450:173g)	Social Services for Older Adults *
Sociology:	
SOC 3065/5065 (980:118g)	Health, Illness, and Dying *
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.
- SOC 3065/5065 (980:118g) has a prerequisite of SOC 1000 (980:001) and junior standing.
- 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

Liberal Arts Core courses included in minor program requirements are distinguished by *italics*.

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

Required

Textile and Apparel:		
TEXDSGN 1001 (31T:020)	Introduction to the Textile and Apparel Industry	3
TEXDSGN 1002 (31T:013)	Introduction to Textile Materials	3
TEXDSGN 1003 (31T:012)	Creative Textile and Apparel Design Foundations	3
TEXDSGN 2007 (31T:014)	Apparel Design and Evaluation	3

Electives from the following:

Textile and Apparel:		
TEXDSGN 1017 (31T:015)	Multicultural Aspects of Apparel Design	
TEXDSGN 2004 (31T:116)	History of Costume	
TEXDSGN 2005 (31T:121)	Fashion Promotion	
TEXDSGN 2006 (31T:011)	Computer Textile and Apparel Design Foundations	

List of Programs by Department

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)	Apparel Product Development, Planning and Design	
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

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)

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	3
Educational Psychology:		
EDPSYCH 6214 (200:214)	Foundations of Instructional Psychology	3
Electives:		3

Total hours for Counseling: School Counseling Emphasis non-thesis option (CACREP required 48 credits)

Additional requirement for thesis option:

COUN 6299 (290:299)	Research	6
Total hours for Counseling: School Counseling Emphasis thesis option		57

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**. The **thesis option** requires an additional 6 hours of COUN 6299 (290:299) 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

Department of Art

(College of Humanities, Arts and Sciences)

www.uni.edu/artdept

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 that provides the art major 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.

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)	Survey of Art History I	3
or ARTHIST 1222 (600:041)	Survey of Art History II	
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
ART 2080	Printmaking I: Strategies

Group 2: 3-D studio distribution (select two of the following)

ART 2020 (600:050)	Ceramics I
ART 2040 (600:074)	Jewelry Design and Metalsmithing 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 3040 (600:124)	Jewelry Design and Metalsmithing 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	

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, jewelry design and metalsmithing, 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, jewelry design and metalsmithing, 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
ART 2080	Printmaking I: Strategies

Group 2: 3-D studio distribution (select one of the following)

ART 2020 (600:050)	Ceramics I
ART 2040 (600:074)	Jewelry Design and Metalsmithing I
ART 2060 (600:060)	Performance Art I
ART 2090 (600:037)	Sculpture I

Studio distribution plus choose one course from the following 3

List of Programs by Department

ART 3020 (600:161)	Ceramics II	
ART 3030 (600:125)	Graphic Design II	
ART 3040 (600:124)	Jewelry Design and Metalsmithing 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), graphic design, jewelry design and metalsmithing, 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	
ART 2080	Printmaking I: Strategies	
Group 2: 3-D studio distribution (select one of the following)		
ART 2020 (600:050)	Ceramics I	

ART 2040 (600:074)	Jewelry Design and Metalsmithing 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)	Art History Ancient Greek	
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 4600/5600 (600:147g)	Asian Art	
ARTHIST 4602/5602 (600:149g)	Indian Art	
ARTHIST 4604/5604 (600:150g)	Japanese Art	

ARTHIST 4606/5606 (600:156g)	Chinese Art	
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	
Foreign Language (in addition to the foreign language competency requirement)		6-10
Total Hours		57-61

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

Students electing an emphasis in Art History must also complete four college-level semesters of a foreign language.

Art Education Major-Teaching

The Art Education-Teaching major requires a minimum of 127 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 127 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

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	
ART 2080	Printmaking I: Strategies	

Group 2: 3-D studio distribution (select two of the following)		
ART 2020 (600:050)	Ceramics I	
ART 2040 (600:074)	Jewelry Design and Metalsmithing 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, jewelry design & metalsmithing, 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

Group 1: 2-D studio distribution (select one of the following)		
ART 2050 (600:080)	Painting I	
ART 2070 (600:032)	Creative Photography I	
ART 2080	Printmaking I: Strategies	

List of Programs by Department

Group 2: 3-D studio distribution (select one of the following)

ART 2020 (600:050)	Ceramics I	
ART 2040 (600:074)	Jewelry Design and Metalsmithing I	
ART 2060 (600:060)	Performance Art I	
ART 2090 (600:037)	Sculpture I	
Select one course from the following		3
ART 3020 (600:161)	Ceramics II	
ART 3040 (600:124)	Jewelry Design and Metalsmithing 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	
All studio distribution courses must be taken outside the student's area of concentration.		
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 two courses from the following major electives):		6
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	
Studio elective		3
Total Hours		48

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)	Survey of Art History I	3
or ARTHIST 1222 (600:041)	Survey of Art History II	

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 2040 (600:074)	Jewelry Design and Metalsmithing I	
ART 2050 (600:080)	Painting I	
ART 2060 (600:060)	Performance Art I	
ART 2070 (600:032)	Creative Photography I	
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 3040 (600:124)	Jewelry Design and Metalsmithing II	
ART 3044 (600:170)	Jewelry Design and Metalsmithing III	
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)	Art History Ancient Greek	
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 4600/5600 (600:147g)	Asian Art	
ARTHIST 4602/5602 (600:149g)	Indian Art	
ARTHIST 4604/5604 (600:150g)	Japanese Art	
ARTHIST 4606/5606 (600:156g)	Chinese Art	
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 contact the Department of Art for other admission 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 *	9
-------------------------	-----------------------	---

List of Programs by Department

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 and Evolution 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. Students with ACT mathematics scores below 24 are required to complete either (MATH 1140 (800:046) Precalculus) or (MATH 1120 (800:056) Mathematics for Biological Sciences) with a grade of C- (1.67) or higher before they can graduate with a biology major.
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. 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.

Required: *		
Introductory track:		
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
Biology:		5-6
BIOL 3190 (840:190)	Undergraduate Research in Biology	
BIOL 4157/5157 (840:157g)	Biostatistics	
Cognate courses:		
Mathematics:		
MATH 1420 (800:060)	Calculus I §	4
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:		
PHYSICS 1511 (880:054)	General Physics I	4
PHYSICS 1512 (880:056)	General Physics II	4
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 biology credit must be 100g/4000-level.

** 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 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 will be accepted for biology elective credit.

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

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.

Required: *

Introductory track:		
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
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)	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 1040 (860:063)	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	

List of Programs by Department

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 biology credit must be 100g/4000-level.

** 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 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 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:		
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
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:		
PHYSICS 1511 (880:054)	General Physics I	4
PHYSICS 1512 (880:056)	General Physics II	4
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 3119 (840:119)	Biotechnology Applications	
BIOL 3147 (840:147)	Cancer and Emerging Infectious Diseases	
BIOL 3151 (840:151)	General Microbiology	
BIOL 3152 (840:152)	Microbial Molecular Genetics	

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 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 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 biology credit must be 100g/4000-level.

** 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 and Evolution Emphasis

The B.A. Biology Major: Ecology and Evolution 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 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 ecology, animal behavior, systematics, conservation biology, environmental toxicology, population biology, and evolutionary biology. 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) Trigonometry and Mathematics for Biological Sciences & MATH 1120 (800:056)

Chemistry and Biochemistry: 12-13

CHEM 1110 (860:044) General Chemistry I & CHEM 1120 (860:048) and General Chemistry II ***

Select one of the following:

CHEM 1040 (860:063) Applied Organic and Biochemistry

CHEM 2210 (860:120) Organic Chemistry I and Organic Chemistry Laboratory & CHEM 2230 (860:121)

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 3103 (840:103) Applied Ecology and Conservation

BIOL 3106 (840:106) Vertebrate Anatomy

BIOL 3112 (840:112) Invertebrate Zoology

BIOL 3120 (840:120) Plant Diversity and Evolution

List of Programs by Department

BIOL 3160 (840:160)	Field Zoology of Vertebrates
BIOL 3170 (840:170)	Entomology
BIOL 3174 (840:174)	Field Biology: _____
BIOL 3179 (840:179)	Cooperative Education
BIOL 3185 (840:185)	Readings in Biology
BIOL 3190 (840:190)	Undergraduate Research in Biology
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 4143/5143 (840:143g)	Biogeography and Origins of Diversity
BIOL 4146/5146 (840:146g)	Developmental Biology of Animals
BIOL 4154/5154 (840:154g)	Aquatic Ecology
BIOL 4155/5155 (840:155g)	Ecotoxicology
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 4178/5178 (840:178g)	Fire Management in Ecosystems
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
Total hours	58

* At least 7-8 hours of biology credit must be 100g/4000-level.

** 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 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 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 3106 (840:106)	Vertebrate Anatomy
BIOL 3160 (840:160)	Field Zoology of Vertebrates
BIOL 4114/5114 (840:114g)	Comparative Animal Physiology ***
BIOL 4146/5146 (840:146g)	Developmental Biology of Animals
BIOL 4164/5164 (840:164g)	Mammalogy
Cellular group:	4
Select one of the following:	

BIOL 3151 (840:151)	General Microbiology	
BIOL 3152 (840:152)	Microbial Molecular Genetics	
BIOL 4128/5128 (840:128g)	Cell Biology	
Cognate courses:		
Chemistry and Biochemistry:		12
CHEM 1040 (860:063)	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 biology credit must be 100g/4000-level.

** 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 and BIOL 3102 (840:102) Anatomy and Physiology II may substitute four hours of this credit for BIOL 4114/5114 (840:114g) Comparative Animal Physiology; if so, neither BIOL 3101 (840:101) Anatomy and Physiology I nor BIOL 3102 (840:102) Anatomy and Physiology II can count as biology elective credit.

[^] 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 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 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. 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 *	

List of Programs by Department

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 complete an application and be admitted to the program. 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 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 contact the Department of Biology for any other admission 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 18 semester hours of 200/6000-level course work is required.**

Required:		
Biology:		
BIOL 6240 (840:240)	Advanced Cellular and Molecular Biology	3
BIOL 6280 (840:280)	Advanced Analytical Techniques	3
Science and Science Education:		12-14
PSM 6100 (820:209)	Business Management for Science Professionals	
PSM 6300 (820:215)	Team-Based Problem Solving	
PSM 6289 (820:289)	Professional Science Master's Seminar (2 hrs.)	

PSM 6950 (820:295)	Professional Science Master's Internship (4-6 hrs.)	
Electives (must be 100g/5000-level or above): *		10-12
Total hours		30

* Students having completed at least two courses in Group A, or their equivalent, may select electives from Group B.

Group A:

Biology:

BIOL 4121/5121 (840:121g)	Plant Biotechnology
BIOL 4127/5127 (840:127g)	Bioinformatics Applications for Biology
BIOL 4129/5129 (840:129g)	Genomics and Proteomics
BIOL 4153/5153 (840:153g)	Recombinant DNA Techniques

Chemistry and Biochemistry:

CHEM 4510/5510 (860:154g)	Biochemistry I
------------------------------	----------------

Group B:

Biology:

BIOL 4122/5122 (840:122g)	Plant Physiology
BIOL 4128/5128 (840:128g)	Cell Biology
BIOL 4146/5146 (840:146g)	Developmental Biology of Animals
BIOL 4150/5150 (840:150g)	Immunology
BIOL 4157/5157 (840:157g)	Biostatistics

Chemistry and Biochemistry:

CHEM 4520/5520 (860:155g)	Biochemistry II
CHEM 4530/5530 (860:156g)	Biochemistry Laboratory
CHEM 6610 (860:211)	Corporate Chemistry

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 business and other organizational environments, 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. To be admitted, students must also have had an upper level course with significant plant taxonomy or systematics content, and an upper level Ecology course.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should contact the Department of Biology for other admission 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 18 semester hours of 200/6000-level course work** is required.

Required:

Biology:

BIOL 4180/5180 (840:180g)	Restoration Ecology	4
BIOL 6260 (840:260)	Advanced Ecology	3
BIOL 6280 (840:280)	Advanced Analytical Techniques	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 hrs.)	2
PSM 6950 (820:295)	Professional Science Master's Internship	4

Electives (must be 100g/5000-level or above): *	8
Total Hours	30

* Students having completed at least one course in Group A, or their equivalent, may select electives from Group B.

Group A:

Biology:

BIOL 4166/5166 (840:166g)	Plant Systematics
BIOL 4178/5178 (840:178g)	Fire Management in Ecosystems

Geography:

GEOG 4230/5230 (970:129g)	Rivers
------------------------------	--------

Group B:

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 4155/5155 (840:155g)	Ecotoxicology
BIOL 4164/5164 (840:164g)	Mammalogy
BIOL 4167/5167 (840:167g)	Conservation Biology
BIOL 4157/5157 (840:157g)	Biostatistics
or STAT 3771/5771 (800:121g)	Applied Statistical Methods for Research

Earth Science:

List of Programs by Department

EARTHSCI 3330/5330 (870:141g)	Geomorphology
EARTHSCI 3350/5350 (870:173g)	Environmental Hydrology
EARTHSCI 3355/5355 (870:175g)	Hydrogeology
Economics:	
ECON 3225/5225 (920:123g)	Environmental Economics
Geography:	
GEOG 4220/5220 (970:126g)	Soils and Landscapes
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 4170/5170 (970:168g)	Regional Analysis and Planning
GEOG 4370/5370 (970:173g)	Remote Sensing of the Environment
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

** 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
- Chemistry-Marketing (also listed in Department of Marketing)
- **Minors**
 - Chemistry
 - Chemistry-Teaching

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

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.

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 2051 (840:051)	General Biology: Organismal Diversity	4
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	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)	Quantitative Analysis	4

List of Programs by Department

CHEM 3600 (860:180)	Undergraduate Research in Chemistry	2
CHEM 4310/5310 (860:137g)	Instrumental Analysis	4
CHEM 4420/5420 (860:140g)	Physical Chemistry: Thermodynamics	3
CHEM 4430/5430 (860:141g)	Physical Chemistry: Kinetics, Quantum Mechanics, and Spectroscopy	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:		
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	
Total Hours		71-74

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)	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)	Quantitative Analysis	4
CHEM 3600 (860:180)	Undergraduate Research in Chemistry	2
CHEM 4110/5110 (860:145g)	Inorganic Chemistry	3

CHEM 4310/5310 (860:137g)	Instrumental Analysis	4
CHEM 4420/5420 (860:140g)	Physical Chemistry: Thermodynamics	3
CHEM 4430/5430 (860:141g)	Physical Chemistry: Kinetics, Quantum Mechanics, and Spectroscopy	3
CHEM 4440/5440 (860:143g)	Physical Chemistry Laboratory	2
CHEM 4510/5510 (860:154g)	Biochemistry I	3
CHEM 4610/5610 (860:149g)	Advanced Laboratory Techniques in Chemistry	2
Physics:		11
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	
and one 100/3000/4000-level cognate elective of at least 3 hours		
Elective		3
A chemistry lecture course carrying a physical chemistry prerequisite.		
Total Hours		65-68

Notes:

1. 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 be taken after completion of CHEM 4420/5420 (860:140g) Physical Chemistry: Thermodynamics; CHEM 4430/5430 (860:141g) Physical Chemistry: Kinetics, Quantum Mechanics, and Spectroscopy; or both CHEM 2230 (860:121) Organic Chemistry Laboratory and CHEM 2310 (860:132) Quantitative Analysis. In addition, completion of a final written report is required.
2. 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. Also, these students may satisfy the Physics requirement of the degree with PHYSICS 1511 (880:054) and PHYSICS 1512 (880:056) alone.
3. 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.

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 (at least 2 hours of which must be taken after completion of CHEM 4420/5420 (860:140g) Physical Chemistry: Thermodynamics or CHEM 4430/5430 (860:141g) Physical Chemistry: Kinetics, Quantum Mechanics, and

List of Programs by Department

Spectroscopy) 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 2051 (840:051)	General Biology: Organismal Diversity	4
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
or CHEM 2310 (860:132)	Quantitative Analysis	
CHEM 2210 (860:120)	Organic Chemistry I	3
CHEM 2230 (860:121)	Organic Chemistry Laboratory	2
CHEM 2220 (860:123)	Organic Chemistry II	3
CHEM 4410/5410 (860:142g)	Principles of Physical Chemistry *	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)	General Physics I	4
PHYSICS 1512 (880:056)	General Physics II	4
Total Hours		52-55

* Students with better preparation in mathematics (MATH 1420 (800:060) and MATH 1421 (800:061)) may elect CHEM 4420/5420 (860:140g) and CHEM 4430/5430 (860:141g) to fulfill the physical chemistry portion of this program.

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)	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)	Quantitative Analysis	4
CHEM 4310/5310 (860:137g)	Instrumental Analysis	4
CHEM 4420/5420 (860:140g)	Physical Chemistry: Thermodynamics	3
CHEM 4430/5430 (860:141g)	Physical Chemistry: Kinetics, Quantum Mechanics, and Spectroscopy	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		47-50

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.

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 1040 (860:063)	Applied Organic and Biochemistry	4
CHEM 2110 (860:110)	Descriptive Inorganic Chemistry	4
CHEM 2310 (860:132)	Quantitative Analysis	4
CHEM 4010/5010	Chemical Safety Seminar	1
and select one of the following:		
CHEM 4410/5410 (860:142g)	Principles of Physical Chemistry	3
CHEM 4420/5420 (860:140g)	Physical Chemistry: Thermodynamics	
CHEM 4430/5430 (860:141g)	Physical Chemistry: Kinetics, Quantum Mechanics, and Spectroscopy	
Physics:		
Select one of the following:		
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	
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

Notes:

- 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 1040 (860:063) and the one-hour elective.
- Students who complete both CHEM 4420/5420 (860:140g) and CHEM 4430/5430 (860:141g) may count the latter course toward their elective hour total.

Chemistry-Marketing Major

The B.A. Chemistry-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.

This program provides preparation for students interested in the sales and marketing aspects of the chemical industry.

Required

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
MKTG 3113/5113 (130:106g)	Consumer Behavior	3
MKTG 3153 (130:153)	Personal Selling	3
MKTG 3163 (130:161) or MKTG 3156 (130:178)	Distribution and Logistics Services Marketing	3
Management:		
MGMT 3153 (150:153)	Organizational Management	3
Economics: *		
ECON 1031 (920:024) or ECON 1041 (920:053)	Introduction to Economics Principles of Macroeconomics	3
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 4510/5510 (860:154g)	Descriptive Inorganic Chemistry Biochemistry I	3-4
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)	Quantitative Analysis	4
CHEM 4410/5410 (860:142g)	Principles of Physical Chemistry	3
Total Hours		47-51

* All listed marketing courses have either ECON 1031 (920:024) or ECON 1041 (920:053) as a prerequisite. 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.

Note: Students on this major are strongly encouraged to complete MKTG 3116/5116 (130:108g) . Additional prerequisites for MKTG 3116/5116 (130:108g) are MGMT 2080 (150:080) , STAT 1772 (800:072) , ECON 1021 (920:020) , and ECON 1011 (920:070) . STAT 1772 (800:072) will satisfy Category 1C of the Liberal Arts Core.

List of Programs by Department

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 in chemistry and biochemistry [beyond CHEM 1120 (860:048) and CHEM 1130 (860:070)]: *	12
Total Hours	17-20

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

CHEM 1040 (860:063)	Applied Organic and Biochemistry	4
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)	Quantitative Analysis	4
CHEM 4010/5010	Chemical Safety Seminar	1
CHEM 4410/5410 (860:142g)	Principles of Physical Chemistry	3
CHEM 4510/5510 (860:154g)	Biochemistry I	3
CHEM 4520/5520 (860:155g)	Biochemistry II	3

Chemistry Minor-Teaching

The Chemistry-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

Chemistry and Biochemistry:		
CHEM 1040 (860:063)	Applied Organic and Biochemistry *	4
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 2310 (860:132)	Quantitative Analysis	4
CHEM 4410/5410 (860:142g)	Principles of Physical Chemistry	3
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		24-27

Department of Communication Sciences and Disorders

(College of Humanities, Arts and Sciences)

www.uni.edu/chfa

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.)

Communicative Disorders

Graduate Major (M.A.)

Speech-Language Pathology

Bachelor of Arts Degree Program Communicative Disorders Major

The Communicative 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

Communicative Disorders:		
CSD 1000 (51C:006)	Understanding Communication Disorders	3
CSD 3100 (51C:106)	Language Acquisition in Children: Birth to 5 Years	3
CSD 3101 (51C:107)	Language Analysis Lab	1
CSD 3120 (51C:111)	Phonetics in Communicative Disorders	3
CSD 3130/5130 (51C:164g)	Neuroscience and the Study of Communication Disorders	4
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	4
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 (one of the following courses selected with approval of the major academic advisor:		3
MEASRES 4180/5180 (250:180g) or STAT 1772 (800:072)	Statistical Methods in Education * Introduction to Statistical Methods	

Additional Requirements

Students must select a minimum of 7 credit hours from Option 1 or Option 2

Option 1: Pre-professional speech-language pathology Communicative 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 4143/5143 (450:143g)	Stress and Stress Management in the Helping Professions
-------------------------	---

Communicative 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

* A 3-hour course in statistics selected with approval of the major academic advisor.

Students must have an overall GPA of 3.00 or consent of the department head to declare a major in Communicative 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 C 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 C- or less. Any one course may be repeated once; a second failure to meet the required C 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.

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 contact the Department of Communication Sciences and Disorders for other admission 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 43 semester hours** is required for the **thesis option**. A **minimum of 42 hours** is required for the **non-thesis option**. A minimum of 6 hours of CSD 6299 (51C:299) is required for the thesis option. **A minimum of 32 semester hours of 200/6000-level course work is required.**

Students may select a 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. 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 or two areas of emphasis. Students should consult with their advisor concerning the specialty certificates.

Based on satisfactory completion of an undergraduate degree in Communicative Disorders or the equivalent, course work, clinical

List of Programs by Department

assignments, and the internship experience will ordinarily take four semesters and one summer.

Students seeking endorsement #237 by the Iowa Department of Education must enroll in Human Relations TEACHING 4170/5170 (280:170g). In addition, students are required to complete a minimum of 10 semester hours of course work in professional education, to be selected under guidance of the major academic advisor, and 10 semester hours of practicum in a public school internship.

Requirements for this major 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 each of the two required credits of CSD 6660 Advanced Diagnostics in Communication Disorders and each of the four required credits of CSD 6500 (51S:255) Advanced Clinical Practice. 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 or CSD 6560 Diagnostics in Communication Disorders.

Communicative Disorders courses typically completed as an undergraduate:

CSD 3100 (51C:106)	Language Acquisition in Children: Birth to 5 Years	3
CSD 3101 (51C:107)	Language Analysis Lab	1
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	4
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	2
CSD 3900/5900 (51C:180g)	Aural Rehabilitation	3
CSD 4500 (51C:155)	Clinical Practice	1

Speech Language Pathology core (as a graduate student): 28

Required

CSD 6000 (51C:200)	Research Methods in Speech-Language Pathology and Audiology
CSD 6100 (51C:282)	Professional Issues

CSD 6300 (51S:222)	Treatment of Child Language Disorders	
CSD 6400 (51S:226)	Disorders of Voice	
CSD 6450 (51S:230)	Motor Speech Disorders	
CSD 6500 (51S:255)	Advanced Clinical Practice (4 hrs. required)	
CSD 6560	Diagnostics in Communication Disorders	
CSD 6600 (51S:229)	Dysphagia (2 hrs. required)	
CSD 6650 (51S:228)	Aphasia and Related Disorders	
CSD 6660	Advanced Diagnostics in Communication Disorders (2 hrs.)	
CSD 6700 (51S:232)	Clinical Phonology	
CSD 6800	Fluency Disorders	
Research:		
CSD 6299 (51C:299)	Research Thesis Option (6 hrs.)	1-6
Non-thesis Option (1-3 hrs.)		
Internship:		
CSD 6580 (51C:257)	Internship in Clinical Settings	4-16
and/or		
TEACHING 6250 (280:250)	Advanced Laboratory Practice (10 hrs.)	
Electives 5-9		
CSD 6289 (51S:289)	Seminar in Speech-Language Pathology (minimum 2 hrs. is required)	
and other courses as approved by the graduate advisor.		
Thesis option (5 hrs.)		
Non-thesis option (9 hrs.)		
Total hours non-thesis		42
Total hours thesis		43

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/Journalism (Liberal Arts)
 - Communication/Public Relations
 - Interactive Digital Studies
- **Graduate Major (M.A.)**
 - Communication Studies

COMM 1205 (48C:031) or COMM 2344 (48C:004)] and ENGLISH 1005 (620:005) or ENGLISH 2015 (620:015) or ENGLISH 2120 (620:034)).

- b. 2.70 average GPA in the designated major component for Communication Studies - 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.

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/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 Communication Studies 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) or two-course Liberal Arts Core equivalent [COMM 2255 (48C:071), COMM 2256 (48C:011), or COMM 2257 (48C:074)]; AND COMM 1205 (48C:031) or COMM 2344 (48C:004)] and ENGLISH 1005 (620:005) or ENGLISH 2015 (620:015) or ENGLISH 2120 (620:034) . 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 or two-course Liberal Arts Core equivalent [COMM 2255 (48C:071), COMM 2256 (48C:011), or COMM 2257 (48C:074)]; AND

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) or two-course Liberal Arts Core equivalent [COMM 2255 (48C:071), COMM 2256 (48C:011), or COMM 2257 (48C:074)]; AND COMM 1205 (48C:031) or COMM 2344 (48C:004)] 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. Electronic Media: COMM COR 1010 (48J:002) , COMM EM 1655 (48E:003) .
3. Journalism: COMM COR 1010 (48J:002) .
4. Communication-Liberal Arts: COMM 1000 (48C:001), and ENGLISH 1005 (620:005) or equivalent.
5. Political Communication: none.
6. Interactive Digital Studies: COMM COR 1010 (48J:002), COMM 2555 (48C:025), and COMM 4544/5544 (48C:120g).

Minors

Admission to any Communication Minor (Liberal Arts, Business Communication, or Public Relations) Interactive Digital Studies Minor or Journalism Minor requires a 2.70 cumulative GPA in at least 24 hours of course work to include COMM 1000 (48C:001) Oral Communication or two-course Liberal Arts Core equivalent [COMM 2255 (48C:071), COMM 2256 (48C:011), or COMM 2257 (48C:074)]; AND COMM 1205 (48C:031) or COMM 2344 (48C:004)] and ENGLISH 1005 (620:005) or ENGLISH 2015 (620:015) or ENGLISH 2120 (620:034)). (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.

List of Programs by Department

Required		
COMM 1000 (48C:001)	Oral Communication	3
COMM 2011 (48C:002)	Introduction to Communication	1
COMM 2256 (48C:011) or COMM 2255 (48C:071) or COMM 2257 (48C:074)	Oral Interpretation: Texts in Performance** Public Speaking	3
COMM 2344 (48C:004) or COMM 1205 (48C:031)	Interpersonal Communication** Group Communication Skills	3
COMM 2555 (48C:025)	Interactive Digital Communication	3
COMM 4155/5155 (48C:135g) or COMM 4021/5021 (48C:180g) or COMM 4022/5022 (48C:183g) or COMM 4023/5023 (48C:189g)	Organizational Communication Assessment* Quantitative Research Methods Qualitative Research Methods Rhetorical Communication Research Methods	3
COMM 4444/5444 (48C:155g)	Communication, Community, and Change	3
COMM COR 2020 (48C:080)	Introduction to Research Methods	3
COMM COR 4124 (48C:124)	Communication Theories	3
Journalism		
COMM COR 1010 (48J:002)	Mass Communication and Society	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)	Oral History Communication	
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 4211/5211 (48C:123g)	Rhetoric and Civic Culture	
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)	Technology and Human 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)		
** *LAC Category 1B may be satisfied by two courses distributed as follows: COMM 2256 (48C:011) or COMM 2255 (48C:071) or COMM 2257 (48C:074); AND COMM 2344 (48C:004) or COMM 1205 (48C:031).		
*** At least one from 100/3000/4000-level.		
Communication - Theatre Major - Teaching		
The Communication-Theatre-Teaching major requires a minimum of 122 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 hours.		
The teaching major in communication and theatre is offered jointly by the Departments of Communication Studies and Theatre.		
Required		
Communication:		
COMM 1000 (48C:001)	Oral Communication	3
COMM 1205 (48C:031)	Group Communication Skills**	3

List of Programs by Department

COMM 2255 (48C:071)	Public Speaking **	3
COMM 2256 (48C:011)	Oral Interpretation: Texts in Performance	3
COMM 2257 (48C:074)	Argumentation and Debate **	3
COMM 2344 (48C:004)	Interpersonal Communication **	3
COMM 2455 (48C:015)	Group Performance: Scripting and Directing	3
COMM 2533 (48C:024)	Media Literacy	3
COMM 4355/5355 (48C:141g)	Listening	3
COMM 4559/5559 (48C:187g)	Teaching of Speech	3
Theatre:		
THEATRE 1012 (490:015)	Stagecraft: Scenery/Lights ***	3
THEATRE 1030 (490:024)	Acting ***	3
THEATRE 3020 (490:138)	Playscript Analysis and Interpretation	3
THEATRE 3115 (490:109)	Methods of Teaching Drama and Theatre	3
THEATRE 3160 (490:161)	Directing	3
Applied Activity Option:		
Select one of the following:		1
COMM 1940 (48C:091) & COMM 3940 (48C:191)	Applied Forensics and Applied Forensics	
COMM 1941 (48C:093) & COMM 3941 (48C:193)	Applied Performance Studies and Applied Performance Studies	
THEATRE 2050 (490:050)	Theatre Practicum	
Electives		
Select one of the following:		3
Communication:		
COMM 4217/5217 (48C:176g)	Freedom of Speech	
COMM 4218 (48C:178)	Persuasion	
COMM 4322/5322 (48C:144g)	Advanced Interpersonal Communication	
COMM 4411/5411 (48C:122g)	Language and Communication	
COMM 4447/5447 (48C:108g) or COMM 4448/5448 (48C:110g)	Performance and Social Change Cultural Performance	
COMM COR 4124 (48C:124)	Communication Theories	
Theatre:		
THEATRE 2040 (490:040)	Design Elements for Theatre	

THEATRE 3060 (490:135)	History of the Theatre I	
THEATRE 3070 (490:136)	History of the Theatre II	
Total Hours		49

Other courses are available consult with your advisor.

** LAC Category 1B may be satisfied by two courses distributed as follows:
COMM 2256 (48C:011) or COMM 2255 (48C:071) or COMM 2257 (48C:074); AND COMM 2344 (48C:004) or COMM 1205 (48C:031).

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

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.

Required

Communication:

COMM COR 2020 (48C:080)	Introduction to Research Methods	3
COMM COR 4124 (48C:124)	Communication Theories	3

Electronic Media:

COMM EM 1600	First Year Electronic Media Seminar	1
COMM EM 1611 (48E:021)	Electronic Media Literacy	3
COMM EM 1655 (48E:003)	Introduction to Electronic Production	3
COMM EM 1659 (48E:071)	Beginning Writing for Electronic Media	3
COMM EM 3179 (48E:179)	Cooperative Education	3
or COMM EM 3900/5900 (48E:197g)	Internship in Electronic Media	
COMM EM 4636/5636 (48E:132g)	Electronic Media: Law and Policy	3
COMM EM 4644 (48E:195)	Senior Seminar in Electronic Media	3

Journalism:

COMM COR 1010 (48J:002)	Mass Communication and Society	3
----------------------------	--------------------------------	---

Select one of the following two extended emphases: 27

Total Hours 55

Extended Emphasis 1: Electronic Media Production/Performance

Required

Electronic Media:

COMM EM 4616/5616 (48E:141g)	Electronic Media: Processes and Effects	3
COMM EM 4646/5646 (48E:121g)	Electronic Media and Culture	3

and 3 hours chosen from the following: 3

COMM EM 2655 (48E:013)	Video Production: (Topic)	
---------------------------	---------------------------	--

List of Programs by Department

COMM EM 2656 (48E:011)	Audio Production: (Topic)	
COMM EM 3657 (48E:112)	Multimedia Production: (Topic)	
Electives (chosen from the following)		18
Art (only 3-6 hours can be counted as electives):		
ART 2030 (600:025)	Graphic Design I	
ART 2070 (600:032)	Creative Photography I	
ARTHIST 1004 (600:004)	Visual Perceptions	
Communication (only 3-6 hours can be counted as electives):		
COMM 2256 (48C:011)	Oral Interpretation: Texts in Performance **	
COMM 2344 (48C:004)	Interpersonal Communication **	
COMM 3055 (48C:132)	Organizational Communication	
COMM 3155 (48C:173)	Business and Professional Oral Communication	
COMM 3455 (48C:146)	Oral History Communication	
COMM 4021/5021 (48C:180g)	Quantitative Research Methods	
COMM 4022/5022 (48C:183g)	Qualitative Research Methods	
COMM 4023/5023 (48C:189g)	Rhetorical Communication Research Methods	
COMM 4134/5134 (48C:134g)	Organizational Cultures and Communication *	
COMM 4217/5217 (48C:176g)	Freedom of Speech	
COMM 4218 (48C:178)	Persuasion	
COMM 4311/5311 (48C:121g)	Nonverbal Communication	
COMM 4322/5322 (48C:144g)	Advanced Interpersonal 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	
Computer Science (only 3-6 hours can be counted as electives):		
CS 1000 (810:021)	Computing Skills and Concepts	
CS 1120 (810:056)	Media Computation	
CS 1130 (810:030)	Visual BASIC Programming	
English (only 3-6 hours can be counted as electives):		
ENGLISH 2650 (620:035)	Introduction to Film *	
ENGLISH 4660/5660 (620:142g)	Film History *	

Electronic Media:		
COMM EM 3651 (48E:136)	Electronic Media Sales and Promotion	
COMM EM 3655 (48E:113)	Video Practicum: (Topic)	
COMM EM 3656	Audio Practicum	
COMM EM 3657 (48E:112)	Multimedia Production: (Topic)	
COMM EM 3658 (48E:117)	Electronic Media Projects *	
COMM EM 4600/5600 (48E:166g)	Selected Topics in Electronic Media	
COMM EM 4633/5633 (48E:123g)	Electronic Media Criticism: (Topic)	
COMM EM 4611/5611 (48E:139g)	Electronic Media Industries: (Topic)	
COMM EM 4636/5636 (48E:132g)	Electronic Media: Law and Policy	
COMM EM 4638	Electronic Media Programming and Distribution	
COMM EM 4647/5647 (48E:161g)	Communication Technologies	
COMM EM 4656/5656 (48E:134g)	Electronic Media Management	
Journalism:		
COMM J 1755 (48J:007)	Reporting Methodologies and Sources	
COMM J 2755 (48J:071)	News Writing for Print Media *	
Management:		
MGMT 3153 (150:153)	Organizational Management	
Marketing (only 3-6 hours can be counted as electives):		
MKTG 2110 (130:101)	Principles of Marketing *	
MKTG 3113/5113 (130:106g)	Consumer Behavior *	
MKTG 3143 (130:150)	Advertising and Promotion *	
Theatre:		
THEATRE 3195/5195 (490:168g)	Playwriting *	

Extended Emphasis 2: Electronic Media Leadership

Required:		
Communication (choose 3 hours from the following):		3
COMM 4111/5111 (48C:131g)	Group Communication Theory and Analysis	
COMM 4134/5134 (48C:134g)	Organizational Cultures and Communication *	
Electronic Media:		
COMM EM 3651 (48E:136)	Electronic Media Sales and Promotion	3

List of Programs by Department

COMM EM 3659	Media Industry Trends and Issues	3
COMM EM 3660	Strategic Media Planning	3
COMM EM 4655/5655 (48E:131g)	Electronic Media: Audience Analysis	3
COMM EM 4656/5656 (48E:134g)	Electronic 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:		6
MKTG 2110 (130:101)	Principles of Marketing *	
and one of the following courses:		
MKTG 3113/5113 (130:106g)	Consumer Behavior *	
MKTG 3143 (130:150)	Advertising and Promotion *	
MKTG 3146 (130:160)	Digital Advertising *	

* These courses have additional prerequisites as follows:
 MKTG 2110 (130:101), MKTG 3113/5113 (130:106g), MKTG 3143 (130:150), and MKTG 3146 (130:160) require either *ECON 1031 (920:024)* or *ECON 1041 (920:053)* as a prerequisite. *ECON 1031 (920:024)* may be used to satisfy Category 5B of the Liberal Arts Core.
 COMM 4134/5134 (48C:134g) has prerequisites of *MGMT 3153 (150:153)* or *COMM 3055 (48C:132)*.
 COMM 4322/5322 (48C:144g) has prerequisite of *COMM 2344 (48C:004)*.
 COMM EM 3656 has prerequisite of *COMM EM 2656 (48E:011)*.
 COMM EM 3655 (48E:113) has prerequisite of *COMM EM 2655 (48E:013)*.
 COMM EM 3658 (48E:117) has prerequisite of *COMM EM 2656 (48E:011)* or *COMM EM 2655 (48E:013)* or *COMM EM 3657 (48E:112)*.
 COMM J 2755 (48J:071) has prerequisite of *COMM J 1755 (48J:007)*.
 THEATRE 3195/5195 (490:168g) has prerequisite of *THEATRE 1010 (490:010)* or consent of instructor; 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.

** LAC Category 1B may be satisfied by two courses distributed as follows:
 COMM 2256 (48C:011) or *COMM 2255 (48C:071)* or *COMM 2257 (48C:074)*; AND *COMM 2344 (48C:004)* or *COMM 1205 (48C:031)*.

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, 12 hours in communication, 15 hours

in 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

Accounting:		
ACCT 2120 (120:030)	Principles of Financial Accounting	3
Marketing:		
MKTG 2110 (130:101)	Principles of Marketing *	3
MKTG 3113/5113 (130:106g)	Consumer Behavior *	3
Management:		
MGMT 3153 (150:153)	Organizational Management	3
Journalism:		
COMM COR 1010 (48J:002)	Mass Communication and Society	3
COMM J 1755 (48J:007)	Reporting Methodologies and Sources	3
COMM J 2755 (48J:071)	News Writing for Print Media	3
COMM J 4743/5743 (48J:132g)	Mass Communication Law and Ethics	3
COMM J 3756 (48J:172)	Editing and Design	3
Communication:		
COMM 2344 (48C:004)	Interpersonal Communication **	3
or COMM 3155 (48C:173)	Business and Professional Oral Communication	
COMM 3055 (48C:132)	Organizational Communication	3
COMM COR 2020 (48C:080)	Introduction to 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 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 4811/5811 (48P:188g)	Public Relations: Cases and Studies	3
COMM PR 3179 (48P:179)	Cooperative Education	3
or COMM PR 3900/5900 (48P:197g)	Internship in Public Relations	
Total Hours		57

List of Programs by Department

- * 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.
- ** LAC Category 1B may be satisfied by two courses distributed as follows:
COMM 2256 (48C:011) or COMM 2255 (48C:071) or COMM 2257 (48C:074); AND COMM 2344 (48C:004) or COMM 1205 (48C:031).

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.

Required		
Communication:		6
COMM 2555 (48C:025)	Interactive Digital Communication	
COMM 4544/5544 (48C:120g)	Technology and Human Communication	
Journalism:		3
COMM COR 1010 (48J:002)	Mass Communication and Society	
University, Interdisciplinary:		3
UNIV 4555	Interactive Digital Studies Practicum	
Electives - select two bundles (emphases) from the following:		30-31
Total Hours		42-43

EMPHASES

1. Digital Visualization (15 hours)

Sociology:		
SOC 1000 (980:001)	Introduction to Sociology	3
SOC 2020 (980:080)	Statistics for Social Research	3
SOC 2010 (980:108)	Research Methods	3
or COMM COR 2020 (48C:080)	Introduction to Research Methods	
Communication:		
COMM 4556/5556	Interactive Digital Visualization	3
Sociology or Communication:		
SOC 3060/5060 (980:138g)	Sociology of Culture	3
or COMM 2533 (48C:024)	Media Literacy	
Total Hours		15

2. Digital Computation (15 hours)

Computer Science:		
CS 1025 (810:025)	Computational Modeling and Simulation	3
CS 1100 (810:017)	Web Development: Client-Side Coding	3
CS 1120 (810:056)	Media Computation	3
CS 2880 (810:088)	Topics in Computing	3

CS 3120/5120 (810:112g)	User Interface Design	3
Total Hours		15

3. Digital Learning (15 hours)

Instructional Technology:		
INSTTECH 1031 (240:031)	Educational Technology and Design	3
INSTTECH 4131/5131 (240:131g)	Technology in Education	3
INSTTECH 4138/5138 (240:138g)	Visual Literacy	3
INSTTECH 4139/5139 (240:139g)	Instructional Multimedia Planning and Production	3
INSTTECH 4150/5150 (240:150g)	Digital Instructional Video Production	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 4672/5672 (620:170g)	Electronic Literature	3
ENGLISH 4765/5765 (620:102g)	Applied Writing: Workplace Communication	3
ENGLISH 4775/5775 (620:105g)	Applied Writing: Technical Communication	3
ENGLISH 4785/5785 (620:177g)	Applied Writing: Projects and Careers	3
Total Hours		15

5. Digital Music (15-16 hours)

Music Theory (select two of the following):		
MUS THEO 1100 (580:010)	Introduction to Music Theory	
MUS THEO 1110 (580:011)	Theory I	
MUS THEO 1120 (580:012)	Theory II	
MUS THEO 1150 (580:015)	Aural Training I	
MUS THEO 3220/5220 (580:122g)	Music and Technology	
MUS THEO 3230/5230 (580:123g)	Music Technology, Advanced	
Theory class placement is determined by a diagnostic examination. Theory classes are a prerequisite for Music Technology and Music Composition courses.)		
Music, Applied:		
MUS APPL 1540 (540:054)	Composition	
Music electives (select 2-3 hours from the following) - consent of instructor and other requirements apply to various classes		2-3
Music, Applied:		

List of Programs by Department

MUS APPL 1xx5 (540:Nxx)		
MUS APPL 1470 (540:047)	Group Piano	
Music History:		
MUS HIST 1010 (590:001)	History of Music I: Antiquity Through Renaissance	
MUS HIST 3300/5300 (590:130g)	History of Opera	
MUS HIST 3600/5600 (590:160g)	Jazz History and Styles	
Music, Organizations and Ensembles:		
MUS ENS 1120 (530:012)	Ensemble (may be repeated once)	
Additionally, it is recommended that students taking this bundle elect to take MUSIC 1100 (520:010) as part of their LAC courses.		
Total hours		15-16

6. Digital Imaging (16 hours)

Graphic Technologies:		
TECH 1022 (330:022)	Communication Technology	4
TECH 2020 (330:020)	Communication Systems	3
TECH 3169 (330:169)	Digital Imaging I	3
TECH 3144 (330:144)	Web Publishing	3
or TECH 3150/5150 (330:150g)	Graphic Communications Imaging	
TECH 4158/5158 (330:158g)	Graphic Communications Technical Visualization	3
Total Hours		16

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 3156 (130:178)	Services Marketing	
Total Hours		15

8. Digital Media and Social Change (15 hours)

Communication:		
COMM 2533 (48C:024)	Media Literacy	3
COMM 4446/5446 (48C:113g)	Social Protest: Performance and Rhetoric	3
COMM COR 2020 (48C:080)	Introduction to Research Methods	3
Communication or English:		
COMM 4211/5211 (48C:123g)	Rhetoric and Civic Culture	3

or COMM COR 4124 (48C:124)	Communication Theories	
or ENGLISH 4040/5040 (620:164g)	Digital Writing: Theory and Practice	
Journalism or Sociology:		
COMM J 4754/5754 (48J:151g)	Global Mass Communication Systems	3
or SOC 2040 (980:156g)	Social Movements	
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 Studies:		
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:		
COMM COR 2020 (48C:080)	Introduction to Research Methods *	
COMM 4023/5023 (48C:189g)	Rhetorical Communication Research Methods *	
POL GEN 2010 (940:010)	Analyzing Politics	

Internship in Communication Studies/Political Science:

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):

Communication Studies:		
COMM 2257 (48C:074)	Argumentation and Debate *	
COMM 2533 (48C:024)	Media Literacy	
COMM 3055 (48C:132)	Organizational Communication *	

List of Programs by Department

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)	Technology and Human Communication
COMM EM 4616/5616 (48E:141g)	Electronic Media: Processes and Effects *
COMM PR 1811 (48P:005)	Principles of Public Relations *
COMM J 4743/5743 (48J:132g)	Mass Communication Law and Ethics
COMM J 4754/5754 (48J:151g)	Global Mass Communication Systems *
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 EM 4616/5616 (48E:141g) has prerequisite of COMM EM 1611 (48E:021) or consent of instructor.
 COMM J 4754/5754 (48J:151g) 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	3
or ENGLISH 2770 (620:077)	Introduction to Professional Writing	
Communication or Management: 3		
COMM 3055 (48C:132)	Organizational Communication	3
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)	Introduction to Communication	1

COMM 2256 (48C:011)	Oral Interpretation: Texts in Performance **	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)	Introduction to 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 48C:xxx courses:		6
Total Hours		25

Communication - Theatre Minor - Teaching

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

Required

Communication:

COMM 1000 (48C:001)	Oral Communication	3
COMM 2256 (48C:011)	Oral Interpretation: Texts in Performance **	3
COMM 2257 (48C:074)	Argumentation and Debate **	3
COMM 2344 (48C:004)	Interpersonal Communication **	3
COMM 2533 (48C:024)	Media Literacy	3
COMM 4559/5559 (48C:187g)	Teaching of Speech	3

Option A or B (below): 10-12

Option A: Communication

Select one of the following:

COMM 1940/3940	Applied Forensics	
COMM 1941/3941	Applied Performance Studies	
COMM 2255 (48C:071)	Public Speaking **	
COMM 2455 (48C:015)	Group Performance: Scripting and Directing	

Theatre:

Select one of the following:

List of Programs by Department

THEATRE 3000 (490:101)	Creative Drama	
THEATRE 3100/CAP 3106 (CAP:106)	Theatre in Education	
Option B: Theatre:		
Theatre:		
THEATRE 1012 (490:015)	Stagecraft: Scenery/Lights ***	
THEATRE 1030 (490:024)	Acting ***	
THEATRE 3020 (490:138)	Playscript Analysis and Interpretation	
THEATRE 3160 (490:161)	Directing	
Total Hours		28-30

** LAC Category 1B may be satisfied by two courses distributed as follows:

COMM 2256 (48C:011) or COMM 2255 (48C:071) or COMM 2257 (48C:074); AND COMM 2344 (48C:004) or COMM 1205 (48C:031).

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

Communication/Journalism Minor (Liberal Arts)

Required

Journalism:		
COMM COR 1010 (48J:002)	Mass Communication and Society	3
COMM J 1755 (48J:007)	Reporting Methodologies and Sources	3
COMM J 2755 (48J:071)	News Writing for Print Media	3
COMM J 3756 (48J:172)	Editing and Design	3
COMM J 4735/5735 (48J:171g)	Advanced Reporting	3
COMM J 4743/5743 (48J:132g)	Mass Communication Law and Ethics	3

Electives

Journalism:		
Select two of the following:		
COMM J 3755 (48J:174)	Online Journalism	
COMM J 3900 (48J:197)	Internship in Journalism	
COMM J 4711/5711 (48J:121g)	History of Mass Communication	
COMM J 4715/5715 (48J:178g)	Specialized Reporting: (Topics)	
COMM J 4754/5754 (48J:151g)	Global Mass Communication Systems	
COMM J 4765/5765 (48J:176g)	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
Journalism:		
COMM J 1755 (48J:007)	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:		
Communication:		
COMM COR 2020 (48C:080)	Introduction to 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 15-16 hours from one of the eight emphases.

Required

Communication:		
COMM 2555 (48C:025)	Interactive Digital Communication	6
COMM 4544/5544 (48C:120g)	Technology and Human Communication	
Journalism:		
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:

Total Hours 42-43

1. Digital Visualization (15 hours)

Sociology:		
SOC 1000 (980:001)	Introduction to Sociology	3
SOC 2020 (980:080)	Statistics for Social Research	3
SOC 2010 (980:108)	Research Methods	3
or COMM COR 2020 (48C:080)	Introduction to Research Methods	
Communication:		
COMM 4556/5556	Interactive Digital Visualization	3
Sociology or Communication:		
SOC 3060/5060 (980:138g)	Sociology of Culture	3
or COMM 2533 (48C:024)	Media Literacy	
Total Hours		15

2. Digital Computation (15 hours)

Computer Science:		
CS 1025 (810:025)	Computational Modeling and Simulation	3
CS 1100 (810:017)	Web Development: Client-Side Coding	3
CS 1120 (810:056)	Media Computation	3
CS 2880 (810:088)	Topics in Computing	3
CS 3120/5120 (810:112g)	User Interface Design	3
Total Hours		15

3. Digital Learning (15 hours)

Instructional Technology:		
INSTTECH 1031 (240:031)	Educational Technology and Design	3
INSTTECH 4131/5131 (240:131g)	Technology in Education	3
INSTTECH 4138/5138 (240:138g)	Visual Literacy	3
INSTTECH 4139/5139 (240:139g)	Instructional Multimedia Planning and Production	3
INSTTECH 4150/5150 (240:150g)	Digital Instructional Video Production	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 4672/5672 (620:170g)	Electronic Literature	3
ENGLISH 4765/5765 (620:102g)	Applied Writing: Workplace Communication	3
ENGLISH 4775/5775 (620:105g)	Applied Writing: Technical Communication	3
ENGLISH 4785/5785 (620:177g)	Applied Writing: Projects and Careers	3
Total Hours		15

5. Digital Music (15-16 hours)

Music Theory (select two of the following):		
MUS THEO 1100 (580:010)	Introduction to Music Theory	
MUS THEO 1110 (580:011)	Theory I	
MUS THEO 1120 (580:012)	Theory II	
MUS THEO 1150 (580:015)	Aural Training I	
MUS THEO 3220/5220 (580:122g)	Music and Technology	
MUS THEO 3230/5230 (580:123g)	Music Technology, Advanced	
Theory class placement is determined by a diagnostic examination. Theory classes are a prerequisite for Music Technology and Music Composition courses.)		
Music, Applied:		
MUS APPL 1540 (540:054)	Composition	
Music electives (select 2-3 hours from the following) - consent of instructor and other requirements apply to various classes		2-3
Music, Applied:		
MUS APPL 1xx5 (540:Nxx)		
MUS APPL 1470 (540:047)	Group Piano	
Music History:		
MUS HIST 1010 (590:001)	History of Music I: Antiquity Through Renaissance	
MUS HIST 3300/5300 (590:130g)	History of Opera	
MUS HIST 3600/5600 (590:160g)	Jazz History and Styles	
Music, Organizations and Ensembles:		
MUS ENS 1120 (530:012)	Ensemble (may be repeated once)	
Additionally, it is recommended that students taking this bundle elect to take MUSIC 1100 (520:010) as part of their LAC courses.		
Total hours		15-16

6. Digital Imaging (16 hours)

Graphic Technologies:		
TECH 1022 (330:022)	Communication Technology	4
TECH 2020 (330:020)	Communication Systems	3
TECH 3169 (330:169)	Digital Imaging I	3
TECH 3144 (330:144)	Web Publishing	3
or TECH 3150/5150 (330:150g)	Graphic Communications Imaging	
TECH 4158/5158 (330:158g)	Graphic Communications Technical Visualization	3
Total Hours		16

List of Programs by Department

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 3156 (130:178)	Services Marketing	
Total Hours		15

8. Digital Media and Social Change (15 hours)

Communication:		
COMM 2533 (48C:024)	Media Literacy	3
COMM 4446/5446 (48C:113g)	Social Protest: Performance and Rhetoric	3
COMM COR 2020 (48C:080)	Introduction to Research Methods	3
Communication or English:		
COMM 4211/5211 (48C:123g)	Rhetoric and Civic Culture	3
or COMM COR 4124 (48C:124)	Communication Theories	
or ENGLISH 4040/5040 (620:164g)	Digital Writing: Theory and Practice	
Journalism or Sociology:		
COMM J 4754/5754 (48J:151g)	Global Mass Communication Systems	3
or SOC 2040 (980:156g)	Social Movements	
Total Hours		15

Master of Arts Degree Program

Major in Communication Studies

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.

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 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)	Technology and Human Communication	
COMMGRAD 6014 (48C:251)	Critical and Cultural Studies in Communication	
COMMGRAD 6041 (48C:232)	Seminar in Organizational Communication	

COMMGRAD 6042	Seminar in Communication (48C:222)	
COMMGRAD 6043	Interpersonal Communication (48C:244)	
COMMGRAD 6044	Seminar in Performance Studies (48C:212)	
Total Hours		33

Thesis Option

Required Core:

COMMGRAD 6001	Introduction to Graduate (48C:201,48E:201,48P:201) Study and Research	3
COMMGRAD 6011	Communication Theory (48C:224)	3
COMMGRAD 6022	Communication Research (48C:236) Methodology	3
COMMGRAD 6045	Seminar in Communication (48C:282) Education	3
COMMGRAD 6299	Research (48C:299,48E:299,48P:299)	6

Electives (select 12 hours from the following): 12

POSTSEC 6256	The Two-Year College (170:256)	
COMM 4111/5111	Group Communication (48C:131g) Theory and Analysis	
COMM 4134/5134	Organizational Cultures and (48C:134g) Communication	
COMM 4211/5211	Rhetoric and Civic Culture (48C:123g)	
COMM 4311/5311	Nonverbal Communication (48C:121g)	
COMM 4316/5316	Mediation Theory and Process (48C:136g)	
COMM 4322/5322	Advanced Interpersonal (48C:144g) Communication	
COMM 4333/5333	Communication and Conflict (48C:148g) Management	
COMM 4344/5344	Intercultural Communication (48C:151g)	
COMM 4346/5346	Gender Issues in (48C:153g) Communication	
COMM 4347/5347	Family Communication (48C:142g)	
COMM 4355/5355	Listening (48C:141g)	
COMM 4411/5411	Language and Communication (48C:122g)	
COMM 4544/5544	Technology and Human (48C:120g) Communication	
COMMGRAD 6014	Critical and Cultural Studies (48C:251) in Communication	
COMMGRAD 6041	Seminar in Organizational (48C:232) Communication	
COMMGRAD 6042	Seminar in Communication (48C:222)	
COMMGRAD 6043	Interpersonal Communication (48C:244)	
COMMGRAD 6044	Seminar in Performance (48C:212) Studies	
COMMGRAD 6045	Seminar in Communication (48C:282) Education	
COMMGRAD 6046	Seminar in Mass (48E:222) Communication	
Total Hours		30

General Communication Emphasis

Non-thesis Option

Required Core:

COMMGRAD 6001	Introduction to Graduate (48C:201,48E:201,48P:201) Study and Research	3
COMMGRAD 6011/6016/6018	Communication Theory	3
COMMGRAD 6022	Communication Research (48C:236) Methodology	3
Select one of the following 200/6000-level seminars:		3

COMMGRAD 6027	Seminar in Public Relations (6 (48P:282) hrs.)	
COMMGRAD 6041	Seminar in Organizational (48C:232) Communication	
COMMGRAD 6042	Seminar in Communication (48C:222)	
COMMGRAD 6044	Seminar in Performance (48C:212) Studies	
COMMGRAD 6045	Seminar in Communication (48C:282) Education	
COMMGRAD 6046	Seminar in Mass (48E:222) Communication	
COMMGRAD 6027	Seminar in Public Relations (48P:282)	

Electives (select 21 hours from the following): 21

COMMGRAD 6014	Critical and Cultural Studies (48C:251) in Communication	
COMMGRAD 6016	Mass Communication Theory (48E:224)	
COMMGRAD 6022	Communication Research (48C:236) Methodology (an additional section/s of this besides what is required))	
COMMGRAD 6027	Seminar in Public Relations (48P:282)	
COMMGRAD 6041	Seminar in Organizational (48C:232) Communication	
COMMGRAD 6042	Seminar in Communication (48C:222)	
COMMGRAD 6043	Interpersonal Communication (48C:244)	
COMMGRAD 6044	Seminar in Performance (48C:212) Studies	
COMMGRAD 6045	Seminar in Communication (48C:282) Education	
COMMGRAD 6046	Seminar in Mass (48E:222) Communication	
Other 200/6000-level or 100g/5000-level (approved through MyUniverse student request)		
Total Hours		33

Thesis Option

Required Core: 18

COMMGRAD 6001	Introduction to Graduate (48C:201,48E:201,48P:201) Study and Research	
COMMGRAD 6011/6016/6018	Communication Theory	
COMMGRAD 6022	Communication Research (48C:236) Methodology	
Select one of the following 200/6000-level seminars:		

List of Programs by Department

COMMGRAD 6027	Seminar in Public Relations (48P:282)	
COMMGRAD 6042	Seminar in Communication (48C:222)	
COMMGRAD 6041	Seminar in Organizational Communication (48C:232)	
COMMGRAD 6044	Seminar in Performance Studies (48C:212)	
COMMGRAD 6045	Seminar in Communication Education (48C:282)	
COMMGRAD 6046	Seminar in Mass Communication (48E:222)	
COMMGRAD 6299	Research (6 hrs.) (48C:299,48E:299,48)	
Electives (select 12 hours from the following):		12
COMMGRAD 6014	Critical and Cultural Studies in Communication (48C:251)	
COMMGRAD 6016	Mass Communication Theory (48E:224)	
COMMGRAD 6022	Communication Research Methodology (an additional section/s of this besides what is required.) (48C:236)	
COMMGRAD 6027	Seminar in Public Relations* (48P:282)	
COMMGRAD 6041	Seminar in Organizational Communication (48C:232)	
COMMGRAD 6042	Seminar in Communication (48C:222)	
COMMGRAD 6043	Interpersonal Communication (48C:244)	
COMMGRAD 6044	Seminar in Performance Studies (48C:212)	
COMMGRAD 6045	Seminar in Communication Education (48C:282)	
COMMGRAD 6046	Seminar in Mass Communication (48E:222)	
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	Introduction to Graduate Study and Research (48C:201,48E:201,48P:201)	3
COMMGRAD 6016/6018	Mass Communication Theory	3
COMMGRAD 6022	Communication Research Methodology (48C:236)	3
COMMGRAD 6046/6048	Seminar in Mass Communication	3

Electives (select 21 hours from the following):

COMMGRAD 6014	Critical and Cultural Studies in Communication (48C:251)	
COMMGRAD 6042	Seminar in Communication (48C:222)	

COMM EM 4600/5600	Selected Topics in Electronic Media (48E:166g)	
COMM EM 4611/5611	Electronic Media Industries: (Topic) (48E:139g)	
COMM EM 4616/5616	Electronic Media: Processes and Effects (48E:141g)	
COMM EM 4633/5633	Electronic Media Criticism: (Topic) (48E:123g)	
COMM EM 4636/5636	Electronic Media: Law and Policy (48E:132g)	
COMM EM 4646/5646	Electronic Media and Culture (48E:121g)	
COMM EM 4647/5647	Communication Technologies (48E:161g)	
COMM EM 4655/5655	Electronic Media: Audience Analysis (48E:131g)	
COMM EM 4656/5656	Electronic Media Management (48E:134g)	
COMM EM 6285 (Readings)		
COMM EM 6286 (Studies in)		
COMMGRAD 6046	Seminar in Mass Communication (first course/topic counts toward core requirement; additional course(s)/topic(s) count as electives) (48E:222)	
COMMGRAD 6900	Graduate Internship (48C:292,48E:292,48P:292)	
COMM J 4711/5711	History of Mass Communication (48J:121g)	
COMM J 4715/5715	Specialized Reporting: (Topics) (48J:178g)	
COMM J 4735/5735	Advanced Reporting (48J:171g)	
COMM J 4743/5743	Mass Communication Law and Ethics (48J:132g)	
COMM J 4754/5754	Global Mass Communication Systems (48J:151g)	
COMM J 4765/5765	Feature Writing (48J:176g)	
COMM PR 3844/5844	Public Relations: Integrated Communications (48P:184g)	
COMM PR 4811/5811	Public Relations: Cases and Studies (48P:188g)	
COMM PR 4822/5822	Global Public Relations (48P:170g)	
COMM PR 4855/5855	Public Relations Campaign Methods (48P:182g)	

COMMGRAD 6027 Seminar in Public Relations (48P:282)	
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 Introduction to Graduate (48C:201,48E:201,48P: Study and Research	3
COMMGRAD 6016/6018 Mass Communication Theory	3
COMMGRAD 6022 Communication Research (48C:236) Methodology	3
COMMGRAD 6046/6048 Seminar in Mass Communication	3
COMMGRAD 6299 Research (6 hrs.) (48C:299,48E:299,48P:2	6

Select 12 hours of electives from the following: * 12

COMMGRAD 6014 Critical and Cultural Studies (48C:251) in Communication	
COMMGRAD 6027 Seminar in Public Relations (48P:282)	
COMMGRAD 6042 Seminar in Communication (48C:222)	
COMM EM 4600/5600 Selected Topics in Electronic Media (48E:166g)	
COMM EM 4611/5611 Electronic Media Industries: (Topic) (48E:139g)	
COMM EM 4616/5616 Electronic Media: Processes and Effects (48E:141g)	
COMM EM 4633/5633 Electronic Media Criticism: (Topic) (48E:123g)	
COMM EM 4636/5636 Electronic Media: Law and Policy (48E:132g)	
COMM EM 4646/5646 Electronic Media and Culture (48E:121g)	
COMM EM 4647/5647 Communication Technologies (48E:161g)	
COMM EM 4655/5655 Electronic Media: Audience Analysis (48E:131g)	
COMM EM 4656/5656 Electronic Media Management (48E:134g)	
COMMGRAD 6046 Seminar in Mass Communication (first course/topic counts toward core requirement; additional course(s)/topic(s) count as electives)	
COMM EM 6285 (Readings)	
COMM EM 6286 (Studies in)	

COMMGRAD 6900 Graduate Internship (48C:292,48E:292,48P:292)	
COMM J 4711/5711 History of Mass (48J:121g) Communication	
COMM J 4743/5743 Mass Communication Law (48J:132g) and Ethics	
COMM J 4754/5754 Global Mass Communication (48J:151g) Systems	
COMM J 4735/5735 Advanced Reporting (48J:171g)	
COMM J 4765/5765 Feature Writing (48J:176g)	
COMM J 4715/5715 Specialized Reporting: (48J:178g) (Topics)	
COMM PR 3844/5844 Public Relations: Integrated (48P:184g) Communications	
COMM PR 4811/5811 Public Relations: Cases and (48P:188g) Studies	
COMM PR 4822/5822 Global Public Relations (48P:170g)	
COMM PR 4855/5855 Public Relations Campaign (48P:182g) 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 Introduction to Graduate (48C:201,48E:201,48P: Study and Research	3
COMMGRAD 6011/6016/6018 Communication Theory	3
COMMGRAD 6022 Communication Research (48C:236) Methodology	3
COMMGRAD 6041 Seminar in Organizational (48C:232) Communication (6 hrs.)	6
COMMGRAD 6045 Seminar in Communication (48C:282) Education	3

Department Electives (select 15 hours from the following): * 15

COMM 4116/5116 Health Communication (48C:138g)	
COMM 4134/5134 Organizational Cultures and (48C:134g) Communication	
COMM 4155/5155 Organizational (48C:135g) Communication Assessment	
COMM 4333/5333 Communication and Conflict (48C:148g) Management	
COMM 4344/5344 Intercultural Communication (48C:151g)	
COMM 4346/5346 Gender Issues in (48C:153g) Communication	
COMMGRAD 6014 Critical and Cultural Studies (48C:251) in Communication	

List of Programs by Department

COMMGRAD 6027	Seminar in Public Relations (48P:282)	
COMMGRAD 6041	Seminar in Organizational Communication (first course/topic counts toward core requirement; additional course(s)/topic(s) count as electives)	
COMMGRAD 6042	Seminar in Communication (48C:222)	
COMMGRAD 6044	Seminar in Performance Studies (48C:212)	
COMMGRAD 6045	Seminar in Communication Education (48C:282)	
COMMGRAD 6046	Seminar in Mass Communication (48E:222)	
Total Hours		33

* With no more than 6 hours taken outside the department. First and second seminar 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.

Thesis Option

Required Core

COMMGRAD 6001	Introduction to Graduate (48C:201,48E:201,48P: Study and Research	3
COMMGRAD 6011/6016/6018	Communication Theory	3
COMMGRAD 6022	Communication Research (48C:236) Methodology	3
COMMGRAD 6041	Seminar in Organizational (48C:232) Communication	6
COMMGRAD 6045	Seminar in Communication (48C:282) Education	3
COMMGRAD 6299	Research (48C:299,48E:299,48P:299)	6

Electives (select 6 hours from the following): *

COMM 4116/5116	Health Communication (48C:138g)	
COMM 4134/5134	Organizational Cultures and (48C:134g) Communication	
COMM 4155/5155	Organizational (48C:135g) Communication Assessment	
COMM 4333/5333	Communication and Conflict (48C:148g) Management	
COMM 4344/5344	Intercultural Communication (48C:151g)	
COMM 4346/5346	Gender Issues in (48C:153g) Communication	
COMMGRAD 6014	Critical and Cultural Studies (48C:251) in Communication	
COMMGRAD 6027	Seminar in Public Relations (48P:282)	

COMMGRAD 6041	Seminar in Organizational (48C:232) Communication (first course/topic counts toward core requirement; additional course(s)/topic(s) count as electives)	
COMMGRAD 6042	Seminar in Communication (48C:222)	
COMMGRAD 6044	Seminar in Performance (48C:212) Studies	
COMMGRAD 6045	Seminar in Communication (48C:282) Education	
COMMGRAD 6046	Seminar in Mass (48E:222) Communication	
Total Hours		30

* With no more than 3 hours taken outside the department. First and second 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.

Performance Studies Emphasis

Non-thesis Option

Required Core

COMMGRAD 6001	Introduction to Graduate (48C:201,48E:201,48P: Study and Research	3
COMMGRAD 6011/6016/6018	Communication Theory	3
COMMGRAD 6022	Communication Research (48C:236) Methodology	3
COMMGRAD 6044	Seminar in Performance (48C:212) Studies	3

Electives (select 21 hours from the following): *

COMM 4344/5344	Intercultural Communication (48C:151g)	
COMM 4346/5346	Gender Issues in (48C:153g) Communication	
COMM 4411/5411	Language and Communication (48C:122g)	
COMM 4444/5444	Communication, Community, (48C:155g) and Change	
COMM 4446/5446	Social Protest: Performance (48C:113g) and Rhetoric	
COMM 4447/5447	Performance and Social (48C:108g) Change	
COMM 4448/5448	Cultural Performance (48C:110g)	
COMM 4490/5490	Interpreters Theatre (48C:117g) Production	
COMM 4544/5544	Technology and Human (48C:120g) Communication	
COMM 4909/5909	Readings in Performance (48C:119g) Studies	
COMMGRAD 6014	Critical and Cultural Studies (48C:251) in Communication	
COMMGRAD 6042	Seminar in Communication (48C:222)	
COMMGRAD 6043	Interpersonal Communication (48C:244)	

List of Programs by Department

COMMGRAD 6046 (48E:222)	Seminar in Mass Communication	
COMM EM 4616/5616 (48E:141g)	Electronic Media: Processes and Effects	
COMM EM 4633/5633 (48E:123g)	Electronic Media Criticism: (Topic)	
COMM EM 4646/5646 (48E:121g)	Electronic Media and Culture	
COMM EM 4647/5647 (48E:161g)	Communication Technologies	
COMM EM 4655/5655 (48E:131g)	Electronic Media: Audience Analysis	
THEATRE 3125/5125 (490:127g)	Acting Studio	
THEATRE 3180/5180 (490:155g)	Theatre Management	
THEATRE 3195/5195 (490:168g)	Playwriting	
ENGLISH 4715/5715 (620:108g)	Craft of Poetry	
ENGLISH 4725/5725 (620:109g)	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:2)	Introduction to Graduate Study and Research	3
COMMGRAD 6011/6016/6018	Communication Theory	3
COMMGRAD 6022 (48C:236)	Communication Research Methodology	3
COMMGRAD 6044 (48C:212)	Seminar in Performance Studies	3
COMMGRAD 6299 (48C:299,48E:299,48P:2)	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 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)	Technology and Human 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 6043 (48C:244)	Interpersonal Communication	
COMMGRAD 6046 (48E:222)	Seminar in Mass Communication	
COMM EM 4616/5616 (48E:141g)	Electronic Media: Processes and Effects	
COMM EM 4633/5633 (48E:123g)	Electronic Media Criticism: (Topic)	
COMM EM 4646/5646 (48E:121g)	Electronic Media and Culture	
COMM EM 4647/5647 (48E:161g)	Communication Technologies	
COMM EM 4655/5655 (48E:131g)	Electronic Media: Audience Analysis	
THEATRE 3125/5125 (490:127g)	Acting Studio	
THEATRE 3180/5180 (490:155g)	Theatre Management	
THEATRE 3195/5195 (490:168g)	Playwriting	
ENGLISH 4715/5715 (620:108g)	Craft of Poetry	
ENGLISH 4725/5725 (620:109g)	Craft of Fiction	
ENGLISH 4740/5740 (620:174g)	Poetry Workshop	
ENGLISH 4750/5750 (620:175g)	Fiction Workshop	
Total Hours		30

List of Programs by Department

* 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 6011/6016/6018	Communication Theory	3
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 6043 (48C:244)	Interpersonal 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 6048 (48P: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)	
COMMGRAD 6900 (48C:292,48E:292,48P:292)	Graduate Internship	
COMM 3000/5000 (48C:166g)	Selected Topics in Communication	
COMM EM 4600/5600 (48E:166g)	Selected Topics in Electronic Media	
COMM J 4711/5711 (48J:121g)	History of Mass Communication	
COMM J 4715/5715 (48J:178g)	Specialized Reporting: (Topics)	
COMM J 4735/5735 (48J:171g)	Advanced Reporting	
COMM J 4743/5743 (48J:132g)	Mass Communication Law and Ethics	
COMM J 4754/5754 (48J:151g)	Global Mass Communication Systems	
COMM J 4765/5765 (48J:176g)	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

* First seminar course/topic can count 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 6011 (48C:224)	Communication Theory	3
or COMMGRAD 6016 (48E:224)	Mass Communication Theory	
or COMMGRAD 6018 (48P: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 6043 (48C:244)	Interpersonal Communication	
COMMGRAD 6044 (48C:212)	Seminar in Performance Studies	
COMMGRAD 6046 (48E:222)	Seminar in Mass Communication	
COMMGRAD 6048 (48P: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)	
COMMGRAD 6900 (48C:292,48E:292,48P:292)	Graduate Internship	
COMM J 4711/5711 (48J:121g)	History of Mass Communication	
COMM J 4715/5715 (48J:178g)	Specialized Reporting: (Topics)	
COMM J 4735/5735 (48J:171g)	Advanced Reporting	
COMM J 4743/5743 (48J:132g)	Mass Communication Law and Ethics	
COMM J 4754/5754 (48J:151g)	Global Mass Communication Systems	

COMM J 4765/5765	Feature Writing (48J:176g)
COMM PR 4811/5811	Public Relations: Cases and Studies (48P:188g)
COMM PR 4822/5822	Global Public Relations (48P:170g)
COMM PR 4855/5855	Public Relations Campaign Methods (48P:182g)
<hr/>	
Total Hours	30

* First seminar course/topic can count toward core requirement; additional 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 graduate program, 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**
 - Certificate in Computer Applications
 - Certificate in Computer Science
 - Certificate in Software Testing

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, 810:030 and 810:036 are regressive to 810:052 and any course having it as prerequisite.
6. All computer science majors must complete the department's core assessment exam before enrolling in any 100-level course/course numbered 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

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 [^] ,#	
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 specialization of three courses from the Foundations area	
A specialization of three courses from one other area	
One course from each of the remaining two areas	
One of the specializations 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

List of Programs by Department

CS 3610/5610 (810:161g)	Artificial Intelligence #	
CS 3810/5810 (810:181g)	Theory of Computation	
CS 4550/5550 (810:155g)	Translation of Programming Languages *	
CS 4620/5620 (810:162g)	Intelligent Systems *	
CS 4880/5880 (810:188g)	Topics in Computer Science	
Information Science:		
CS 3120/5120 (810:112g)	User Interface Design *	
CS 3140/5140 (810:114g)	Database Systems	
CS 3150/5150 (810:115g)	Information Storage and Retrieval	
Software Engineering:		
CS 2720 (810:172)	Software Engineering	
CS 3730/5730 (810:173g)	Project Management *	
CS 3750/5750 (810:175g)	Software Testing *	
CS 4740/5740 (810:174g)	Real-Time Embedded Systems *.#	
Systems:		
CS 2420 (810:142)	Computer Architecture	
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 *	
Electives:		6
Two additional courses selected from some of the computer science "area" courses, CS 2650 (810:165), CS 3650/5650 (810:166g) and 100/300-level courses meeting the mathematics requirements.		
Total Hours		61

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

* One course marked with an asterisk must be completed.

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.

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

Technology:		
TECH 1037 (330:037)	Introduction to Circuits	3
TECH 1039 (330:039)	Circuits and Systems	3

TECH 3156 (330:156)	Advanced Digital Electronics	3
TECH 4104/5104 (330:104g)	Applied Digital Signal Processing	3
Mathematics:		
MATH 1420 (800:060)	Calculus I ^	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 4400/5400 (810:140g)	System Administration	3
CS 4410/5410 (810:141g)	System Security	3
CS 3470/5470 (810:147g)	Networking	3
CS 4800 (810:180)	Undergraduate Research in Computer Science (1 hr.)	1
Physics:		
PHYSICS 1511 (880:054)	General Physics I	4
PHYSICS 1512 (880:056)	General Physics II	4
Electives		
From one of the following areas:		9
Computer Science:		
CS 3430/5430 (810:143g)	Operating Systems	
6 additional hours of computer science [100-level courses numbered 2420 or above, excluding CS 2134 (810:134) and CS 3510 (810:151)]. *		
Technology:		
TECH 2041 (330:041)	Introduction to Analog Electronics	
TECH 3152 (330:152)	Advanced Analog Electronics	
TECH 4103/5103 (330:103g)	Electronic Communications	
Total Hours		57

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

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
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 selected specialty		
One course from each of the other three areas		
Foundations:		
CS 3530 (810:153)	Design and Analysis of Algorithms	
CS 3540 (810:154)	Programming Languages and Paradigms	
CS 3610/5610 (810:161g)	Artificial Intelligence [#]	
CS 3810/5810 (810:181g)	Theory of Computation	
CS 4550/5550 (810:155g)	Translation of Programming Languages [*]	
CS 4620/5620 (810:162g)	Intelligent Systems [*]	
CS 4880/5880 (810:188g)	Topics in Computer Science	
Information Science:		
CS 3120/5120 (810:112g)	User Interface Design [*]	
CS 3140/5140 (810:114g)	Database Systems	
CS 3150/5150 (810:115g)	Information Storage and Retrieval	
Software Engineering:		
CS 2720 (810:172)	Software Engineering	
CS 3730/5730 (810:173g)	Project Management [*]	
CS 3750/5750 (810:175g)	Software Testing [*]	
CS 4740/5740 (810:174g)	Real-Time Embedded Systems ^{*,#}	
Systems:		
CS 2420 (810:142)	Computer Architecture	
CS 4400/5400 (810:140g)	System Administration [*]	
CS 4410/5410 (810:141g)	System Security [*]	
BIOL 4143/5143 (840:143g)	Biogeography and Origins of Diversity	
CS 3470/5470 (810:147g)	Networking	

Electives	3
One additional course selected from among any computer science "area" courses, CS 2650 (810:165), CS 3650/5650 (810:166g), and 100/3000-level courses meeting the mathematics requirement.	
Total Hours	44

[^] 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 (marked with an asterisk) must be taken as one of the three in an area of specialization.

[#] 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.

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:		
CS 1520 (810:052)	Data Structures	4

List of Programs by Department

CS 1800 (810:080)	Discrete Structures	3
CS 2530 (810:053)	Intermediate Computing	3
one course from the following:		3-4
CS 1120 (810:056)	Media Computation	
CS 1130 (810:030)	Visual BASIC Programming	
CS 1140	Introduction to Programming Environments for Education	
CS 1160 (810:036)	C/C++ Programming	
CS 1510 (810:051)	Introduction to Computing	
Total Hours		13-14

Certificate in Software Testing

The Certificate in Software Testing prepares students for employment as testers of software that is created for their major field of study. Their major field of study gives students domain knowledge and the certificate program teaches them the computer skills needed for testing.

Required

Computer Science:		
CS 1071 (810:024)	Software Applications for Testing	3
CS 1072 (810:071)	Software Requirements Analysis	3
CS 1130 (810:030)	Visual BASIC Programming	3
CS 1800 (810:080)	Discrete Structures	3
CS 3750/5750 (810:175g)	Software Testing	3
Total Hours		15

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.)

Curriculum and Instruction: Instructional Technology
Performance and Training Technology
School Library Studies

Graduate Majors (M.A.E.)

Curriculum and Instruction: Early Childhood Education

Curriculum and Instruction: Elementary Education
Curriculum and Instruction: Literacy Education

Graduate Major (Ed.D.)

Doctor of Education: Curriculum and Instruction intensive study area

Program Certificate

Instructional Technology Facilitator Certificate

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:

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:

EDPSYCH 2017 (200:017)	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.)

Educational Psychology:

EDPSYCH 3128 (200:128)	Field Experience: Teacher as Change Agent	1
EDPSYCH 3148 (200:148)	Learning and Instruction in Classroom Contexts	3

Human Relations:

TEACHING 4170/5170 (280:170g)	Human Relations: Awareness and Application	3
-------------------------------	--	---

Measurement and Research:

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 3132	Early Childhood Teaching (280:132)	
Total Hours Professional Education Requirements-Early Childhood		33

II. Early Childhood Education Major Requirements

Required:

Applied Human Sciences, School of:		2
NUTR 1031 (310:031)	Nutrition for Early Childhood Education	
Educational Psychology:		3
EDPSYCH 4109/5109 (200:109g)	Development and Assessment of Young Children	
Elementary, Early Childhood, and Middle Level Education:		20
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 4130/5130 (210:130g)	Guidance and Instruction in Early Childhood Education	
ELEMECML 4149/5149 (210:149g)	Child, Family, School and Community Relationships	
ELEMECML 4151/5151 (210:151g)	Early Childhood Curriculum Development and Organization	
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:		13
MATH 1201 (800:031)	Mathematical Reasoning for Teaching I	
MATH 3202 (800:131)	Mathematical Reasoning for Teaching II	
MATH 3203 (800:134)	Teaching Mathematics in the Elementary School	
MATH 3211 (800:111g)	Introduction to Algebraic Thinking for Elementary Teachers	
Science Education:		11-12
SCI ED 1200 (820:032)	Inquiry into Life Science	
SCI ED 1300 (820:031)	Inquiry into Physical Science	
One of the following:		
SCI ED 1100 (820:033)	Inquiry into Earth and Space Science	
EARTHSCI 1100 (870:010)	Astronomy	

EARTHSCI 1200 (870:021)	Elements of Weather	
EARTHSCI 1300 (870:031)	Introduction to Geology	
Total Hours		55-56

Students seeking dual endorsement, Early Childhood Education with Elementary, may do so by completing a program which includes the following additional course work:

Elementary, Early Childhood, and Middle Level Education:		6
ELEMECML 3120 (210:120)	Classroom Management K-8	
ELEMECML 4150/5150 (210:152g)	Elementary Curriculum	
Elementary, Early Childhood, and Middle Level Education/Music/Art:		3-6
ELEMECML 4123/5123 (210:123g)	Methods of Teaching Visual and Performing Arts Integration in the Elementary Classroom	
or all of the following:		
ARTED 1500 (600:090)	Fine Arts Practices in the Classroom: Art	
MUSIC 3020/5020 (520:102g)	Fine Arts Practices in the Classroom: Music	
THEATRE 3112	Fine Arts Practices in the Classroom: Drama and Theatre	
Health Promotion and Education/Physical Education/Health, Physical Education and Lesiure Services-Interdepartmental:		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	
Literacy Education:		3
LITED 3116 (230:116)	Methods of Teaching Content Literacy in the Intermediate Grades	
Total Hours		15-20

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 3161 (210:161)	Teaching Elementary School Science	3
ELEMECML 3164 (210:164)	Teaching Elementary School Social Studies	3

List of Programs by Department

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 4149/5149 (210:149g)	Child, Family, School and Community Relationships	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)

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

* 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:		4
EDPSYCH 2017 (200:017)	Field Experience: Exploring Teaching	
EDPSYCH 2030 (200:030)	Dynamics of Human Development	

Level II

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

Educational Psychology:		4
EDPSYCH 3128 (200:128)	Field Experience: Teacher as Change Agent	
EDPSYCH 3148 (200:148)	Learning and Instruction in Classroom Contexts	
Human Relations:		3
TEACHING 4170/5170 (280:170g)	Human Relations: Awareness and Application	

Measurement and Research:		2
MEASRES 3150 (250:150)	Classroom Assessment	

Level III

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

Social Foundations:		3
SOCFOUND 3119 (260:119)	Schools and American Society	
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:		12
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 4150/5150 (210:152g)	Elementary Curriculum	
Elementary, Early Childhood, and Middle Level Education/Music/Art:		3-6

ELEMECML 4123/5123 (210:123g)	Methods of Teaching Visual and Performing Arts Integration in the Elementary Classroom
-------------------------------------	---

or all of the following:

ARTED 1500 (600:090)	Fine Arts Practices in the Classroom: Art
MUSIC 3020/5020 (520:102g)	Fine Arts Practices in the Classroom: Music
THEATRE 3112	Fine Arts Practices in the Classroom: Drama and Theatre

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

List of Programs by Department

PEMES 2045 (420:045)	Physical Education for the Elementary Grades	
Mathematics:		13
MATH 1201 (800:031)	Mathematical Reasoning for Teaching I	
MATH 3202 (800:131)	Mathematical Reasoning for Teaching II	
MATH 3203 (800:134)	Teaching Mathematics in the Elementary School	
MATH 3211 (800:111g)	Introduction to Algebraic Thinking for Elementary Teachers	
Science Education/Earth Science:		11-12
SCI ED 1200 (820:032)	Inquiry into Life Science	
SCI ED 1300 (820:031)	Inquiry into Physical Science	
and one of the following courses:		
SCI ED 1100 (820:033)	Inquiry into Earth and Space Science	
EARTHSCI 1100 (870:010)	Astronomy	
EARTHSCI 1200 (870:021)	Elements of Weather	
EARTHSCI 1300 (870:031)	Introduction to Geology	
Total Hours		51-57

* 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 the following courses:

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 Health, Promotion, and Leisure Services)

Mathematics (K-8)-Teaching (listed in Department of Mathematics)

Modern Languages (K-8)-Teaching (listed in Department of Modern Languages)

Physical Education (K-8)-Teaching (listed in School of Health, Promotion, and Leisure Services)

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)

List of Programs by Department

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.

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

Required:

Instructional Technology:	8-9
INSTTECH 1020 (240:020)	Secondary Educational Technology and Design
or INSTTECH 1031 (240:031)	Educational Technology and Design
INSTTECH 1030 (240:030)	Creating Technology-Enhanced Learning Environments
INSTTECH 4131/5131 (240:131g)	Technology in Education
Electives (must be approved by program advisor):	9
INSTTECH 3186 (240:186)	Studies in Media (Studies in)
INSTTECH 4138/5138 (240:138g)	Visual Literacy

List of Programs by Department

INSTTECH 4139/5139 (240:139g)	Instructional Multimedia Planning and Production	
INSTTECH 4140/5140 (240:140g)	Data-Driven Decision Making in Education	
INSTTECH 4147/5147 (240:147g)	Digital Imaging	
INSTTECH 4150/5150 (240:150g)	Digital Instructional Video Production	
INSTTECH 4153/5153 (240:153g)	Emerging Instructional Technologies	
INSTTECH 4160 (240:160)	Instructional Technology Projects	
INSTTECH 4170/5170 (240:170g)	Web-based Instructional Development	
Total Hours		17-18

Literacy Education Minor -Teaching

Required:

Literacy Education:		4
LITED 3140 (230:140)	Assessment and Evaluation of Literacy	
LITED 4193/5193 (230:193g)	Experience in Reading: 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 (230:119)	Language Development and Emergent Literacy	3
LITED 3121 (230:121)	Advanced Children's Literature	3
LITED 3147 (230:147)	Remedial Reading	3
LITED 3192 (230:192)	Experience in Reading: Tutoring	3
Total Hours		21

Reading 5-12 Endorsement

Literacy Education:

LITED 3119 (230:119)	Language Development and Emergent Literacy	3
or TESOL 4510/5510 (630:165g)	Language Development	
LITED 3147 (230:147)	Remedial Reading	3
LITED 3192 (230:192)	Experience in Reading: Tutoring	3

LITED 4117/5117 (230:117g)	Methods of Teaching Content Literacy at the Middle and Secondary Levels	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
LITED 3119 (230:119)	Language Development and Emergent Literacy	3
LITED 3121 (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 (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 Curriculum and Instruction: 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 contact the Department of Curriculum and Instruction for other admission 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 35-44 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:

Curriculum and Instruction:	3
ELEMECML 6201 Issues and Trends in (210:201) Curriculum	
Literacy Education	3
LITED 6212 Methods and Materials in (230:212) Literacy Education	
Instructional Technology:	14
INSTTECH Instructional Multimedia 4139/5139 Planning and Production (240:139g)	
INSTTECH 6232 Selection and Integration of (240:232) Instructional Technology	
INSTTECH 6237 Coordinating Technology in (240:237) an Educational Setting	
INSTTECH 6240 Instructional Design (240:240)	
INSTTECH 6289 Seminar in Instructional (240:289) Technology	
Measurement and Research:	3
MEASRES 6205 Educational Research (250:205)	
Research:	2-6
INSTTECH 6299 Research (240:299)	
Thesis Option (6 hours)	
Non-thesis Option (2 hours)	

Electives: Choose Option 1 or 2 below:	6-15
Option 1 (6 hours - thesis) (10 hours - non-thesis)	
Option 2 (15 hours)	
Total hours Option 1 - thesis or non-thesis option	35
Total hours Option 2 thesis option	44
Total hours Option 2 non-thesis option	40

Option 1

Electives:

Educational Psychology:

EDPSYCH 6214 Foundations of Instructional
(200:214) Psychology

Instructional Technology:

INSTTECH Technology in Education
4131/5131
(240:131g)

INSTTECH Visual Literacy
4138/5138
(240:138g)

INSTTECH Data-Driven Decision Making
4140/5140 in Education
(240:140g)

INSTTECH Digital Imaging
4147/5147
(240:147g)

INSTTECH Digital Instructional Video
4150/5150 Production
(240:150g)

INSTTECH Emerging Instructional
4153/5153 Technologies
(240:153g)

INSTTECH Web-based Instructional
4170/5170 Development
(240:170g)

INSTTECH 6205 Instructional Computing
(240:205) Design

INSTTECH 6210 Distance Education
(240:210)

INSTTECH 6260 Advanced Instructional
(240:260) Technology Projects

INSTTECH 6285 Readings in Instructional
(240:285) Technology

INSTTECH 6286 Studies in Instructional
(240:286) Technology

INSTTECH 6297 Practicum in Instructional
(240:297) Technology

Option 2

Electives:

School Library Studies:

SLS 4114/5114 Introduction to the School
(350:114g) Library Program

SLS 4132/5132 Library Resources for
(350:132g) Children

or SLS 4134/5134 Library Resources for Young Adults
(350:134g)

SLS 6225 (350:225) Administration of the School
Library Program

SLS 6250 (350:250) Reference Services and Information Retrieval

SLS 6290 (350:290) Practicum (3 hrs.)

Major in Performance and Training Technology

This major is offered by the Department of Curriculum and Instruction as a program in performance and training technology for persons planning to work in non-K-12 school or corporate settings.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should contact the Department of Curriculum and Instruction for other admission 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 is designed for a **minimum of 35 semester hours. 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 examination prepared and administered by the thesis committee. The examination will be comprehensive in nature and will normally accompany the thesis defense. A student completing the thesis option must include 6 hours of INSTTECH 6299 (240:299) Research 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 portfolio at the end of the student's program of study.

Majors in this area will complete a basic core of course work applicable to all preparing to work as trainers, instructional designers, or production specialists. Specific areas of interest will determine the supporting electives. Teacher licensure is not required. The student's baccalaureate degree may be in any field.

Required:

Instructional Technology:	14
INSTTECH 4139/5139 (240:139g)	Instructional Multimedia Planning and Production
INSTTECH 6235 (240:235)	Performance Management and Technology
INSTTECH 6240 (240:240)	Instructional Design
INSTTECH 6245 (240:245)	Applied Instructional Design
INSTTECH 6289 (240:289)	Seminar in Instructional Technology
Measurement and Research:	3
MEASRES 6205 (250:205)	Educational Research
Research:	2-6
INSTTECH 6299 (240:299)	Research
Thesis Option (6 hours)	

Non-thesis Option (2 hours)

Electives:

A minimum of 12 hours of electives are required from the following courses:

Instructional Technology:	12
INSTTECH 4150/5150 (240:150g)	Digital Instructional Video Production
INSTTECH 4153/5153 (240:153g)	Emerging Instructional Technologies
INSTTECH 4170/5170 (240:170g)	Web-based Instructional Development
INSTTECH 6205 (240:205)	Instructional Computing Design
INSTTECH 6210 (240:210)	Distance Education
INSTTECH 6230 (240:230)	Communication Theory in Media
INSTTECH 6260 (240:260)	Advanced Instructional Technology Projects
INSTTECH 6285 (240:285)	Readings in Instructional Technology
INSTTECH 6286 (240:286)	Studies in Instructional Technology
INSTTECH 6297 (240:297)	Practicum in Instructional Technology
Other Electives as advised (non-thesis option only)	4
Total hours	35

Major in School Library Studies

Students interested in this program must submit a completed Application for Admission to Graduate Study and should contact the Department of Curriculum and Instruction for other admission 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.

List of Programs by Department

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)	Library Automation Systems and Networks	
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

Major in Curriculum and Instruction: *Specialty Area Focus*

The Curriculum and Instruction: *Specialty Area Focus* master's programs have as their focus the improvement of learning environments for K-12 children. The programs have a common core. Students entering this master's program will need to select a specialty area for their primary area of study. The diploma for the degree will indicate the specialty area.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should contact the Department of Curriculum and Instruction for other admission 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 master's degree is available on the **thesis** and **non-thesis** options. **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 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 completing the thesis option must include 6 hours of xxxx 6299/xxx:299 Research on the program of study. Students completing the **non-thesis** option are required to meet the individual specialty area's requirements for the non-thesis option. These are cited within the description for each specialty area.

The student must complete the Curriculum and Instruction core, the professional core, required courses in the specialty area, and electives for a specified number of semester hours in the program of study.

Required professional core (Core A):

Educational Psychology/Social Foundations (select one of the following):		3
EDPSYCH 6214 (200:214)	Foundations of Instructional Psychology	
SOCFOUND 6234 (260:234)	Philosophy of Education	
Measurement and Research:		3
MEASRES 6205 (250:205)	Educational Research	
Required Curriculum and Instruction:		3
ELEMECML 6201 (210:201)	Issues and Trends in Curriculum	
Literacy Education:		3
LITED 6212 (230:212)	Methods and Materials in Literacy Education	
Instructional Technology:		3
INSTTECH 6232 (240:232)	Selection and Integration of Instructional Technology	
Total Hours		15

Curriculum and Instruction: 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 contact the Department of Curriculum and Instruction for other admission 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 specialty area focus requires a **minimum of 30 semester hours for non-thesis option or 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

- 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:		
EDPSYCH 6214 (200:214)	Foundations of Instructional Psychology	3
MEASRES 6205 (250:205)	Educational Research	3
Curriculum and Instruction Core:		
ELEMECML 6201 (210:201)	Issues and Trends in Curriculum	3
LITED 6212 (230:212)	Methods and Materials in Literacy Education	3
INSTTECH 6232 (240:232)	Selection and Integration of Instructional Technology	3
Specialty area:		
Curriculum and Instruction:		
ELEMECML 6210	Diversity in Early Childhood Education: Theory and Practice	3
ELEMECML 6214 (210:214)	Recent Research in Early Childhood Education	3
ELEMECML 6221 (210:221)	Analysis and Design of Curriculum for Young Children	3
ELEMECML 6236	Assessment in Early Childhood	3
Curriculum and Instruction:		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

Curriculum and Instruction: Elementary Education

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

Students interested in this program must submit a completed Application for Admission to Graduate Study and should contact the Department of Curriculum and Instruction for other admission 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 specialty area focus requires a **minimum of 30 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 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 and Instruction core (see Major in Curriculum and Instruction: Special Area Focus)	15
Specialty Area:	
Curriculum and Instruction:	8
ELEMECML 6242 (210:242)	Analysis and Improvement of Science Instruction in the Elementary School
ELEMECML 6243 (210:243)	Analysis and Improvement of Social Studies Instruction in the Elementary School
ELEMECML 6289 (210:289)	Seminar in Education
Curriculum and Instruction:	1-3 or 6
ELEMECML 6299 (210:299)	Research
Thesis Option (6 hours)	
Non-thesis Option (1-3 hours)	
Approved Electives:	1-6
Total hours	30

Curriculum and Instruction: 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 contact the Department of Curriculum and Instruction for other admission 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:

- Two recommendations from professional educators
- 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 specialty area focus 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

List of Programs by Department

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 and Curriculum and Instruction core (see Major in Curriculum and Instruction: Specialty Area Focus)	15
Specialty Area:	
Literacy Education:	12
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
Literacy Education:	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)	
Total hours	33

Doctor of Education Degree Program

This program is intended to provide practicing educators 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**, including a **minimum of 45 hours of course work at the 200/6000-level or 300/7000-level**. Some intensive study areas may require more hours of 200/6000-level or 300/7000-level course work.

There are three components to the program: 15 semester hours in a *Professional Common Core* of work in educational foundations, fundamentals, and research; 38 semester hours of *Advanced Professional Study* in one of four areas of intensive study and a related area; and a *Dissertation* of 7 semester hours.

By design, then, *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 four areas of intensive study provide for a specialized focus on practice. The four intensive study areas are: *Curriculum and Instruction*; *Educational Leadership*; *Allied Health, Recreation, and Community Services*; and *Special Education*. (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 four areas are listed within respective departments.

The **Curriculum and Instruction** intensive study area is designed to prepare scholar-practitioners to plan, implement, evaluate, and supervise educational programs for children and adult learners. (For more information, contact the Head, Department of Curriculum and Instruction.)

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

Students interested in this program must submit a completed Application for Admission to Graduate Study. Graduate information and application for graduate admission can be found at www.grad.uni.edu/admission. See this University Catalog for requirements concerning admission, candidacy, scholarship, residence, examinations, dissertation, and graduation for the Doctor of Education degree and also visit www.uni.edu/coe/departments/curriculum-instruction/graduate-study/doctoral-study

I. Professional Common Core (15 hours)

Education Foundations:	
Interdepartmental Education:	3
INTDEPED 7301 (190:301)	Context of Contemporary Education
Research:	
Interdepartmental Education:	9
INTDEPED 7303 (190:303)	Inquiry
INTDEPED 7305 (190:305)	Qualitative Methods in Educational Research
INTDEPED 7307 (190:307)	Quantitative Methods in Educational Research
Measurement and Research:	3
Select one of the following:	
MEASRES 6270 (250:270)	Educational Program Evaluation
MEASRES 7300 (250:300)	Descriptive Educational Research
MEASRES 7301 (250:301)	Advanced Experimental Research in Education
MEASRES 7310 (250:310)	Advanced Qualitative Methods in Educational Research

II. Advanced Professional Studies (38 hours)

Requirements for the Curriculum and Instruction intensive study area are:

Required courses in Curriculum and Instruction:	
Curriculum and Instruction:	6
ELEMECML 7352 (210:352)	Curriculum Theory and Development
ELEMECML 7354 (210:354)	Curriculum Implementation and Evaluation
Curriculum and Instruction Seminar:	2-4
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 Instructional Design
(240:240)

Electives: 21-26

III. Dissertation (7 hours)

This is the program component in which the student demonstrates proficiency in the integration of theory and practice (i.e., it involves the application of existing knowledge and/or results of individual research to an educational problem or situation).

Required:

INTDEPED 7389 (190:389)	Doctoral Seminar	1
----------------------------	------------------	---

INTDEPED 7399 (190:399)	Dissertation Research	6
----------------------------	-----------------------	---

Total hours for Doctor of Education: Curriculum and Instruction intensive study area		60
---	--	-----------

- Earth Science
- Earth Science-Teaching

- **Minors**
 - Earth Science
 - Earth Science-Teaching

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

Major programs are offered in one baccalaureate area:

- the 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.

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-level^ courses **		18
--	--	-----------

Total Hours		45
--------------------	--	-----------

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 certificate, contact the Department of Curriculum and Instruction or the Office of the Registrar, which serves as the centralized registry.

Instructional Technology Facilitator Certificate

Required:

Instructional Technology:	18
---------------------------	----

INSTTECH 4131/5131 (240:131g)	Technology in Education
-------------------------------	-------------------------

INSTTECH 4153/5153 (240:153g)	Emerging Instructional Technologies
-------------------------------	-------------------------------------

INSTTECH 4170/5170 (240:170g)	Web-based Instructional Development
-------------------------------	-------------------------------------

INSTTECH 6232 (240:232)	Selection and Integration of Instructional Technology
-------------------------	---

INSTTECH 6237 (240:237)	Coordinating Technology in an Educational Setting
-------------------------	---

INSTTECH 6260 (240:260)	Advanced Instructional Technology Projects
-------------------------	--

Total Hours	18
--------------------	-----------

Department of Earth Science

(College of Humanities, Arts and Sciences)

www.earth.uni.edu

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

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

List of Programs by Department

- * EARTHSCI 1100 (870:010) must be taken for four semester hours of credit.
- ** 100-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) or CHEM 1130 (860:070)	General Chemistry I and General Chemistry II 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-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.

Minors

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.

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

- To graduate with a major in Economics a student must:
 - 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
 - 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)
- ECON 1021 (920:020) counts toward an Economics major **only** in the Business Economics emphasis and does not count toward the minor
- 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.
- ECON 1031 (920:024) does not count toward the Economics major or minor.
- ECON 1041 (920:053) and ECON 1051 (920:054) are minimum prerequisites for all 100/2000/3000/4000-level courses.
- It is recommended that ECON 2122 (920:103) and ECON 2112 (920:104) be taken before other advanced courses in Economics.
- 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 UNIBusiness 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)	Freshman Seminar for Business Professionals	0
BUSINESS 2000 (100:020)	Business Professional 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

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 1140 (800:046)	Precalculus	4
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)	Intermediate Mathematical Analysis I	3
Electives: 100/2000/3000/4000-level economics courses (except ECON 3077 (920:177))	15	
Total Hours	40	

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 UNIBusiness 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

List of Programs by Department

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/elcpe

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 Majors (M.A.E.)**
 - Postsecondary Education: Student Affairs
 - Principalship
- **Graduate Major (Ed.D.)**
 - Doctor of Education: Educational Leadership intensive study area
- **Program Certificates**
 - Advanced Studies Certificate in Educational Leadership
 - Emphasis: Principalship
 - Emphasis: Superintendent Preparation

Master of Arts in Education Degree Programs

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 contact the Department of Educational Leadership and Postsecondary Education for other admission 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 48 semester hours**, and the **non-thesis** option requires a **minimum of 44 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.**

Required professional core

Educational Psychology:

EDPSYCH 6214	Foundations of Instructional Psychology	3
or EDPSYCH 6235	Theories of Human Development	
(200:235)		

OR

Social Foundations:

SOCFOUND 6234	Philosophy of Education	
(260:234)		

Measurement and Research:

MEASRES 6205	Educational Research	3
(250:205)		

Postsecondary education core

Postsecondary Education: Student Affairs:

POSTSEC 6218	Organization and Governance of Postsecondary Education	3
(170:218)		
POSTSEC 6222	Communication and Leadership in Postsecondary Education	3
(170:222)		
POSTSEC 6231	Assessment in Postsecondary Education	3
(170:231)		
POSTSEC 6260	History and Philosophy of Higher Education	3
(170:260)		
POSTSEC 6264	Introduction to Student Affairs	3
(170:264)		
POSTSEC 6266	Administration of Student Affairs	3
(170:266)		
POSTSEC 6270	College Student Development	3
(170:270)		
POSTSEC 6289	Seminar in Postsecondary Education	3
(170:289)		
POSTSEC 6290	Practicum in Postsecondary Education (two are required for 6 hours) *	6
(170:290)		
POSTSEC 6299	Research	2 or 6
(170:299)		

Thesis option (6 hrs)

Non-thesis option (2 hrs)

Electives may include, but are not limited to, the following: 6

POSTSEC 6250	Teaching in College	
(170:250)		
POSTSEC 6256	The Two-Year College	
(170:256)		
POSTSEC 6285	Readings in Postsecondary Education **	
(170:285)		
POSTSEC 6291	Internship in Postsecondary Education	
(170:291)		

Education, Interdepartmental:

INTDEPED 7305	Qualitative Methods in Educational Research	
(190:305)		

Educational Psychology:

EDPSYCH 6214	Foundations of Instructional Psychology	
(200:214)		

Measurement and Research:

MEASRES 4180/5180	Statistical Methods in Education	
(250:180g)		
MEASRES 4181/5181	Educational Evaluation in Teaching	
(250:181g)		
MEASRES 7300	Descriptive Educational Research	
(250:300)		

Social Foundations:

SOCFOUND 6234	Philosophy of Education	
(260:234)		

Counseling:

COUN 4105/5105	Counseling Skills	
(290:105g)		
COUN 6220	Group Counseling Skills and Processes	
(290:220)		
COUN 6225	Facilitating Career Development	
(290:225)		
COUN 6256	Multicultural Counseling	
(290:256)		

List of Programs by Department

Psychology:

PSYCH 3305/5305 Industrial Psychology
(400:157g)

PSYCH 3304/5304 Organizational Psychology
(400:158g)

Communication:

COMM 4344/5344 Intercultural Communication
(48C:151g)

COMM 4346/5346 Gender Issues in
Communication
(48C:153g)

Total hours thesis option 48

Total hours non-thesis option 44

* **Note:** Upon advisement, some students may substitute course work for practicum. A license to teach is not required for this major.

** 1-3 hrs.; may be repeated for a maximum of 6 hrs.

Major in Principalship

Students interested in this program must submit a completed Application for Admission to Graduate Study and should contact the Department of Educational Leadership and Postsecondary Education for other admission 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 Foundations of Instructional Psychology 3
(200:214)

Special Education:

SPED 6260 (220:260) Special Education Law and Policy 3

Measurement and Research:

MEASRES 6205 Educational Research 3
(250:205)

Additional educational leadership courses

Educational Leadership: 25

EDLEAD 6206 Orientation to ISSL and Educational Leadership
(270:206)

EDLEAD 6232 School Governance, Law and Intersystems Relations
(270:232)

EDLEAD 6245 Leadership for Effective Schools
(270:245)

EDLEAD 6247 School Management for Student Learning
(270:247)

EDLEAD 6249 Leading Learning, Teaching, and Curriculum
(270:249)

EDLEAD 6282 Leading School Growth and Improvement
(270:282)

EDLEAD 6284 Evaluator Approval for Improved Student Learning
(270:284)

EDLEAD 6289 Seminar in Educational Leadership
(270:289)

EDLEAD 6225 Activities Administration I

or

EDLEAD 6235 Community Connections I

EDLEAD 6226 Activities Administration II

or

EDLEAD 6236 Community Connections II

Internship

Educational Leadership:

EDLEAD 6291 Internship 2
(270:291)

EDLEAD 6292 Capstone ISSL 1
(270:292)

Total hours non-thesis Option 37

Thesis Option

EDLEAD 6299 Research 6
(270:299)

Total Hours thesis option 43

Doctor of Education Degree Program

This program is intended to provide practicing educators 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**, including a **minimum of 45 hours of course work at the 200/6000-level or 300/7000-level**. Some intensive study areas may require more hours of 200/6000-level or 300/7000-level course work.

There are three components to the program: 15 semester hours in a *Professional Common Core* of work in educational foundations, fundamentals, and research; 38 semester hours of *Advanced Professional Study* in one of four areas of intensive study and a related area; and a *Dissertation* of 7 semester hours.

By design, then, *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 four areas of intensive study provide for a specialized focus on practice. The four intensive study areas are: *Allied Health, Recreation and Community Services; Curriculum and Instruction; Educational Leadership; and Special Education*. (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.) **For brief definitions**

of the four areas refer to respective departments within this University Catalog.

The **Educational Leadership** area of intensive study involves the preparation of personnel for leadership roles in PK-12 schools, postsecondary institutions, and non-school educational settings. (For more information, contact the Head, Department of Educational Leadership and Postsecondary Education.)

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

Students interested in this program must submit a completed Application for Admission to Graduate Study and should contact the Department of Educational Leadership and Postsecondary Education for any other admission 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 Education degree refer to appropriate sections of this University Catalog or visit <http://www.uni.edu/coe/departments/educational-leadership-postsecondary-education>.

I. Professional Common Core (15 hours)

Education Foundations		
INTDEPED 7301 (190:301)	Context of Contemporary Education	3
Research		
Indepartmental, Education: 9		
INTDEPED 7303 (190:303)	Inquiry	
INTDEPED 7305 (190:305)	Qualitative Methods in Educational Research	
INTDEPED 7307 (190:307)	Quantitative Methods in Educational Research	
Measurement and Research:		
Select one of the following: 3		
MEASRES 6270 (250:270)	Educational Program Evaluation	
MEASRES 7300 (250:300)	Descriptive Educational Research	
MEASRES 7301 (250:301)	Advanced Experimental Research in Education	
MEASRES 7310 (250:310)	Advanced Qualitative Methods in Educational Research	

II. Advanced Professional Studies (38 hours)

Requirements for the Educational Leadership Intensive area		
Educational Leadership: 3		
POSTSEC 7311 (170:311) or EDLEAD 7311 (270:311)	Educational Leadership and Systems Change Educational Leadership and Systems Change	
Seminar: 3		
POSTSEC 7389 (170:389) or EDLEAD 7389 (270:389)	Seminar in Postsecondary Education Seminar in Educational Leadership	
Practicum: 3		
POSTSEC 7397 (170:397) or EDLEAD 7397 (270:397)	Practicum: Postsecondary Education Practicum in Educational Leadership	

OR

Internship:		
POSTSEC 7391 (170:391) or EDLEAD 7391 (270:391)	Internship in Postsecondary Education Internship in Educational Leadership	
Electives as follows 29		
Choose from the following courses (but not limited to these courses) At least 6 hours must be in an area outside of the elected area of intensive study. Courses used for an Advanced Studies Certificate cannot be used as courses outside the area of intensive study.		
EDLEAD 6206 (270:206)	Orientation to ISSL and Educational Leadership	
EDLEAD 6224 (270:224)	Organizational Studies	
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 6285 (270:285)	Readings in Educational Leadership *	
EDLEAD 6289 (270:289)	Seminar in Educational Leadership *	
EDLEAD 6290 (270:290)	Practicum in Principalship	
EDLEAD 6291 (270:291)	Internship	
EDLEAD 6292 (270:292)	Capstone ISSL	
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 7325 (270:325)	Organization, Governance, and Administration of Public Education	
EDLEAD 7340 (270:340)	Funding the Educational Program for Improved Student Achievement	
EDLEAD 7346 (270:346)	School Business Management	
EDLEAD 7354 (270:354)	Collective Bargaining in the Public Sector	
EDLEAD 7385 (270:385)	Readings in Educational Leadership	

List of Programs by Department

EDLEAD 7389 (270:389)	Seminar in Educational Leadership *	
EDLEAD 7391 (270:391)	Internship in Educational Leadership	
EDLEAD 7397 (270:397)	Practicum in Educational Leadership	
III. Dissertation (7 hours)		
This is the program component in which the student demonstrates proficiency in the integration of theory and practice (i.e., it involves the application of existing knowledge and/or results of individual research to an educational problem or situation).		
Doctoral Seminar:		1
INTDEPED 7389 (190:389)	Doctoral Seminar	
Dissertation Research:		6
INTDEPED 7399 (190:399)	Dissertation Research	
Total Hours		60

* 1-3 hrs.; may be repeated with department approval.

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
Measurement and Research:		
MEASRES 6205 (250:205)	Educational Research	3
Special Education:		
SPED 6260 (220:260)	Special Education Law and Policy	3
Educational Leadership:		
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 I	
or		
EDLEAD 6235	Community Connections I	
EDLEAD 6226	Activities Administration II	
or		
EDLEAD 6236	Community Connections II	
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. (There are no undergraduate majors or minors in the Department of Educational Psychology and Foundations.) The specific requirements for these graduate programs

are listed within this Department of Educational Psychology and Foundations section in the following order:

- **Graduate Majors (M.A.E.)**
 - Educational Psychology
 - Educational Psychology: Professional Development for Teachers
- **Graduate Major (Ed.S.)**
 - Specialist in Education: School Psychology

Master of Arts in Education Degree Programs

Major in Educational Psychology

This major is designed for:

1. students planning further graduate studies in educational or school psychology;
2. persons with work experience as teachers, instructors or trainers in schools, business, or human service agencies who are seeking further professional development.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should contact the Department of Educational Psychology and Foundations for any other admission 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 36 semester hours** is required for the **thesis** option and a **minimum of 33 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
---------------------------	----------------------	---

Select one of the following:

		3
--	--	---

Educational Psychology:

EDPSYCH 4140/5140 (200:140g)	Social Psychology, Education	
------------------------------------	------------------------------	--

Social Foundations:

SOCFOUND 6234 (260:234)	Philosophy of Education (approved by advisor)	
----------------------------	--	--

Professional Studies

3 or 6

Thesis Option (6 hours)

EDPSYCH 6299 (200:299)	Research	
---------------------------	----------	--

Non-thesis Option (3 hours)

List of Programs by Department

EDPSYCH 6285 (200:285)	Readings	
EDPSYCH 6290 (200:290)	Practicum in Education and Psychology	
EDPSYCH 6299 (200:299)	Research	
Electives: a minimum of 6 hours		6
Electives will be selected in consultation with advisor and require approval of the graduate coordinator.		
Educational Psychology emphasis: completion of at least 15 hours (advisor approved) in one of the three emphases listed below:		15
Thesis Option total		36
Non-thesis option total		33

Development and Learning Emphasis (15 hours)

Educational Psychology		
3 hours from the following:		
EDPSYCH 6235 (200:235)	Theories of Human Development	
OR		
EDPSYCH 4116/5116 (200:116g) & EDPSYCH 6285 (200:285)	Psychology of Adolescence and Readings	
OR		
EDPSYCH 6224 (200:224)	Adult Development and Learning	
6 hours approved by department		6
Measurement and Research		
MEASRES 4180/5180 (250:180g)	Statistical Methods in Education	

Research and Evaluation Emphasis (15 hours)

Measurement and Research		
MEASRES 4180/5180 (250:180g)	Statistical Methods in Education	
MEASRES 4181/5181 (250:181g)	Educational Evaluation in Teaching	
MEASRES 6281 (250:281)	Statistics and Measurement	
3 hours in Development and Learning Emphasis; and one of the following:		
INTDEPED 7305 (190:305)	Qualitative Methods in Educational Research	
MEASRES 6270 (250:270)	Educational Program Evaluation	
MEASRES 7300 (250:300)	Descriptive Educational Research	
MEASRES 7301 (250:301)	Advanced Experimental Research in Education	

Context and Techniques of Assessment Emphasis (15 hours)

Choose 15 hours from the following courses:		15
Educational Psychology:		
EDPSYCH 4176/5176 (200:176g)	Learning and Behavioral Problems in Education	
EDPSYCH 6240 (200:240)	Introduction to School Psychology	
EDPSYCH 6280 (200:280)	Psychological Consultation in Schools	
EDPSYCH 6232 (200:232)	Risk and Resilience: Child, Family, School and Community Factors	
EDPSYCH 6289 (200:289)	Seminar in Education and Psychology	
EDPSYCH 6286		
Special Education:		
SPED 6260 (220:260)	Special Education Law and Policy	
Measurement and Research:		
MEASRES 6281 (250:281)	Statistics and Measurement	
MEASRES 6282 (250:282)	Individual Intellectual Assessment	
MEASRES 6283 (250:283)	Academic Assessment and Intervention	
MEASRES 6284 (250:284)	Psychosocial Assessment	

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 contact the Department of Educational Psychology and Foundations for any other admission 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.**

Successful completion of a final oral comprehensive examination is required for **both the thesis and non-thesis options.**

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 6234 (260:234)	Philosophy of Education	3
Research: xxx: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	
EDPSYCH 6286		
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)	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 contact the Department of Educational Psychology and Foundations for other admission 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 other sections 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 69 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.: General Educational Psychology degree program 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. A student who did not complete a thesis at the master's degree level must select the thesis option to complete the Ed.S. degree.

This major is also available on the **non-thesis** option. Students who completed a thesis as part of a master's degree program may request to have the Ed.S. thesis requirement waived. At the time of admission, the student requesting a waiver will submit a copy of the master's thesis to the School Psychology Committee. The thesis will be reviewed by the School Psychology Committee to determine if the work meets Ed.S. program thesis standards. This determination will be based on

1. the relevance of the topic to the practice of school psychology,
2. whether the thesis is empirically based, and
3. whether the thesis is of such quality that it would be accepted as an Ed.S. thesis in the program.

Notice of approval or nonapproval of the waiver of the Ed.S. thesis will be sent by the program coordinator to the student, the Graduate College, and the Office of the Registrar.

List of Programs by Department

A student who qualifies for the non-thesis option will complete a research paper on a topic related to school psychology. Depending on the extent of the research paper, the student may earn 1-3 semester hours of research credit.

For the thesis and non-thesis options, a **minimum of 36 semester hours** is required. A **minimum of 15 hours of 200/6000-level course work is required**. Successful completion of a final oral examination is required.

Required

Completion of at least 10 hours selected from the following or other courses as approved by department:	10
Educational Psychology:	
EDPSYCH 6286	
EDPSYCH 6289 (200:289)	Seminar in Education and Psychology
Measurement and Research:	
MEASRES 6284 (250:284)	Psychosocial Assessment
MEASRES 6286	
Professional Studies:	
EDPSYCH 6290 (200:290)	Practicum in Education and Psychology 3-5
EDPSYCH 6291 (200:291)	Internship in School Psychology 6
EDPSYCH 6299 (200:299)	Research 1-3 or 6
Thesis Option (6 hrs)	
Non-thesis Option (1-3 hrs)	
One of the following:	3
Special Education:	
SPED 6260 (220:260)	Special Education Law and Policy
Educational Psychology:	
EDPSYCH 6289 (200:289)	Seminar in Education and Psychology
One of the following:	3
Literacy Education:	
LITED 6238 (230:238)	Advanced Assessment and Evaluation of Literacy Development
Educational Psychology:	
EDPSYCH 6289 (200:289)	Seminar in Education and Psychology
Counseling & Behavior Modification - one of the following:	3
COUN 6254 (290:254)	Counseling Children and Adolescents
PSYCH 6407 (400:272)	Evidence Based Treatment
Total hours	36

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 UNIBusiness 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 UNIBusiness 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)	Freshman Seminar for Business Professionals	0
BUSINESS 2000 (100:020)	Business Professional 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 Services

Required		
Finance:		
FIN 3170/5170 (160:153g)	Commercial Bank Management	3
Select one of the following:		
FIN 3034 (160:154)	Financial Information Systems and Analysis	3
FIN 3065/5065 (160:157g)	Fixed Income Analysis	
FIN 3125 (160:141)	Real Estate Finance	
Electives		3
Finance:		
FIN 3032/5032 (160:158g)	International Financial Management	
FIN 3050 (160:162)	Risk Management and Insurance	
FIN 3055 (160:163)	Insurance Company Operations	
FIN 3125 (160:141) or FIN 3034 (160:154)	Real Estate Finance * ,*** Financial Information Systems and Analysis	
Economics:		

List of Programs by Department

ECON 2132 (920:113)	Money and Banking	
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)	Freshman Seminar for Business Professionals	0
BUSINESS 2000 (100:020)	Business Professional 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:		

List of Programs by Department

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.

List of Programs by Department

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)	Ethics in Business	
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-Liberal Arts
- **Graduate Major (M.A.)**

- Geography

• Program Certificate

- Certificate in Cartography and Geographic Information Systems (GIS)

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 (4 hr. version)	
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:		3
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:		
CS 1130 (810:030)	Visual BASIC 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:

List of Programs by Department

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 Human Geographic Processes	
Geography:	
GEOG 4110/5110 (970:111g)	Cultural Geography
GEOG 4120/5120 (970:119g)	Demography and Population Geography
GEOG 4130/5130 (970:114g)	Political Geography
GEOG 4140/5140 (970:116g)	Geopolitics: (Variable Topic)
GEOG 4190/5190 (970:117g)	Transportation Planning and Policy
Or approved courses in cognate areas.	
Application Focus on Economic Geography and Business	
Management:	
MGMT 3153 (150:153)	Organizational Management
MGMT 3919/5919 (150:119g)	Leadership and Human Relations
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	
Health Promotion:	
HPE 3110 (410:110)	Introduction to Epidemiology
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 4130/5130 (970:114g)	Political 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	3-4
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
Methods select one of the following:		3
Mathematics:		
STAT 1772 (800:072)	Introduction to Statistical Methods	
Geography:		
GEOG 3310 (970:164)	Geographic Information Systems I	
Sociology:		

List of Programs by Department

SOC 2020 (980:080) Statistics for Social Research	
Electives in geography *	18
Total Hours	37-38

* 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-Liberal Arts

Required	
Geography:	
GEOG 1120 (970:010) Human Geography	3
or GEOG 1110 World Geography (970:040)	
GEOG 1210 (970:026) Physical Geography (4 hrs.)	4
Electives in geography *	12
Total Hours	19

* 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 the program should contact the graduate coordinator in the Department of Geography. 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** and **non-thesis** 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.

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 Cartography and Geographic Information Systems (GIS)

The Certificate in Cartography and Geographic Information Systems (GIS) is designed to give the student a substantial background in the fields of cartography and geographic information systems. Students completing the program will be familiar with the terminology, techniques and theory of cartography and GIS principles. 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.

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.

Required	
Geography:	
GEOG 3310 (970:164) Geographic Information Systems I	3
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	
Total Hours		15

- Coaching
- Physical Education-Elementary Teaching
- **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
- **Graduate Major (Ed.D.)**
 - Doctor of Education: Allied Health, Recreation and Community Services intensive study area
- **Program Certificates**
 - Aquatics Specialization Certificate
 - Nonprofit Management Certificate
 - Outdoor Recreation Certificate
 - School-Age Care Leadership Certificate
 - Tourism Certificate

School of Health, Physical Education, and Leisure Services

(College of Education)

www.uni.edu/coe/hpels

The School of Health, Physical Education, and Leisure Services offers the following undergraduate and graduate programs and program certificates. Specific requirements for these programs are listed within this School of Health, Physical Education, and Leisure Services section *by division* within the School, in the following order:

Division of Athletic Training -

- **Undergraduate Major (B.A.)**
 - 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 Certificate
 - Certificate in Global Health and Health Disparities

Division of Physical Education -

- **Undergraduate Majors (B.A.)**
 - Movement and Exercise Science
 - Physical Education-Teaching
- **Minors**

Division of Athletic Training Academic Standard Policy

Major Requirements

1. Students should indicate their interest in majoring in the B.A. Athletic Training any time after their admission to UNI by completing the Declaration of Curriculum form, and selecting the choice to continue as a student at UNI as a **prospective** major of *Athletic Training*. 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 Athletic Training Education Program (ATEP) requirements. All documents can be downloaded from the ATEP Web site at www.uni.edu/coe/departments/school-health-physical-education-leisure-services/athletic-training.
2. A student's freshman year shall be devoted primarily to completing the prerequisite core in Athletic Training (AT 1010 (42T:023) Introduction to Athletic Training). Liberal Arts Core and/or electives should be taken by students to complete their schedules.
3. Students desiring to apply to the athletic training program must do the following:
 - A. Obtain an application packet from room 003 in the Human Performance Center (HPC).
 - B. Submit all materials by March 1st of each year to the Athletic Training Program office (HPC 003).
 - C. Students may apply while enrolled in the prerequisite courses.
4. 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:

List of Programs by Department

- A. Cumulative grade point average (2.50 minimum GPA accepted);
 - B. AT 1010 (42T:023) Introduction to Athletic Training grade;
 - C. Application materials;
 - D. Recommendations;
 - E. Interview results;
 - F. Athletic Training Observation (minimum of 30 hours of observation) with a Certified Athletic Trainer;
 - G. Peer Mentoring learning objectives.
5. A committee of faculty, staff, and students will be assigned to the acceptance committee and will review the applications.
 6. Notification of admittance will be made at the end of Spring semester.
 7. 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 ATEP Program Director.
 - B. Begin the Hepatitis B Vaccination series or sign the waiver form.
 - C. Provide physician certification that they are physically capable of handling the duties required of an athletic training student.
 - D. Complete the Athletic Training Education Program's Technical Standards Form.
 - E. Complete all other paper work available at the ATEP office.
 8. Students not accepted into the program will be restricted from taking Athletic Training courses beyond AT 1010 (42T:023) Introduction to Athletic Training .
 9. Transfer students entering UNI shall be subject to the admission and acceptance requirements listed above.
 10. To graduate from UNI with an Athletic Training major, students must:
 - A. Maintain current CPR, OSHA, and First Aid certifications.
 - B. Pass an annual physical.
 - C. Maintain a 2.50 cumulative GPA, and 3.00 GPA for Athletic Training courses.
 - D. Complete a minimum of 160 hours, maximum of 320 hours, of field experience each semester, depending on their level in the program (1st, 2nd, or 3rd year).
 - E. Be enrolled in the athletic training program for six semesters or a minimum of four semesters if transferring.
 - i Please note that if a student wishes to transfer to UNI they must complete the six semesters of athletic training education and field experience. A student may transfer prior class work and field experiences but must request the petition forms from the athletic training program. (Additional transfer student policies are available at the ATEP office.)
 - ii Transfer students should assume that they would be in the program for three academic years unless petitioning for acceptance of prior course work and/or field experiences.
 - F. Follow the athletic training curricular plan as outlined in the student handbook.

- G. Complete and follow the athletic training curricular plan as outlined in the student handbook.
Complete the Athletic Training major.

11. All other program information is available at the athletic training program office 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 National Athletic Training 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 education program is accredited by the Commission on the Accreditation of Athletic Training Education (CAATE).

Prerequisite core:

Athletic Training:	2
--------------------	---

AT 1010 (42T:023)	Introduction to Athletic Training (or the equivalent)
-------------------	---

Required core:

Biology:	8
----------	---

BIOL 3101 (840:101)	Anatomy and Physiology I *
---------------------	----------------------------

BIOL 3102 (840:102)	Anatomy and Physiology II
---------------------	---------------------------

Physical Education:	6
---------------------	---

PEMES 3153 (420:153)	Physiology of Exercise **
----------------------	---------------------------

PEMES 3157 (420:157)	Sports Nutrition ***
----------------------	----------------------

Athletic Training:	37-43
--------------------	-------

AT 2011 (42T:024)	Introduction to Athletic Training Clinical Experience (or the equivalent)
-------------------	---

AT 2020 (42T:028)	Clinical Anatomy
-------------------	------------------

AT 2030 (42T:033)	Emergency Care in Athletic Training
-------------------	-------------------------------------

AT 2031 (42T:034)	Emergency Care in Athletic Training Clinical Experience
-------------------	---

AT 3040 (42T:137)	Lower Body Injury Assessment
-------------------	------------------------------

AT 3041 (42T:138)	Lower Body Injury Assessment Clinical Experience
-------------------	--

AT 3050 (42T:134)	Upper Body Injury Assessment
-------------------	------------------------------

AT 3051 (42T:135)	Upper Body Injury Assessment Clinical Experience
-------------------	--

AT 3060 (42T:110)	Athletic Training Administration
-------------------	----------------------------------

AT 3000 (42T:140)	Athletic Training Practicum ^
-------------------	-------------------------------

AT 3070 (42T:143)	Therapeutic Modalities
AT 3071 (42T:144)	Therapeutic Modalities Clinical Experience
AT 3080 (42T:157)	Therapeutic Exercise
AT 3081 (42T:158)	Therapeutic Exercise Clinical Experience
AT 3090 (42T:162)	Athletic Training Pharmacology
AT 3110 (42T:165)	Psychological Considerations for Athletic Injuries and Rehabilitation
AT 3120 (42T:170)	Athletic Training Pathology
AT 3130 (42T:175)	General Medical Conditions
Total Hours	53-59

- * BIOL 3101 (840:101) Anatomy and Physiology I prerequisites are not required for Athletic Training majors.
- ** PEMES 3153 (420:153) Physiology of Exercise prerequisite is satisfied by PEMES 2050 or AT 2020 for Athletic Training majors.
- ***PEMES 3157 (420:157) Sports Nutrition prerequisite is satisfied by AT 2020 for Athletic Training majors.
- ^ 6-12 hrs. - minimum 6 hrs. but may be repeated for maximum of 12 hrs., over four to six semesters

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 should contact the Division of Athletic Training (within the School of Health, Physical Education, and Leisure Services) for program application materials or for any other admission requirements. Graduate College 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 a **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:		24
AT 6210 (42T:210)	Pathoetiology and Orthopaedic Assessment I	
AT 6220 (42T:220)	Pathoetiology and Orthopaedic Assessment II	
AT 6240 (42T:230)	Evidence Based Practice I	
AT 6250 (42T:240)	Evidence Based Practice II	
AT 6260 (42T:250)	Orthopaedic Surgical Interventions	
AT 6289 (42T:289)	Seminar in Athletic Training (10 hrs.)	
AT 6297 (42T:297)	Practicum (4 hrs.)	
Health, Physical Education 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:		2-3 or 6
PEMES 6299 (420:299)	Research	
Thesis option (6 hrs.)		
Non-thesis option (2-3 hrs.)		
Electives:		0 or 3-4
Thesis option (0 hrs.)		
Non-thesis option (3-4 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.

Public health education promotes the health of the general public using a wide variety of methods in a wide variety of settings. This major helps students acquire the skills and abilities to develop, implement, and evaluate health education programs. Our curriculum is tailored to meet national competencies for health educators. A degree in health promotion prepares students to sit for the National Certified Health Education Specialist exam (CHES).

A student declaring a major in Health Promotion will be required to have sophomore standing and a minimum GPA of 2.50 for all courses whether taken at UNI or transferred from other institutions. A minimum 2.50 GPA will be required for admission to HPE 4768 (410:168) Field Experience in Health Promotion . 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.

List of Programs by Department

Required common core

Health Promotion and Education:		
HPE 3110 (410:110)	Introduction to Epidemiology	3
HPE 3112 (410:112)	Human Structure and Function	3
HPE 4256/5256 (410:156g)	Implementing Public Health and Health Promotion Programs **	3
HPE 4353/5353 (410:153g)	Public Health Theory and Application **	3
HPE 4376/5376 (410:176g)	Planning Public Health/Health Promotion Programs **	3
HPE 4485/5485 (410:145g)	Public Health/Health Promotion Evaluation *	3
HPE 4663/5663 (410:163g)	Human Diseases	3
HPE 4665/5665 (410:165g)	Environmental Health Science	3
Total Hours		24

* This course has additional prerequisites as follows: HPE 4485/5485 (410:145g) Public Health/Health Promotion Evaluation has a prerequisite of MEASRES 4180/5180 (250:180g) Statistical Methods in Education or 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.

** HPE 4353/5353 (410:153g) Public Health Theory and Application, HPE 4256/5256 (410:156g) Implementing Public Health and Health Promotion Programs, and HPE 4376/5376 (410:176g) Planning Public Health/Health Promotion Programs not required for Option 4, Environmental Health.

Choose one of the following 4 options

Option 1 - Health and Fitness Promotion		33
Required:		
Health Promotion and Education:		
HPE 1101 (410:005)	Introduction to Public Health	
HPE 3118 (410:118)	Teaching Aerobics	
or equivalent (equivalency requires approval by department)		
HPE 4155/5155 (410:155g)	Stress Management	
HPE 4164/5164 (410:164g)	Health Care and the Consumer	
HPE 4431/5431 (410:131g)	Worksite Health Promotion	
HPE 4551/5551 (410:151g)	Nutrition for Health Promotion	
HPE 4768 (410:168)	Field Experience in Health Promotion	
Physical Education:		
PEMES 2050 (420:050)	Anatomy and Physiology of Human Movement	
PEMES 3153 (420:153)	Physiology of Exercise	
PEMES 3156 (420:156)	Fitness Assessment and Programming	
Total Hours		33

Option 2 - Women's Health		31
Required:		
Health Promotion and Education:		
HPE 1101 (410:005)	Introduction to Public Health	
HPE 2120 (410:020)	Maternal and Infant Health	
HPE 4162/5162 (410:162g)	Introduction to Women's Health	
HPE 4328/5328 (410:128g)	Selected Topics in Women's Health	
HPE 4378/5378 (410:178g)	Health Advocacy, Social Action and Policy Development	
HPE 4551/5551 (410:151g)	Nutrition for Health Promotion	
HPE 4768 (410:168)	Field Experience in Health Promotion (12 hours)	
Electives (select one from the following):		
Applied Human Sciences, School of:		
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 Differences ^	
Health Promotion and Education:		
HPE 4125/5125 (410:125g)	Aging and Health	
Leisure, Youth and Human Services:		
LYHS 4055 (430:151)	Fundraising, Grant Writing and Budgeting for LYHS	
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	
History:		
HISUS 4260/5260 (961:146g)	United States Women's History	
Sociology:		
SOC 3411/5411 (980:167g)	Gender in Cross-Cultural Perspective ^	
Total Hours		31

^ These courses in Option 2 have additional prerequisites as follows:
 FAM SERV 3155/5155 (31F:155g) Parenting has a prerequisite of FAM SERV 1020 (31F:020) Family Relationships or FAM SERV 1055 (31F:055) Human Growth and Development or PSYCH 2202 (400:120) Developmental Psychology.
 FAM SERV 4157/5157 (31F:157g) Human Sexuality Education has prerequisite of FAM SERV 1057 (31F:057) Human Relationships and Sexuality; 3 hours social science research methods.
 PSYCH 2201 (400:060) Psychology of Gender Differences has prerequisite of PSYCH 1001 (400:001) Introduction to Psychology.
 COMM 4347/5347 (48C:142g) Family Communication has prerequisite of COMM 2344 (48C:004) Interpersonal Communication.
 SOC 3411/5411 (980:167g) Gender in Cross-Cultural Perspective has prerequisite of PSYCH 1001 (400:001) Introduction to Psychology or SOC 1000 (980:001) Introduction to Sociology or ANTH 1002 (990:011) Culture, Nature, and Society.

Option 3 - Global Health and Health Disparities: 29-30
 Required:

Health Promotion and Education:

HPE 1101 (410:005)	Introduction to Public Health
HPE 4161/5161 (410:161g)	Global Health Mission
HPE 4167/5167 (410:167g)	Cultural Competency for the Helping Professions
HPE 4247/5247 (410:147g)	Minority Health
HPE 4378/5378 (410:178g)	Health Advocacy, Social Action and Policy Development
HPE 4438/5438 (410:138g)	International Health
HPE 4551/5551 (410:151g)	Nutrition for Health Promotion
HPE 4768 (410:168)	Field Experience in Health Promotion (12 hours)

Electives (select one of the following):

Health Promotion and Education:	
HPE 2120 (410:020)	Maternal and Infant Health
HPE 3650/CAP 3152 (CAP:152)	Complementary, Alternative, and Integrative Health
HPE 4125/5125 (410:125g)	Aging and Health
Social Work:	
SW 4163/5163 (450:163g)	Minority Group Relations
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 29-30

Option 4 - Science Intensive: Environmental Health*

Required: 33-34

Health Promotion and Education:

HPE 1101 (410:005)	Introduction to Public Health
HPE 4580/5580 (410:180g)	Environmental Health, Field Methods, Technology, and Laboratory Applications #
HPE 4666/5666 (410:166g)	Environmental and Occupational Health Regulations
HPE 4768 (410:168)	Field Experience in Health Promotion (6 hours)

Biology:

BIOL 2051 (840:051)	General Biology: Organismal Diversity
BIOL 2052 (840:052)	General Biology: Cell Structure and Function
BIOL 3151 (840:151)	General Microbiology

Chemistry and Biochemistry:

Select one of the following:

CHEM 1110 (860:044) & CHEM 1120 (860:048)	General Chemistry I and General Chemistry II
or	
CHEM 1130 (860:070) & CHEM 1040 (860:063)	General Chemistry I-II and Applied Organic and Biochemistry

Electives: 11-13

Health Promotion and Education:

HPE 2120 (410:020)	Maternal and Infant Health
HPE 3650/CAP 3152 (CAP:152)	Complementary, Alternative, and Integrative Health
HPE 4164/5164 (410:164g)	Health Care and the Consumer
HPE 4247/5247 (410:147g)	Minority Health
HPE 4378/5378 (410:178g)	Health Advocacy, Social Action and Policy Development
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 4155/5155 (840:155g)	Ecotoxicology
BIOL 4168/5168 (840:168g)	Ecology
BIOL 4180/5180 (840:180g)	Restoration Ecology #

Chemistry and Biochemistry: ##

List of Programs by Department

CHEM 2310 (860:132)	Quantitative Analysis	
Earth Science:		
EARTHSCI 1300 (870:031)	Introduction to Geology	
EARTHSCI 3345/5345 (870:171g)	Environmental Geology	
Total Hours		44-47
Total hours for common core and option 1		57
Total hours for common core and option 2		55
Total hours for common core and option 3		53-54
Total hours for common core and option 4		68-71

- # These courses in Option 4 have additional prerequisites as follows:
 HPE 4580/5580 (410:180g) Environmental Health, Field Methods, Technology, and Laboratory Applications has prerequisite of MEASRES 4180/5180 (250:180g) Statistical Methods in Education or 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.
 BIOL 4180/5180 (840:180g) Restoration Ecology has prerequisites BIOL 3100 (840:100) Evolution, Ecology and the Nature of Science and BIOL 3140 (840:140) Genetics.
- ## These courses can be satisfied with appropriate selection of courses for completing the Biology minor.

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:		3
EDPSYCH 4118/5118 (200:118g)	Mental Health in the Classroom	
Applied Human Sciences, School of:		3
FAM SERV 1057 (31F:057)	Human Relationships and Sexuality	
Psychology:		3
PSYCH 3102/5102 (400:170g)	Drugs and Individual Behavior	
Health Promotion and Education:		14
HPE 1101 (410:005)	Introduction to Public Health	
HPE 3112 (410:112)	Human Structure and Function	
HPE 3344 (410:144)	Health Education Curriculum	
HPE 4164/5164 (410:164g)	Health Care and the Consumer	
HPE 4551/5551 (410:151g)	Nutrition for Health Promotion	
HPE 4663/5663 (410:163g)	Human Diseases	

Plus, health-related electives to total the 24 hours needed (beyond the Methods course) for the Health endorsement

Total Hours 26-27

- * HPELS 2045 (440:045) (for K-8 endorsement). HPE 3240 (410:140) Secondary School Health Education Methods (for 5-12 endorsement).

Health Promotion Minor

Required:

Health Promotion and Education:		21
HPE 1101 (410:005)	Introduction to Public Health	
HPE 3110 (410:110)	Introduction to Epidemiology	
HPE 4164/5164 (410:164g)	Health Care and the Consumer	
HPE 4256/5256 (410:156g)	Implementing Public Health and Health Promotion Programs	
HPE 4353/5353 (410:153g)	Public Health Theory and Application	
HPE 4376/5376 (410:176g)	Planning Public Health/Health Promotion Programs	
HPE 4485/5485 (410:145g)	Public Health/Health Promotion Evaluation *	
HPE 4663/5663 (410:163g)	Human Diseases *	
Total Hours		21

- * These courses have additional prerequisites as follows:
 HPE 4485/5485 (410:145g) Public Health/Health Promotion Evaluation has prerequisite of MEASRES 4180/5180 (250:180g) Statistical Methods in Education or 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.
 HPE 4663/5663 (410:163g) Human Diseases has prerequisite of HPE 3112 (410:112) Human Structure and Function or both BIOL 3101 (840:101) Anatomy and Physiology I and BIOL 3102 (840:102) Anatomy and Physiology II.

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.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should contact the Division of Health Promotion and Education (within the School of Health, Physical Education, and Leisure Services) for other admission 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 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
Measurement and Research:		
MEASRES 4180/5180 (250:180g)	Statistical Methods in Education	
Health, Physical Education, and Leisure Services, Interdepartmental:		
HPELS 6210 (440:210) or HPELS 6215 (440:215)	Quantitative Methods in HPELS Qualitative Methods	
Choose 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 and Education:		15
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	
HPE 6393 (410:293)	Epidemiology	
Health Promotion Graduate Seminar:		1
HPE 6289 (410:289)	Seminar	
Physical Education:		3
PEMES 6253 (420:253)	Advanced Exercise Physiology	
Management:		3
MGMT 3919/5919 (150:119g)	Leadership and Human Relations	
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 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	
HPE 6393 (410:293)	Epidemiology	
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:		2
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		33

* 1 hr. each for two semesters.

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	
Health, Physical Education, and Leisure Services, Interdepartmental:		
HPELS 6290 (440:290)	Research Methods for Health, Physical Education and Leisure Services	
Health Promotion Graduate Seminar:		2
HPE 6289 (410:289)	Seminar *	

List of Programs by Department

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	32

* 1 hr. each for two semesters.

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 Health, Physical Education, and Leisure Services or the Office of the Registrar, which serves as the centralized registry.

Environmental Health Certificate

Required:

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 Human Diseases (410:163g)

Electives: 6 hours chosen from either or both of the following categories:	6
--	---

I. Public Health Focus Area:

Health Promotion and Education:

HPE 3110 (410:110) Introduction to Epidemiology or HPE 6393 Epidemiology (410:293)

HPE 4162/5162 Introduction to Women's Health (410:162g)

HPE 4376/5376 Planning Public Health/Health Promotion Programs (410:176g)

HPE 4378/5378 Health Advocacy, Social Action and Policy Development (410:178g)

HPE 4485/5485 Public Health/Health Promotion Evaluation (410:145g)

Biology:

BIOL 3147 Cancer and Emerging Infectious Diseases (840:147)

II. Environmental Sciences Focus Area:

Environmental Science:

ENV SCI 6200 Environmental Biology (830:200)

ENV SCI 6235 Topics in Environmental Chemistry (830:235)

Biology:

BIOL 3151 General Microbiology (840:151)

BIOL 4155/5155 Ecotoxicology (840:155g)

BIOL 4167/5167 Conservation Biology (840:167g)

Total Hours	15
-------------	----

Certificate in Global Health and Health Disparities

Required:

Health Promotion and Education:	8-11
---------------------------------	------

HPE 4161/5161 Global Health Mission (410:161g)

HPE 4167/5167 Cultural Competency for the Helping Professions (410:167g)

HPE 4247/5247 Minority Health (410:147g)

HPE 4438/5438 International Health (410:138g)

Electives (selected two of the following):	6
--	---

Leisure Services:

LYHS 3030 Inclusive Recreation and Diversity in LYHS (430:030)

Social Work:

SW 4142/5142 Working With Racial and Ethnic Minorities (450:142g)

Communication:

COMM 4344/5344 Intercultural Communication (48C:151g)

Social Science:

SOC SCI 1041 Social Welfare: A World View (900:041)

Political Science:

POL INTL 1024 International Relations (943:024)

POL INTL 4125/5125 North-South Relations (943:125g)

Sociology:

SOC 3037/5037 Race, Ethnicity and Social Justice (980:045g)

Anthropology:

ANTH 1002 Culture, Nature, and Society (990:011)

ANTH 3001 Language and Culture (990:177)

ANTH 3101/5101 Psychological Anthropology (990:164g)

ANTH 3102/5102 Culture, Disease, and Healing (990:168g)

ANTH 3104/5104 Gender in Cross-Cultural Perspective (990:167g)

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 be admitted to this major a student must file an approved program of study with her/his advisor and 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.

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 3162 (420:162)	Foundations of Human Movement Study	
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.

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 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 3162 (420:162)	Foundations of Human Movement Study	
Pedagogical content:		
Physical Education:		14
PEMES 3173 (420:173)	Teaching Methods Block	
PEMES 3174 (420:174)	Assessment Processes in Physical Education *	

List of Programs by Department

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	
PEMES 2016 (420:016)	Lifetime Activities II	
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.

Minors

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 Education:		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 200:030 within the Professional Education Requirements. 420:118 (Practicum) must be completed prior to student teaching.

Physical Education Minor-Elementary Teaching

This Physical Education minor is designed for students who are elementary majors receiving K-6 endorsement. Students are encouraged to seek advisement from the elementary physical education staff prior to scheduling.

Required:

Physical Education:		22
PEMES 2013 (420:013)	Fundamental Physical Activities — Dance	
PEMES 2016 (420:016)	Lifetime Activities II (Soccer)	
PEMES 2021 (420:021)	Movement Activities for Children *	
PEMES 2050 (420:050)	Anatomy and Physiology of Human Movement	
PEMES 2056 (420:056)	Introduction to Motor Behavior	
PEMES 3140 (420:140)	Practicum	
PEMES 3151 (420:151)	Introductory Biomechanics	
PEMES 3153 (420:153)	Physiology of Exercise	
PEMES 3173 (420:173)	Teaching Methods Block	
PEMES 4152/5152 (420:152g)	Adapted Physical Education	
Electives:		4
Physical Education:		4
PEMES 2013 (420:013)	Fundamental Physical Activities — Dance	
PEMES 2015 (420:015)	Lifetime Activities I	
PEMES 2016 (420:016)	Lifetime Activities II	

PEMES 2053 (420:053)	Physical Activity and Nutrition for Health and Fitness
PEMES 3132 (420:132)	Dance Curriculum
PEMES 3140 (420:140)	Practicum
PEMES 3174 (420:174)	Assessment Processes in Physical Education
PEMES 3176 (420:176)	Administration and Curriculum Development in Physical Education
Total Hours 26	

* PEMES 2021 (420:021) Movement Activities for Children will substitute for PEMES 2045 (420:045) Physical Education for the Elementary Grades in the Elementary Education major requirement.

Current certification in American First Aid and CPR are required for completion of the Physical Education minor at the time of 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 contact the Division of Physical Education (within the School of Health, Physical Education, and Leisure Services) for other admission 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/Coaching Emphasis:

This emphasis is designed for those students who plan to teach and/or coach in an educational setting at a variety of levels, and is available on the **thesis** and **non-thesis** options. **A minimum of 15 hours must be at the 200/6000-level for both the thesis and non-thesis options.**

If the undergraduate degree in Physical Education does not include a theory class in either *Elementary or Secondary Methods in Physical Education*, the student will be required to make up the deficiency with one 3 hour undergraduate methods course. This would extend the Teaching/Coaching emphasis to a *33-hour minimum*.

Additionally, if the undergraduate degree was not in Physical Education or the student does not have at least 12 hours of undergraduate theory classes (exclusive of activity classes and advanced skill and coaching classes) on her/his transcript, the

student must take 12 hours of either undergraduate or graduate physical education course work to make up the deficiency; 3 hours of the additional 12 hours must be an undergraduate *Elementary or Secondary Methods in Physical Education* course. This would extend the Teaching/Coaching emphasis to a *42-hour minimum*.

Required:

Measurement and Research/Health, Physical Education, and Leisure 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: 3

PEMES 6297 (420:297) Practicum

Research: 2 or 6

PEMES 6299 (420:299) Research

Thesis option (6 hrs.)

Non-thesis option (2 hrs.)

Electives from the following courses: 6 or 10

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 6 hours on different topics)

Thesis option (6 hrs.)

Non-thesis option (10 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

List of Programs by Department

PEMES 6253 (420:253)	Advanced Exercise Physiology	
PEMES 6260 (420:260)	Laboratory Instrumentation and Test Interpretation	
Health, Physical Education, and Leisure 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	
Health, Physical Education, and Leisure 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 or Youth Services Administration, 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 (430:123)	Foundations of Therapeutic Recreation	
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,

List of Programs by Department

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 contact the Division of Leisure, Youth and Human Services (within the School of Health, Physical Education, and Leisure Services) for other admission 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

Health, Physical Education, and Leisure Services, Interdepartmental:

HPELS 6215 Qualitative Methods (440:215)

HPELS 6290 Research Methods for Health, Physical Education and Leisure Services (440:290)

Sociology:

SOC 4025/5025 Social Data Analysis (980:160g)

Minimum of one Statistical Analysis course from the following: 3

Measurement and Research:

MEASRES Statistical Methods in Education 4180/5180 (250:180g)

Health, Physical Education, and Leisure Services, Interdepartmental:

HPELS 6210 Quantitative Methods in HPELS (440:210)

Research: 3 or 6

LYHS 6299 Research (430:299)

Thesis option (6 hrs.)

Non-thesis option (3 hrs.)

Leisure, Youth and Human Services: 6

LYHS 6200 Historical and Philosophical Foundations of Leisure, Youth and Human Services (430:240)

At least one of the following:

LYHS 6201 Social Policy and Issues in Leisure, Youth and Human Services (430:201)

LYHS 6202 Social Psychology of Leisure (430:202)

Select from the following of 18
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:

Total hours thesis option 36

Total hours non-thesis option 33

Doctor of Education Degree Program

This program is intended to provide practicing educators 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**, including a **minimum of 45 hours of course work at the 200/6000-level or 300/7000-level**. Some intensive study areas may require more hours of 200/6000-level or 300/7000-level course work.

There are three components to the program: 15 semester hours in a *Professional Common Core* of work in educational foundations, fundamentals, and research; 38 semester hours of *Advanced Professional Study* in one of four areas of intensive study and a related area; and a *Dissertation* of 7 semester hours.

By design, then, *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 four areas of intensive study provide for a specialized focus on practice. The four intensive study areas are: *Allied Health, Recreation and Community Services; Curriculum and Instruction; Educational Leadership; and Special Education*. (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.) **For brief definitions of the four areas refer to respective departments.**

The **Allied Health, Recreation and Community Services** intensive study area is designed to provide students with education in 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 Athletic Training Division in the School of Health, Physical Education, and Leisure Services.)

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

Students interested in this program must submit a completed Application for Admission to Graduate Study and should contact the School of Health, Physical Education and Leisure Services for any

other admission 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 Education degree refer to appropriate sections of this University Catalog.

Program Requirements

I. Professional Common Core (15 hours)

Education Foundations:	3
Interdepartmental, Education:	
INTDEPED 7301 (190:301) Context of Contemporary Education	
Research:	
Interdepartmental, Education:	9
INTDEPED 7303 (190:303) Inquiry	
INTDEPED 7305 (190:305) Qualitative Methods in Educational Research	
INTDEPED 7307 (190:307) Quantitative Methods in Educational Research	
Measurement and Research (Select one of the following):	3
MEASRES 6270 (250:270) Educational Program Evaluation	
MEASRES 7300 (250:300) Descriptive Educational Research	
MEASRES 7301 (250:301) Advanced Experimental Research in Education	
MEASRES 7310 (250:310) Advanced Qualitative Methods in Educational Research	

II. Advanced Professional Studies (38 hours):

Required Applied Health, Recreation and Community Services Core:	12
Health, Physical Education, and Leisure Services:	
HPELS 7410 (430:310) Critical Theories and Practices I	
HPELS 7412 (430:312) Critical Theories and Practices II	
HPELS 7329 (430:329) Research and Evaluation Seminar (1 credit each semester for 6 semesters)	
Track (select one primary area for 18 credits, and one supporting area for 8 credits coursework from the following HPELS areas and/or other departments)	26
A. Health Promotion and Education	
B. Leisure, Youth and Human Services	
C. Rehabilitation Studies	
Working with the advisor, students will select 6 hours of course work outside of the School of HPELS for their program of study. ours must be outside of LYHS).	

III. Dissertation (7 hours) 7

This is the program component in which the student demonstrates proficiency in the integration of theory and practice (i.e., it involves the application of existing knowledge and/or results of individual research to an educational problem or situation).

INTDEPED 7389 (190:389) Doctoral Seminar	
--	--

INTDEPED 7399 (190:399) Dissertation Research	
---	--

Total Hours	60
-------------	----

* 1 hour each for six semesters.

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 Health, Physical Education, and Leisure 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: as approved by advisor, selected from the following:	5
Physical Education:	
PEMES 1A39 (420:A39) (Canoeing, 1 hr.)	
PEMES 3168 (420:168) Assisting in Physical Activity and Wellness	
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	
Health, Physical Education, and Leisure Services, Interdepartmental:	
HPELS 4186/5186 (440:186g) (Studies in Legal Issues in Health, Physical Education, Leisure, Youth and Human Services, 3 hrs.)	
Total Hours	18

Nonprofit Management

This certificate provides knowledge, skill-building and professional experience for students interested in working in the nonprofit sector.

List of Programs by Department

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 Health, Physical Education, and Leisure 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)	Fundraising, Grant Writing and Budgeting for LYHS	
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; HPELS xxxx/440: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 Camp Management Systems
(430:144g)

Electives: selected from the following:		2-3
Educational Psychology and Foundations:		
EDPSYCH 2017 (200:017)	Field Experience: Exploring Teaching	
EDPSYCH 4109/5109 (200:109g)	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 Health, Physical Education, and Leisure 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
LYHS 2075 (430:075)	Tourism and Recreation Marketing	
LYHS 2770 (430:070)	Principles of Tourism	
Select two of the following:		6
Leisure, Youth and Human Services:		
LYHS 3774 (430:173)	Conferences, Expositions and Conventions in Tourism	
LYHS 4778/5778 (430:171g)	Rural Tourism Development	
LYHS 4779/5779 (430:138g)	Community Planning Workshop	
Select one of the following:		3
Leisure, Youth and Human Services:		
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 4779/5779 (430:138g)	Community Planning Workshop	
Health, Physical Education, and Leisure Services, Interdepartmental:		
HPELS 3120 (440:120)	Technology Integration for the HPELS Professional	
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
- **Graduate Major (M.A.)**
 - History
- **Program Certificate**
 - Certificate in 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
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 (12 hours)		
Must include one course from Category A:		
HISEUA 4310/5310	History of Ancient Greece (962:101g)	
HISEUA 4320/5320	History of Ancient Rome (962:103g)	
HISEUA 4330/5330	History of Classical Civilization (962:123g)	
HISEUA 4340/5340	Medieval Civilization (962:152g)	
HISEUA 4350/5350	The Renaissance and Reformation (962:153g)	
HISEUA 4360/5360	Age of Absolutism and the Enlightenment (962:158g)	
HISEUA 4420/5420	History of Ireland (962:126g)	
HISEUA 4440/5440	English History to 1688 (962:164g)	
HISEUA 4460/5460	History of Germany to 1648 (962:171g)	
HISEUA 4480/5480	The Ancient Near East (962:151g)	
Must include one course from Category B:		
HISEUB 4510/5510	Europe from the French Revolution to World War I (963:155g)	
HISEUB 4520/5520	Europe from World War I to the Present (963:160g)	
HISEUB 4610/5610	English History since 1688 (963:165g)	
HISEUB 4620/5620	History of Modern France (963:174g)	
HISEUB 4630/5630	History of Germany Since 1648 (963:172g)	
HISEUB 4640/5640	Modern Mediterranean Europe: History and Culture (963:153g)	
HISEUB 4650/5650	Modern Central and Eastern Europe (963:188g)	
HISEUB 4660/5660	History of Imperial Russia (963:169g)	
HISEUB 4670/5670	History of Soviet Russia (963:170g)	
HISEUB 4675/5675	Great Power Diplomacy from the Congress of Vienna to the Present (963:157g)	
HISEUB 4680/5680	Military History from Napoleon to the Present (963:154g)	
HISEUB 4690/5690	Modern European Women's History (963:161g)	
Non-Western history (6 hours)		
HISNW 4710/5710	Colonial Latin American History (964:176g)	
HISNW 4720/5720	Latin American History (964:180g)	

List of Programs by Department

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	
Total Hours		43

* All History majors must successfully complete Category 2A of the Liberal Arts Core.

** 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.

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 4190 (900:190)	The Teaching of the Social Studies	3
SOC SCI 4191 (900:191)	Field Experience: Teaching Social Studies	1

Humanities

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 4710/5710 (964:176g)	Colonial Latin American History	

HISNW 4720/5720 (964:180g)	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

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

The following courses strongly recommended:

HISUS 1120 (961:015)	United States History since 1877 *	
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.

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 contact the Department of History for other admission 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

List of Programs by Department

semester of their senior year, as provided for in this University Catalog. (See policies and procedures for Graduate Credit for Undergraduate Students.) 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 in History	3-12
HIST 6050 (960:290)	Historical Methods	3
HIST 6288	Seminar: Topics in World Historiography	3-6
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 in History	3-12
HIST 6050 (960:290)	Historical Methods	3
HIST 6288	Seminar: Topics in World Historiography	3-6
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 on the **thesis or thesis project** option only. A **minimum of 30 semester hours is required, of which a minimum of 18 hours of 200/6000-level course work (including 6 hours of HIST 6299 (960:299) is required.** As a prerequisite for admission to this program, student must have a B.A. in history or at least nine credit hours of history.

Successful defense of the thesis or thesis project is required.

Required

History		
HIST 4010/5010 (960:106g)	Applying History: The Public Alternative	3

HIST 6030 (960:280)	Seminar in History	3-6
HIST 6050 (960:290)	Historical Methods	3
HIST 6288	Seminar: Topics in World Historiography	3-6
HIST 6289 (960:289)	Seminar in United States Historiography	3
Internship		
HIST 4030/5030 (960:132g)	Internship in Historical Studies	6
Research		
HIST 6299 (960:299)	Research	6
Electives		0-3
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)	Applying History: The Public Alternative	3
Two history courses at the 100/3000-level or above		6
Select two semesters from the following:		
HIST 3179 (960:179)	Cooperative Education	3
HIST 4030/5030 (960:132g)	Internship in Historical Studies	3
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 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
 Women's and Gender Studies Minor

Graduate Majors (M.A.)

Philanthropy and Nonprofit Development
 Women's and Gender Studies

Graduate Major (M.B.A.)

Master of Business Administration

Graduate Majors (M.P.P.)

Master of Public Policy
 Accelerated Master of Public Policy

Program Certificates

Certificate in International Business, Culture, and Language
 Certificate in Leadership Foundations
 Conflict Resolution Certificate
 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.

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

Select three of the following gerontology core courses:

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

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:

List of Programs by Department

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 & Related Dementias
or FAM SERV 3161/5161	Families, Alzheimer's & 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:	
World Religions/Philosophy:	
RELS/PHIL 3510/CAP 3173 (CAP:173)	Bio-Medical Ethics
PHIL 3500 (650:142)	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
Sociology:	
SOC 3065/5065 (980:118g)	Health, Illness, and Dying
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 3110 (410:110)	Introduction to Epidemiology
HPE 4353/5353 (410:153g)	Public Health Theory and Application
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 & Related Dementias
or FAM SERV 3161/5161	Families, Alzheimer's & Related Dementias
Internship:	4
Senior Seminar, Gerontology:	
GERO 4193 (31G:193)	Internship Seminar (1 hr.)
and one of the following:	
School of Applied Human Sciences:	
GERO 4195 (31G:195)	Internship in Gerontology (Social Sciences track section)
OR	
Health Promotion and Education:	
HPE 4768 (410:168)	Field Experience in Health Promotion
OR	
Sociology:	
SOC 3100/5100 (980:184g)	Theory and Practice in Applied Settings
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:	

List of Programs by Department

FAM SERV 3150/5150 (31F:150g)	Families and Aging	
GERO 3161/5161	Families, Alzheimer's & Related Dementias	
or FAM SERV 3161/5161	Families, Alzheimer's & Related Dementias	
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	
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
Social Work:		
SW 4172/5172 (450:172g)	Human Services Administration	
SW 4173/5173 (450:173g)	Social Services for Older Adults	
Health Promotion and Education:		
HPE 1101 (410:005)	Introduction to Public Health	
HPE 3110 (410:110)	Introduction to Epidemiology	
HPE 4164/5164 (410:164g)	Health Care and the Consumer	
HPE 4353/5353 (410:153g)	Public Health Theory and Application	
HPE 3186/4186/5186	(410:186/410:186g) "Studies in", 2 hrs.	
Communication Studies:		
COMM 4116/5116 (48C:138g)	Health Communication	
Internship ^{^^}		10-12
Students complete the seminar and either internship:		
Senior Seminar School of Applied Human Sciences:		
GERO 4193 (31G:193)	Internship Seminar	
or HPE 3693 (410:193)	Internship Seminar	
School of Applied Human Sciences:		
GERO 4195 (31G:195)	Internship in Gerontology (Long Term Care track section)	
OR		
Health Promotion and Education:		
HPE 4768 (410:168)	Field Experience in Health Promotion (3 or 6 hours)	
OR		
Internship School of applied Human Sciences:		

GERO 4195 (31G:195)	Internship in Gerontology (Long Term Care track)	
OR		
Health Promotion and Education:		
HPE 4768 (410:168)	Field Experience in Health Promotion (3 hours)	
OR		
Sociology:		
SOC 3100/5100 (980:184g)	Theory and Practice in Applied Settings (3 hours)	
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 4153/5153 (31F:153g)	Family Relationships in Crisis	
FAM SERV 3162/5162 (31F:162g)	Issues in Family Policy	
GERO 3161/5161	Families, Alzheimer's & Related Dementias	
or FAM SERV 3161/5161	Families, Alzheimer's & Related Dementias	
Development core: (select one of the following)		3
School of Applied Human Sciences:		
FAM SERV 1055 (31F:055)	Human Growth and Development (Design, Textiles, Gerontology, & Family Studies) *	
Psychology:		
PSYCH 2202 (400:120)	Developmental Psychology	
Electives in Gerontology: (select two from the following)		6
Communication Sciences and Disorders:		

List of Programs by Department

CSD 1000 (51C:006)	Understanding Communication Disorders
Communication Studies:	
COMM 4116/5116 (48C:138g)	Health Communication
Health Promotion and Education:	
HPE 3110 (410:110)	Introduction to Epidemiology
HPE 4353/5353 (410:153g)	Public Health Theory and Application *
School of Applied Human Sciences:	
INTDSGN 3129 (31I:129)	Interior Design Standards
Social Work:	
SW 4173/5173 (450:173g)	Social Services for Older Adults *
Sociology:	
SOC 3065/5065 (980:118g)	Health, Illness, and Dying *
World Religions/Philosophy:	
RELS/PHIL 3110/CAP 3194 (CAP:194)	Perspectives on Death and Dying
RELS/PHIL 3510/CAP 3173 (CAP:173)	Bio-Medical Ethics *
Total hours	43-45

- * 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); 3 hours social science research methods.
- PSYCH 2202 (400:120) has prerequisites 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).
- 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.
- SOC 3065/5065 (980:118g) has prerequisite of SOC 1000 (980:001) and junior standing.
- ANTH 3202/5202 (990:152g) has prerequisite of *ANTH 1001 (990:010)*. *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 and American Humanics--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 (see course descriptions for 4-digit numbers associated with 100-level 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. Courses HPE 4161/5161 (410:161g) is credit/no credit course, and the minimum grade of C- to receive credit will be allowed for these two courses. 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		
Select one of the following:		3
Anthropology:		
ANTH 1002	Culture, Nature, and Society	
(990:011)	(required)	
Geography:		
GEOG 1120	Human Geography (required)	
(970:010)		
or GEOG 1110	World Geography	
(970:040)		
Political Science:		
POL INTL 1024	International Relations	3
(943:024)		
or POL COMP 1040	Comparative Politics	
(944:040)		

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
Political Science:		
POL INTL 3120	International Security	
(943:120)		
or POL INTL 3126	Human Rights	
(943:126)		
Electives		9
Select three from the following:		3
Social Work:		
SW 3102/SOC 3090	Conflict Resolution	
(980:102)/ANTH		
3470 (990:102)		
Political Science:		
POL THRY 3122	Theories of Democracy	
(941:122)		
POL INTL 3120	International Security	
(943:120)		
POL INTL 3126	Human Rights	
(943:126)		
POL INTL 3129	International Diplomacy and	
(943:129)	Negotiation	
POL INTL 3143	International Law	
(943:143)		
POL INTL 3145	International Organizations	
(943:145)		
POL INTL	North-South Relations	
4125/5125		
(943:125g)		
POL COMP 3121	Terrorism and Insurgency	
(944:121)		
POL COMP 3123	Nationalism	
(944:123)		
History:		
HISEUB 4675/5675	Great Power Diplomacy from	
(963:157g)	the Congress of Vienna to the	
	Present	
Total Hours		15

International Economics and Development

Required		3
Select one of the following:		
Economics:		
ECON 3245/5245	International Economics *	
(920:136g)		
Political Science:		
POL INTL	Politics of the Global	
4119/5119	Economy *	
(943:119g)		
POL INTL	North-South Relations	
4125/5125		
(943:125g)		
Electives		9
Select three from the following:		
Social Science:		
SOC SCI/SW 1041	Social Welfare: A World	
	View (required)	
Economics:		
ECON 3245/5245	International Economics	
(920:136g)		

List of Programs by Department

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
ANTH 3410/5410 (990:148g)	Applied Anthropology *
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 3410/5410 (990:148g) has prerequisite of *SOC 1000 (980:001)* or *ANTH 1002 (990:011)*, either of 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
Religion:	
Select 6 hours from the following:	
RELS 3520/5520 (640:175g) or PHIL 3530/5530 (650:175g)	Environmental Ethics
Biology:	
BIOL 4167/5167 (840:167g)	Conservation Biology
Geography:	

GEOG 3220 (970:100)	Environmental Geography
Electives	6
Select two from the following:	
Religion:	
RELS 3520/5520 (640:175g) or PHIL 3530/5530 (650:175g)	Environmental Ethics
Humanities:	
HUM 3189/5189 (680:189g)	Seminar in Environmental Problems
Environmental Science:	
ENV SCI 4665/5665 (830:165g)	Environmental Health Science
Biology:	
BIOL 2051 (840:051)	General Biology: Organismal Diversity (required)
BIOL 4167/5167 (840:167g)	Conservation Biology *
BIOL 4168/5168 (840:168g)	Ecology *
Earth Science:	
EARTHSCI 1300 (870:031)	Introduction to Geology (required)
EARTHSCI 1320 (870:035)	Earth History *
Economics:	
ECON 3225/5225 (920:123g)	Environmental Economics *
Geography:	
GEOG 1210 (970:026)	Physical Geography (required)
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 6 hours from the following:	
Communication Studies:	
COMM 4344/5344 Intercultural Communication (48C:151g)	
Anthropology:	
ANTH 3001 Language and Culture (990:177)	
or SOC 3001 Language and Culture (980:177)	
Communication Studies:	
COMM J 4754/5754 Global Mass Communication (48J:151g)	
or COMM PR Global Public Relations 4822/5822 (48P:170g)	
Electives	6
Select two from the following:	
Management:	
MGMT 3914/5914 Communication Management (150:114g)	*
Communication Studies:	
COMM 4344/5344 Intercultural Communication (48C:151g)	
COMM 4346/5346 Gender Issues in Communication (48C:153g)	
COMM J 4754/5754 Global Mass Communication (48J:151g)	
COMM PR Global Public Relations 4822/5822 (48P:170g)	
Sociology:	
SOC 3060/5060 Sociology of Culture (980:138g)	*
Anthropology:	
ANTH 3001 Language and Culture (990:177)	*
Total Hours	12

* **These courses listed above have additional prerequisites as follows:**
 MGMT 3914/5914 (150:114g) has prerequisite of *ENGLISH 1005 (620:005)* or *ENGLISH 2015 (620:015)*, either of which will satisfy LAC Category 1A.
 COMM J 4754/5754 (48J:151g) 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 Health 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
Languages and Literatures (French):	
FREN 1120 (720:031)	Introduction to Francophone Literature in Translation
Political Science:	
POL INTL 3126 (943:126)	Human Rights

List of Programs by Department

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 Health 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 (required)
-----------------	--

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 credit 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 3230 (640:134)	Great Living Religions: Judaism and Islam
------------------------	--

Languages and Literatures (French):

FREN 4008/5008 (720:108g)	Special Topics in Francophone Culture *
------------------------------	--

FREN 4028/5028 (720:128g)	Special Topics in Francophone Literature *
------------------------------	---

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

* **These courses listed above have additional prerequisites as follows:**

FREN 4008/5008 (720:108g) has prerequisite of FREN 3001/5001 (720:101g).
 FREN 4028/5028 (720:128g) has prerequisites of FREN 3001/5001 (720:101g) and FREN 3004 (720:104).

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 (required)
HUM 3124 (680:124)	China (required)
HUM 3125 (680:125)	India (required)

Electives * 9-12

Select three to four of the following:

World Religion:

RELS 3210 (640:130)	Great Living Religions: Hinduism and Buddhism
RELS 3220 (640:132)	Confucianism, Daoism, and Zen

Humanities:

HUM 3122 (680:122)	Japan (required)
HUM 3124 (680:124)	China (required)
HUM 3125 (680:125)	India (required)

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 12-18

* Restrictions:

1. For courses 680:xxx, no more than 3 hours if only 3 hours is completed in the required field;
2. For courses 964:xxx, no more than 6 hours on the pre-modern period (to approx. 1700).

Latin America

Required 6

Select one of the following:

Humanities:

HUM 3123 (680:123)	Latin America (required) **
HUM 3137 (680:137)	Native Central and South America (required) **

Languages and Literatures:

SPAN 3020 (780:120)	Latin American Culture and Civilization **
------------------------	--

Political Science:

POL COMP 3167 (944:167)	Latin American Politics
----------------------------	-------------------------

Electives 9

Select three from the following:

Humanities:

HUM 3123 (680:123)	Latin America (required) **
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: _____ *

Languages and Literatures (Portuguese):

PORT 1031 (790:031)	Introduction to Portuguese and Hispanic Literatures in Translation (required)
PORT 3123/5123 (790:123g)	Multimedia Studies in Culture *
PORT 3180/5180 (790:180g)	Topics in _____ *

History:

HISNW 4710/5710 (964:176g)	Colonial Latin American History
HISNW 4720/5720 (964:180g)	Latin American History

Anthropology:

ANTH 3302 (990:142)	Archaeology of the New World *
------------------------	--------------------------------

Total Hours 15

List of Programs by Department

* **These courses listed above have additional prerequisites as follows:**

SPAN 3012 (780:112) has prerequisite of SPAN 3004 (780:104) or SPAN 3005 (780:105) or equivalent.

SPAN 3020 (780:120) has prerequisite of SPAN 3001 (780:101) 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).

PORT 3123/5123 (790:123g) and PORT 3180/5180 (790:180g) have prerequisite of PORT 3101/5101 (790:101g).

ANTH 3302 (990:142) has prerequisite of ANTH 1001 (990:010).

** Only one of *HUM 3123 (680:123)* and SPAN 3020 (780:120) will count toward program credit.

Russia/Eastern Europe

Required 6-9

Select one of the following:

Humanities:

HUM 3121 (680:121) Russia/Soviet Union (required)

Languages and Literatures:

SLAV 4141/5141 (770:141g) Russian Culture and Civilization I

SLAV 4142/5142 (770:142g) Russian Culture and Civilization II

Select one of the following:

Political Science:

POL COMP 3164 (944:164) Russian and East European Politics

History:

HISEUB 4650/5650 (963:188g) Modern Central and Eastern Europe

Electives 6-9

Select three to four of the following:

Humanities:

HUM 3121 (680:121) Russia/Soviet Union (required)

Languages and Literatures (Russian):

SLAV 1120 (770:031) Introduction to Russian Literature in Translation

SLAV 3111/5111 (770:102g) Introduction to Russian Literature I

SLAV 3112/5112 (770:104g) Introduction to Russian Literature II

SLAV 3131/5131 (770:122g) Special Topics in Literature *

SLAV 3132/5132 (770:132g) Nineteenth Century Russian Short Fiction *

SLAV 3134/5134 (770:134g) Twentieth Century Russian Literature *

SLAV 4141/5141 (770:141g) Russian Culture and Civilization I *

SLAV 4142/5142 (770:142g) Russian Culture and Civilization II *

SLAV 4196 (770:196) Senior Seminar *

Political Science:

POL COMP 3164 (944:164) Russian and East European Politics

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

Total Hours 12-18

* **These courses listed above have additional prerequisites as follows:**

SLAV 3112/5112 (770:104g) has prerequisite of SLAV 3111/5111 (770:102g).

SLAV 3131/5131 (770:122g) has prerequisite of SLAV 3101/5101 (770:101g).

SLAV 3132/5132 (770:132g), SLAV 3134/5134 (770:134g), SLAV 4141/5141 (770:141g), SLAV 4142/5142 (770:142g), and SLAV 4196 (770:196) have prerequisite of SLAV 3102/5102 (770:103g).

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) Western European Democracies

Electives ** 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 *

FREN 4024/5024 (720:124g) French Civilization *

FREN 4025/5025 (720:125g) Contemporary France *

FREN 4044/5044 (720:144g) Special Topics in French Cinema *

Languages and Literatures (German):

GER 1120 (740:031) Introduction to German Literature in Translation (required)

GER 3004/5004 (740:104g) Introduction to German Literature *

GER 3016/5016 (740:116g) Modern Literature and Culture *

GER 3034 (740:134) German Literature and Cinema *

GER 3036 (740:136) Current Events in the German-Language Media *

GER 3048/CAP 3148 (CAP:148) The Holocaust in Literature and Film (required)

GER 4022/5022 (740:122g)	Special Topics in Literature *
GER 4023/5023 (740:123g)	Cultural History of German-Speaking Countries *
GER 4030 (740:130)	Folklore and Myths in German Literature *
GER 4050/5050 (740:150g)	Contemporary Germany and Austria *

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), FREN 4014/5014 (720:114g), and FREN 4044/5044 (720:144g) 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).
 FREN 4024/5024 (720:124g) and FREN 4025/5025 (720:125g) have prerequisite of FREN 3001/5001 (720:101g).
 GER 3004/5004 (740:104g) has prerequisites of GER 2002 (740:013) and GER 2012 (740:014).
 GER 3016/5016 (740:116g) and GER 4023/5023 (740:123g) have prerequisite of GER 3001/5001 (740:101g).
 GER 4022/5022 (740:122g) has prerequisites of GER 3001/5001 (740:101g) and GER 3004/5004 (740:104g).
 GER 4030 (740:130) and GER 3034 (740:134) have prerequisite of GER 3001/5001 (740:101g) or GER 3003/5003 (740:103g).
 GER 3036 (740:136) has prerequisites of GER 3001/5001 (740:101g) and GER 3004/5004 (740:104g).
 GER 4050/5050 (740:150g) has prerequisite of GER 3001/5001 (740:101g).
 SPAN 3018 (780:118) has prerequisite of SPAN 3004 (780:104) or SPAN 3005 (780:105).
 SPAN 3023 (780:123) has prerequisite of SPAN 2001 (780:011) or SPAN 3050/5050 (780:150g).
 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:

1. No more than 3 hours in courses covering the pre-1700 period;
2. No more than 6 hours in courses numbering 720:xxx, 740:xxx, and 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 must be used extensively in the student's geographic area of focus. However, because UNI has limited offerings in the languages of Africa/Middle East and Asia, with the approval of a Global Studies advisor, a student may use any foreign language offered at UNI to satisfy the language requirement for these areas. Students focusing on Africa/Middle East and Asia, nevertheless, are strongly encouraged to pursue area-specific language study through other venues. See the University Catalog for the current language offerings of the Department of Languages and Literatures.

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.

List of Programs by Department

VI. STRONGLY RECOMMENDED: The Certificate in Non-Profit Management and American Humanics

Many 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 and Leadership from American Humanics, Inc. 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 4192 (680:192)	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, and Real Estate. 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 World Geography
(970:040)

Political Science:

List of Programs by Department

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)	Seminar in International Business	
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	
Criminology:		
CRIM 4262/5262 (982:162g)	Crime, Law, and Justice: A Global 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)	Seminar in International Business	
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

List of Programs by Department

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, and Real Estate.

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:		
Humanities/Literature (required):		
HUM 3121 (680:121)	Russia/Soviet Union	
or SLAV 1120 (770:031)	Introduction to Russian Literature in Translation	
Political Science:		
POL COMP 3123 (944:123)	Nationalism	
or POL COMP 3164 (944:164)	Russian and East European 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 Russian (SLAV 2002 (770:012)) or an equivalent fourth-semester course in another 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.

Women's and Gender Studies Minor

Women's and Gender Studies 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

Humanities:		
WGS 1040 (680:040)	Women's and Gender Studies: Introduction	3
Electives:		
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:		

List of Programs by Department

EDPSYCH 4140/5140 (200:140g)	Social Psychology, Education
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
HISUS 4280/5280 (961:143g)	United States Labor 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:	
PHIL 3010/CAP 3151 (CAP:151)	Money, Sex and Power: Theories of Race, Class and Gender
Psychology:	
PSYCH 2201 (400:060)	Psychology of Gender Differences *
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 4150/5150 (640:162g)	Women and Christianity
RELS 4170/5170 (640:168g)	Religion and Sexuality
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 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 the Iowa Communication Network (ICN) and/or other 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

List of Programs by Department

transcripts of undergraduate and graduate credits, and have three letters of recommendation sent to the program director. 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, **of which a minimum of 21 hours of 200/6000-level course work, including 3 hours of LYHS 6299 (430:299) is required**. Of these 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. 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. enhance leadership skills for a career in the public or private sector 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 is a **thesis-only** program requiring a **minimum of 34 semester hours** of study; **15 hours of 200/6000-level course work, including 6 hours of xxx 6299/xxx:299, is required**. 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.

Required

Humanities:		
WGS 6289 (680:289)	Graduate Seminar in Women's and Gender Studies: Comparative Feminist Theories	3
WGS 6290 (680:290)	Introduction to Graduate Research in Women's and Gender Studies	1
Sociology:		
SOC 4071/5071 (980:171g)	Feminist Theories in the Social Sciences	3
History:		
HISUS 4260/5260 (961:146g)	United States Women's History	3
or HISEUB 4690/5690 (963:161g)	Modern European Women's History	
Select one of the following:		3

English:		
ENGLISH 6120 (620:206)	Feminist Literary Theories and Practice	
Philosophy:		
PHIL 6010 (650:250)	Critical Perspectives on Gender	
Research:		
xxxx 6299 (xxx:299) Research		6
Research Methodology		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:		
Education, Interdepartmental:		
INTDEPED 7305 (190:305)	Qualitative Methods in Educational Research	
Measurement and Research:		
MEASRES 7301 (250:301)	Advanced Experimental Research in Education	
Psychology:		
PSYCH 6001 (400:239)	Advanced Statistics	
Communication:		
COMM 4021/5021 (48C:180g)	Quantitative Research Methods	
COMM 4022/5022 (48C:183g)	Qualitative Research Methods	
COMM 4023/5023 (48C:189g)	Rhetorical Communication Research Methods	
COMM 4446/5446 (48C:113g)	Social Protest: Performance and Rhetoric	
COMMGRAD 6042 (48C:222)	Seminar in Communication	
Languages and Literatures:		
ENGLISH 4140/5140 (620:161g)	Literary Criticism	
ENGLISH 6100 (620:201)	Introduction to Graduate Study in English	
History:		
HIST 6050 (960:290)	Historical Methods	
Sociology:		
SOC 4015/5015 (980:178g) or ANTH 4015/5015 (990:178g)	Qualitative Research Methods	
SOC 4025/5025 (980:160g)	Social Data Analysis	
Electives		12
Total Hours		34

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.

A Graduate Certificate in Women's and Gender Studies is also available.

For more information contact the Women's and Gender Studies office, Sabin 225, 319-273-7102, or www.uni.edu/womenstudies.

Master of Business Administration Degree Program

Graduate study in business at UNI provides 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 students 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 on management education.

The plan of study prescribed for the degree is structured to develop graduates who will have acquired:

1. an understanding of the theoretical and practical aspects of the process of policy formulation and implementation;
2. a comprehension of environmental factors-economic, legal, social, and political-which affect the individual in the performance of managerial responsibilities;
3. an understanding of analytical techniques and the use of quantitative data in the administration of business controls;
4. the ability to communicate ideas effectively in oral and written form; and
5. a basic knowledge of selected functional areas of business administration.

Admission to the Master of Business Administration program is dependent upon the quality of the applicant's undergraduate record, the score on the Graduate Management Admission Test (GMAT), and writing skills demonstrated on the addendum to the application. The GMAT must be taken prior to acceptance into 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 program is designed to qualify men and women for creative leadership in business. This program is available on the **non-thesis** option only. Students who enter the program with the undergraduate requirements of a baccalaureate degree in one of the areas of business will normally require **31 semester hours** to complete the program; those 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. 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:		

List of Programs by Department

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
Topics:		
Select one from the following:		3
Accounting:		
ACCT 6092 (120:280)	Topics in Accounting	
Marketing:		
MKTG 6595 (130:280)	Topics in Marketing	
Management:		
MGMT 6280 (150:280)	Topics in Management	
Finance:		
FIN 6280 (160:280)	Topics in Finance	
Total Hours		31

Master of Public Policy 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.

Students interested in this program must submit a completed Application for Admission to Graduate Study and a Masters in Public Policy Application Form. Both forms may be found at www.uni.edu/publicpolicy. Complete undergraduate transcripts are also required for admission review.

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

Core courses in the program provide thorough coverage of the contributions of political science, economics, and history to the analysis of public policy. The core also includes methods courses that provide training in the rigorous methods of policy analysis required of professionals in the field.

Focus courses allow a student to develop an understanding of a particular substantive or methodological area of policy analysis. Continuing participation in seminars allows discussion of current practice and development, provides a forum for on-going discussion, and includes philosophical orientation to the ethical questions which arise in policy contexts. An internship with a public policy organization introduces the student to the professional environment and allows application of 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, for students who lack such background (e.g., ECON 1051 (920:054) , POL AMER 1014 (942:014) , and SOC 2020 (980:080)). The M.P.P. is available on the **non-thesis** option, and requires **41-45 semester hours. A minimum of 12 hours of 200/6000-level course work is required.**

Required

Philosophy:		
PHIL 6510 (650:245)	Ethics in Public Policy	2
Economics:		
ECON 3221/5221 (920:117g)	Public Finance	3
ECON 3229/5229 (920:125g)	Cost-Benefit Analysis	3
Public Policy:		
PUBPOL 6205 (950:205)	Research Seminar in Public Policy	3
PUBPOL 6208 (950:208)	Applied Research and Bibliography in Public Policy	3
PUBPOL 6260 (950:260)	Policy Analysis: Methods and Approaches	3
PUBPOL 6275 (950:275)	Quantitative Methods for Politics and Policy	3
Political Science:		
POL AMER 4153/5153 (942:153g)	Public Organizations	3
POL AMER 4173/5173 (942:173g)	The Public Policy Process	3
History:		
HIST 6020 (960:225)	History and U.S. Public Policy	3
Focus area courses: as approved by advisor		
9		
Internship:		
PUBPOL 6281 (950:281)	Internship in Public Policy *	4
Electives: as approved by advisor		
3		
Total hours		45
Total hours (if internship waived)		41

* Prerequisites: PUBPOL 6275 (950:275) and POL AMER 4173/5173 (942:173g) or an approved substitute. This requirement may be waived at the discretion of the program director.

M.P.P. students, in consultation with their faculty advisors, select a focus area and the course work needed to complete their study of public policy. They may choose either a substantive area of public policy (for example, urban policy, environmental policy, human services policy, criminal justice policy) or courses that provide them with additional training in public policy or methods of policy analysis.

In PUBPOL 6208 (950:208) , with the support of the instructor and benefiting from interaction with other students, each student prepares a research paper within the focus area.

If focus courses have prerequisites which instructors choose not to waive, these courses will be in addition to the above degree requirements.

The internship may be undertaken during the summer following the first or second year of classes or during any other approved period.

Successful completion of a final written and oral comprehensive examination is required.

Accelerated Master of Public Policy Program

The Accelerated Master of Public Policy program provides the opportunity for qualified UNI undergraduates to reduce the number of hours required for completion of the Master of Public Policy degree by meeting certain preparatory requirements prior to completing the B.A. degree.

1. Upon declaration of an undergraduate major, any UNI student may apply to the director of the program for entry into the preparatory phase of the Accelerated M.P.P. program. A student must have at least a 3.00 GPA in order to be considered for this program. Upon acceptance into the preparatory phase, the student signs an agreement with the director, which spells out the requirements for this phase of the program.
2. The following four courses are included in the preparatory phase of the program:
3.

ECON 3221/5221	Public Finance	3
(920:117g)		
ECON 3229/5229	Cost-Benefit Analysis	3
(920:125g)		
POL AMER	Public Organizations	3
4153/5153		
(942:153g)		
POL AMER	The Public Policy Process	3
4173/5173		
(942:173g)		

All of these courses have prerequisites which must be completed before the student may enroll in them.

4. In order to count one of these courses toward admission to the accelerated M.P.P. program, the student must sign a contract with the instructor to do the same extra work that is required by that instructor for students to receive graduate credit for the course. No graduate credit will be awarded, but completion of the course in this manner contributes toward eligibility for the accelerated M.P.P. program.
5. In order to count one of these courses toward admission to the accelerated M.P.P. program, the student must receive a minimum grade of B in the class. In addition, to be considered for admission into the accelerated M.P.P. program, students must maintain a minimum of 3.00 GPA in all of their undergraduate work.
6. After completion of the preparatory phase, the student will be considered for admission to the accelerated M.P.P. program. Students who have completed three out of the four preparatory courses may also be considered for admission to the accelerated M.P.P.; however, the fourth course must be added as a graduate level course to the total hours required for the accelerated program. Enrollment in the accelerated program requires the completion of the B.A. degree.
7. In order to complete the accelerated M.P.P. in one additional year after the B.A., students will also need to enroll in a minimum of 7 hours of graduate work during their senior year, as provided for in this University Catalog (see policies and

procedures for Graduate Credit for Undergraduate Students). With the permission of the director, students may enroll in additional graduate hours during their senior year.

8. All other degree requirements for the regular M.P.P. program also apply to the Accelerated M.P.P. program.

The Accelerated M.P.P. requires 33 semester hours, including a minimum of 12 hours of 200/6000-level course work.

Courses required for the Accelerated M.P.P. program

Required		
Philosophy:		
PHIL 6510 (650:245)	Ethics in Public Policy	2
Public Policy:		
PUBPOL 6205 (950:205)	Research Seminar in Public Policy	3
PUBPOL 6208 (950:208)	Applied Research and Bibliography in Public Policy	3
PUBPOL 6260 (950:260)	Policy Analysis: Methods and Approaches	3
PUBPOL 6275 (950:275)	Quantitative Methods for Politics and Policy	3
History:		
HIST 6020 (960:225)	History and U.S. Public Policy	3
Focus area courses: as approved by advisor		
9		
Internship:		
PUBPOL 6281 (950:281)	Internship in Public Policy *	4
Electives: as approved by advisor		
3		
Total Hours		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 any specific program certificates, contact the college or department indicated or the Office of the Registrar, which serves as the centralized registry.

College of Business Administration

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 UNIBusiness Advising, CBB 5. To enroll in this program students must declare their intent on

List of Programs by Department

a Declaration of Curriculum form. The form may be obtained in CBB 5.

International Business

MGMT 3189 (150:189)	Seminar in International Business	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 **	5
---------------------	-------------------------	---

CHIN 1002 (710:002)	Elementary Chinese II **	5
---------------------	--------------------------	---

CHIN 1011 (710:011)	Intermediate Chinese I	5
---------------------	------------------------	---

Select one of the following:

RELS 3210 (640:130)	Great Living Religions: Hinduism and Buddhism	3
---------------------	---	---

RELS 3220 (640:132)	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
-----------------------------	-------------------------------	---

ANTH 3412/5412 (990:157g)	Ritual and Symbolism	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	3-4
---------------------	--	-----

FREN 2011 (720:012)	Intermediate French Communication Practice	1-2
---------------------	--	-----

Select one of the following:

FREN 1120 (720:031)	Introduction to Francophone Literature in Translation *	3
---------------------	---	---

FREN 2002 (720:051)	Composition	2-3
---------------------	-------------	-----

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
--------------------	--	---

GER 2051 (740:111)	Business German	3
--------------------	-----------------	---

GER 3032 (740:132)	The German-American Experience	3
--------------------	--------------------------------	---

GER 3048/CAP 3148 (CAP:148)	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
--------------------------------	-------------------------------	---

Russian (8-20)

SLAV 1001 (770:001)	Elementary Russian Language and Culture I **	3
---------------------	--	---

SLAV 1002 (770:002)	Elementary Russian Language and Culture II **	3
---------------------	---	---

SLAV 1011 (770:003)	Elementary Russian Practice I **	2
---------------------	----------------------------------	---

SLAV 1012 (770:004)	Elementary Russian Practice II **	2
---------------------	-----------------------------------	---

SLAV 2001 (770:011)	Intermediate Russian Language and Culture I	3
---------------------	---	---

SLAV 2011 (770:013)	Intermediate Russian Practice I	2
---------------------	---------------------------------	---

Select one of the following:

HUM 3121 (680:121)	Russia/Soviet Union *	3
--------------------	-----------------------	---

SLAV 2002 (770:012)	Intermediate Russian Language and Culture II	3
---------------------	--	---

SLAV 2012 (770:014)	Intermediate Russian Practice II	2
---------------------	----------------------------------	---

SLAV 1120 (770:031)	Introduction to Russian Literature in Translation	3
---------------------	---	---

POL COMP 3164 (944:164)	Russian and East European Politics	3
----------------------------	------------------------------------	---

List of Programs by Department

HISEUB 4660/5660 (963:169g)	History of Imperial Russia	3
HISEUB 4670/5670 (963:170g)	History of Soviet Russia	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
PORT 1031 (790:031)	Introduction to Portuguese and Hispanic Literatures in Translation *	3
POL COMP 3167 (944:167)	Latin American Politics	3
HISNW 4720/5720 (964:180g)	Latin American History	3

Portuguese (5-17 hours)

PORT 1001 (790:001)	Basic Portuguese Language and Culture **	3
PORT 1002 (790:002)	Intermediate Portuguese Studies	3
PORT 1010 (790:010)	Portuguese Practice **	2
PORT 1020 (790:020)	Portuguese Laboratory	2
PORT 1060 (790:060)	Portuguese Language and Culture Studio	2-4
Select one of the following:		
HUM 3123 (680:123)	Latin America (required) *	3
PORT 1031 (790:031)	Introduction to Portuguese and Hispanic Literatures in Translation (required) *	3
PORT 3101/5101 (790:101g)	Advanced Portuguese Communications	3
POL COMP 3167 (944:167)	Latin American Politics	3
HISNW 4720/5720 (964:180g)	Latin American History	3

English (9 hours)

Select one of the following:		
SOC SCI 1023 (900:023)	American Civilization *	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: Romanticism 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	
Russian: 8-20 hours	
Spanish: 7-20 hours	
Portuguese: 5-17 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 Humanities, Arts and Sciences and College of Social and Behavioral Sciences

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

List of Programs by Department

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 1010 (680:010)	Leadership: Skills and Styles	3
HUM 3110/5110 (680:110g)	Leadership: Concepts and Practice	3
HUM 3188 (680:188)	Seminar on Leadership Development: The Future	2
Electives		
Two courses from the list approved for the Leadership Studies minor for a total of 6 hours.		
Total Hours		14

College of Humanities, Arts and Sciences

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:		
Languages and Literatures:		
ENGLISH 6120 (620:206)	Feminist Literary Theories and Practice	3
Philosophy:		
PHIL 6010 (650:250)	Critical Perspectives on Gender	
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		
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 4150/5150 (640:162g)	Women and Christianity	
RELS 4170/5170 (640:168g)	Religion and Sexuality	
Philosophy:		
PHIL 6010 (650:250)	Critical Perspectives on Gender	
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 Social and Behavioral Sciences

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	Communication and Conflict Management	
	(48C:148g)	
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 Differences **	
PSYCH 2203 (400:160)	Social Psychology **	
PSYCH 3404/5404 (400:106g)	Psychology of Human Differences **	
Social Work:		
SW 4143/5143 (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 (450:163g)	Social Welfare: A World View	
SW 4163/5163 (450:163g)	Minority Group Relations **	
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	

List of Programs by Department

GEOG 4140/5140 (970:116g)	Geopolitics: (Variable Topic)
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 4163/5163 (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.

Iowa Lakeside Laboratory

(Interinstitutional Program)

www.continuetolearn.uiowa.edu/lakesidelab/

For current information refer to the above Iowa Lakeside Laboratory website.

Iowa Teacher Intern License Pathway (ITILP) - Answering the Call to Teach

(Regents Collaborative Program)

www.iowateacherintern.org.

The Iowa Teacher Intern License Pathway (ITILP) - *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 ITILP 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

Early August

One face-to-face Saturday of orientation to meet faculty and fellow students and to become acclimated to technology and the demands of the program.

August to December

7S:160/EDTL:3060 Pre-intern Fall (4 semester hours)

- 3 semester hours: focus on today's schools, demands, and the requirements of today's teachers.
- 1 semester hour: 24 contact hours of field experiences; focus is on observation and reflection.

January to April

7S:161/EDTL:3061 Pre-intern Spring (4 semester hours)

Prerequisite: 7S:160/EDTL:3060

- 3 semester hours: focus on teaching methods, classroom management, and lesson design.
- 1 semester hour: 28 contact hours of field experiences; focus is on assisting and teaching.

May

7S:162/EDTL:3062 Pre-intern Summer I (4 semester hours)

Prerequisite: 7S:161/EDTL:3061

- 3 semester hours: focus on researching the context of learning in the community in which the internship occurs, if possible.
- 1 semester hour: 8 contact hours of field experience; focus on investigations in intern school.

June-July

7S:163/EDTL:3063 Pre-intern Summer II (6 semester hours)

Prerequisite: 7S:162/EDTL:3062

- Focus on content specific methods, classroom management, assessment and preparation for the internship experience.

August-May/June

7S:164/EDTL:3064 Internship Experience I and II (two 3 semester hour seminars; repeat registration for spring term)

Prerequisite: 7S:163/EDTL:3063

- Serve as the probationary teacher intern, a.k.a. the Teacher of Record, in an Iowa secondary school for one academic year and receive a salary and benefits commensurate with that position.
- Seminar focus on depth of previous course work, including Teacher Talk, Investigation Sessions, and Mentor Program participation

June

Included in 7S:164/EDTL:3064; one day, (6 contact hours) face-to-face session

- Conclusion of program; focus on final assignments.
- Recommendation for initial licensure.

Department of Languages and Literatures

(College of Humanities, Arts and Sciences)

www.uni.edu/english

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
- Spanish
- Spanish-Teaching
- 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

- Certificate in French Language Studies
- Certificate in German Language Studies
- Certificate in Hispanic and Portuguese Studies
- Certificate in Hispanic Cultures
- Certificate in International Commerce
- Certificate in Portuguese Studies
- Certificate in Post-Colonial and Multicultural Literary Studies
- Certificate in Russian Language Studies
- Certificate in Spanish Language Studies
- Certificate in Spanish for Special Purposes

- Certificate in Teaching English to Speakers of Other Languages
- Certificate in 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 an equivalent designated 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:

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 to Early Modernity	3
ENGLISH 2340 (620:043)	Survey of English Literature: Romantics to Post-Colonialism	3
ENGLISH 2420 (620:053)	Survey of American Literature	3
Select one of the following:		3
English:		
ENGLISH 4765/5765 (620:102g)	Applied Writing: Workplace Communication **	
ENGLISH 4710 (620:103)	The Personal Essay	
ENGLISH 4770/5770 (620:104g)	Applied Writing: Proposals and Grants **	
ENGLISH 4775/5775 (620:105g)	Applied Writing: Technical Communication **	
ENGLISH 4025/5025 (620:163g)	Theory and Practice of Writing	
ENGLISH 4740/5740 (620:174g)	Poetry Workshop **	
ENGLISH 4750/5750 (620:175g)	Fiction Workshop **	
Journalism:		
COMM J 4735/5735 (48J:171g)	Advanced Reporting **	
TESOL/Applied Linguistics:		

List of Programs by Department

TESOL 4120/5120 (630:125g)	Introduction to Linguistics	3	ENGLISH 4425/5425 (620:123g)	American Realism and Naturalism to WWI	
or TESOL 4110/5110 (630:130g)	The Structure of English		ENGLISH 4445/5445 (620:124g)	20th-Century American Novel	
Electives in English literature, at least two courses from each group		18	ENGLISH 4602/5602 (620:134g)	Modern/Postmodern Poetry	
Within each group, other appropriate topics may be offered in sections of: *			ENGLISH 4430/5430 (620:153g)	American Poetry to 1914	
ENGLISH 3159/4159/5159 (620:159/620:159g) Experimental course			ENGLISH 4340/5340 (620:156g)	British Novel to 1900	
ENGLISH 3186/4186/5186 (620:186/620:186g) "Studies in"			Group C: Literary Theory, Film, Cross-Cultural: *		
ENGLISH 4688/5688 (620:126g)	Genre Seminar: _____		ENGLISH 4310/5310 (620:110g)	Old English Language, Literature, and Culture	
ENGLISH 4188/5188 (620:150g)	Author Seminar: _____		ENGLISH 4120/5120 (620:128g)	Images of Women in Literature	
ENGLISH 4190/5190 (620:188g)	Seminar in Literature: _____		ENGLISH 4652/5652 (620:139g)	Film and Literature	
Group A: Literature in English to 1800: *			ENGLISH 4660/5660 (620:142g)	Film History	
ENGLISH 4310/5310 (620:110g)	Old English Language, Literature, and Culture		ENGLISH 4540/5540 (620:157g)	African American Literature	
ENGLISH 4315/5315 (620:113g)	Early Modern Drama		ENGLISH 4560/5560 (620:158g)	Asian American Literature	
ENGLISH 4320/5320 (620:116g)	English Renaissance		ENGLISH 4140/5140 (620:161g)	Literary Criticism	
ENGLISH 4325/5325 (620:117g)	18th-Century British Literature		ENGLISH 4672/5672 (620:170g)	Electronic Literature	
ENGLISH 4370/5370 (620:144g)	Chaucer		ENGLISH 4632/5632 (620:172g)	Literary Nonfiction	
ENGLISH 4380/5380 (620:147g)	Milton		ENGLISH 4664/5664 (620:182g)	Film Theory and Criticism	
ENGLISH 4375/5375 (620:148g)	Shakespeare		ENGLISH 4577/CAP 3187 (CAP:187)	Blues and Jazz in African American Film and Literature	
ENGLISH 4410/5410 (620:151g)	Early American Literature		Electives in English language, literature or writing		
Group B: Literature in English since 1800: *			Total Hours		
ENGLISH 4615/5615 (620:115g)	Modern Drama		3		
ENGLISH 4330/5330 (620:118g)	British Romantic Writers		42		
ENGLISH 4335/5335 (620:119g)	British Victorian Writers				
ENGLISH 4345/5345 (620:120g)	20th-Century British Novel				
ENGLISH 4420/5420 (620:121g)	The American Renaissance				

** 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 4715/5715 (620:108g) or consent of instructor. ENGLISH 4750/5750 (620:175g) has prerequisite of ENGLISH 4725/5725 (620:109g) or consent of instructor. COMM J 4735/5735 (48J:171g) has prerequisite of COMM J 2755 (48J:071).

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:		
ENGLISH 2120 (620:034)	Critical Writing About Literature	3
ENGLISH 2520 (620:040)	Multicultural Literature	3
ENGLISH 2320 (620:042)	Survey of English Literature to Early Modernity	3
ENGLISH 2340 (620:043)	Survey of English Literature: Romantics to Post-Colonialism	3
ENGLISH 2420 (620:053)	Survey of American Literature	3
Select one of the following:		3
English:		
ENGLISH 4765/5765 (620:102g)	Applied Writing: Workplace Communication **	
ENGLISH 4710 (620:103)	The Personal Essay	
ENGLISH 4770/5770 (620:104g)	Applied Writing: Proposals and Grants **	
ENGLISH 4775/5775 (620:105g)	Applied Writing: Technical Communication **	
ENGLISH 4025/5025 (620:163g)	Theory and Practice of Writing	
COMM J 4735/5735 (48J:171g)	Advanced Reporting **	
TESOL/Applied Linguistics:		
TESOL 4120/5120 (630:125g)	Introduction to Linguistics	3
or TESOL 4110/5110 (630:130g)	The Structure of English	
Select one of the following:		3
TESOL 4140/5140 (630:143g)	History of the English Language	
ENGLISH 4940/5940 (620:165g)	Literature for Young Adults	

TESOL 4710/5710 (630:190g)	Applied English Linguistics for Teachers	
TESOL 4310/5310 (630:195g)	Modern English Grammar and Usage	
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
English:		
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
Electives in English literature, at least one course from each group:		9
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 4688/5688 (620:126g)	Genre Seminar: _____	
ENGLISH 4188/5188 (620:150g)	Author Seminar: _____	
ENGLISH 4190/5190 (620:188g)	Seminar in Literature: _____	
Group A: Literature in English to 1800: *		
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 4380/5380 (620:147g)	Milton	
ENGLISH 4375/5375 (620:148g)	Shakespeare	
ENGLISH 4410/5410 (620:151g)	Early American Literature	
Group B: Literature in English since 1800: *		

List of Programs by Department

ENGLISH 4615/5615 (620:115g)	Modern Drama
ENGLISH 4330/5330 (620:118g)	British Romantic Writers
ENGLISH 4335/5335 (620:119g)	British Victorian Writers
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 4445/5445 (620:124g)	20th-Century American Novel
ENGLISH 4602/5602 (620:134g)	Modern/Postmodern Poetry
ENGLISH 4430/5430 (620:153g)	American Poetry to 1914
ENGLISH 4340/5340 (620:156g)	British Novel to 1900
Group C: Literary Theory, Film, Cross-Cultural: *	
ENGLISH 4310/5310 (620:110g)	Old English Language, Literature, and Culture
ENGLISH 4120/5120 (620:128g)	Images of Women in Literature
ENGLISH 4652/5652 (620:139g)	Film and Literature
ENGLISH 4660/5660 (620:142g)	Film History
ENGLISH 4540/5540 (620:157g)	African American Literature
ENGLISH 4560/5560 (620:158g)	Asian American Literature
ENGLISH 4140/5140 (620:161g)	Literary Criticism
ENGLISH 4672/5672 (620:170g)	Electronic Literature
ENGLISH 4632/5632 (620:172g)	Literary Nonfiction
ENGLISH 4664/5664 (620:182g)	Film Theory and Criticism

ENGLISH 4577/CAP 3187 (CAP:187)	Blues and Jazz in African American Film and 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 J 4735/5735 (48J:171g) has prerequisite of COMM J 2755 (48J:071).

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
SPAN 3004 (780:104)	Introduction to Hispanic Literature
or SPAN 3005 (780:105)	Literary Miniatures
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

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 4090/5090 (700:190g)	The Teaching of Foreign Languages	3
LANG 4093/5093 (700:193g)	Technology in Foreign Language Education	2
SPAN 4091 (780:191)	Practicum in Teaching Spanish	2

Spanish:
a minimum of 31 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	
SPAN 3004 (780:104)	Introduction to Hispanic Literature *	
or SPAN 3005 (780:105)	Literary Miniatures	
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:	

at least 27 hours must be in courses numbered 100/3000-level or higher, and including at least two courses from group A or 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 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		38

** SPAN 3005 (780:105) is highly recommended for teaching majors.

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

Group A:		
ENGLISH 2120 (620:034)	Critical Writing About Literature	
Group B:		
ENGLISH 2320 (620:042)	Survey of English Literature to Early Modernity	
ENGLISH 2420 (620:053)	Survey of American Literature *	
Group C:		
ENGLISH 2520 (620:040)	Multicultural Literature	
ENGLISH 2340 (620:043)	Survey of English Literature: Romantics to Post-Colonialism	
ENGLISH 2420 (620:053)	Survey of American Literature *	

Select one of the following: 3

ENGLISH 4710 (620:103)	The Personal Essay	
ENGLISH 4770/5770 (620:104g)	Applied Writing: Proposals and Grants	

List of Programs by Department

ENGLISH 4775/5775 (620:105g)	Applied Writing: Technical Communication	
ENGLISH 4920/5920 (620:193g)	The Teaching of Writing	
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 English Grammar	3
TESOL 4740/5740 (630:193g)	TESOL I: Methods and Approaches	3
TESOL 4760/5760 (630:194g)	TESOL II: Pedagogical Strategies	3
TESOL 4720/5720 (630:196g)	Bilingual Education in the Public Schools	3
Electives in TESOL/Applied Linguistics		3
Electives in literature or TESOL/Applied Linguistics		3
Total Hours		42

* Note: ENGLISH 2420 (620:053) may be used for Group B or Group C but not both.

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:

English: literature core-at least one course from each group:		9
Group A:		
ENGLISH 2120 (620:034)	Critical Writing About Literature	
Group B:		
ENGLISH 2320 (620:042)	Survey of English Literature to Early Modernity	

ENGLISH 2420 (620:053)	Survey of American Literature *	
Group C:		
ENGLISH 2520 (620:040)	Multicultural Literature	
ENGLISH 2340 (620:043)	Survey of English Literature: Romantics to Post- Colonialism	
ENGLISH 2420 (620:053)	Survey of American Literature *	
Select one of the following:		3
ENGLISH 4710 (620:103)	The Personal Essay	
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	
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 English Grammar	3
TESOL 4740/5740 (630:193g)	TESOL I: Methods and Approaches	3
TESOL 4760/5760 (630:194g)	TESOL II: Pedagogical Strategies	3
TESOL 4720/5720 (630:196g)	Bilingual Education in the Public Schools	3
Electives in TESOL/Applied Linguistics		3
Electives in literature or TESOL/Applied Linguistics		3
Total Hours		42

* Note: ENGLISH 2420 (620:053) may be used for Group B or Group C but not both.

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.

TESOL/Modern Language Major-Teaching (Extended Program)

The TESOL/Modern Language Major-Teaching requires a minimum of 134 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 134 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:

English:		
ENGLISH 2120 (620:034)	Critical Writing About Literature	3
Select one of the following:		
ENGLISH 4710 (620:103)	The Personal Essay	3
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	
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
TESOL 4510/5510 (630:165g)	Language Development	3
TESOL 4340/5340 (630:192g)	Problems in English Grammar	3
TESOL 4740/5740 (630:193g)	TESOL I: Methods and Approaches	3
TESOL 4760/5760 (630:194g)	TESOL II: Pedagogical Strategies	3
TESOL 4720/5720 (630:196g)	Bilingual Education in the Public Schools	3
30 hours from one of the language emphases below		30
Total Hours		60

Emphases

French

Languages:		
LANG 4090/5090 (700:190g)	The Teaching of Foreign Languages	2-4
LANG 4093/5093 (700:193g)	Technology in Foreign Language Education	2-3
French:		
FREN 2001 (720:011)	Intermediate French Language and Culture	3-4

FREN 2011 (720:012)	Intermediate French Communication Practice	1-2
FREN 2002 (720:051)	Composition	3
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

Languages:		
LANG 4090/5090 (700:190g)	The Teaching of Foreign Languages	2-4
LANG 4093/5093 (700:193g)	Technology in Foreign 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	2-3
GER 3003/5003 (740:103g)	German Conversation	2-3
GER 4023/5023 (740:123g)	Cultural History of German-Speaking Countries	3
or GER 4050/5050 (740:150g)	Contemporary Germany and Austria	
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).		

Russian

Languages:		
LANG 4090/5090 (700:190g)	The Teaching of Foreign Languages	2-4
LANG 4093/5093 (700:193g)	Technology in Foreign Language Education	2-3
Russian:		
SLAV 2001 (770:011)	Intermediate Russian Language and Culture I	3
SLAV 2002 (770:012)	Intermediate Russian Language and Culture II	3
SLAV 2011 (770:013)	Intermediate Russian Practice I	2

List of Programs by Department

SLAV 2012 (770:014)	Intermediate Russian Practice II	2
SLAV 3101/5101 (770:101g)	Advanced Russian Language and Culture I	3
SLAV 3102/5102 (770:103g)	Advanced Russian Language and Culture II	3
SLAV 4091 (770:191)	Practicum in Teaching Russian	2

At least one Russian literature course; and electives in Russian more advanced than SLAV 1002 (770:002) and SLAV 1012 (770:004).

Spanish

Languages:

LANG 4090/5090 (700:190g)	The Teaching of Foreign Languages	2-4
LANG 4093/5093 (700:193g)	Technology in Foreign Language Education	2-3

Spanish:

SPAN 2002 (780:055)	Oral and Written Spanish	4
SPAN 3001 (780:101) or SPAN 3050/5050 (780:150g)	Advanced Writing Written Communication	3
SPAN 3004 (780:104)	Introduction to Hispanic Literature	3
or SPAN 3005 (780:105)	Literary Miniatures	
SPAN 3007 (780:107) & SPAN 3008/5008 (780:108g)	Introduction to Translation and Introduction to Spanish Linguistics	2

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	2

Electives in Spanish more advanced than SPAN 1002 (780:002).

Note: International students must have achieved a TOEFL paper-based score of 600 or computer-based score of 250 or the equivalent.

Minors

English Minor

Choose ONE option - 24 hours

Literary Studies Option

Required:

English:		
ENGLISH 2120 (620:034)	Critical Writing About Literature	3
ENGLISH 2320 (620:042)	Survey of English Literature to Early Modernity	3
Select two of the following:		6
ENGLISH 2520 (620:040)	Multicultural Literature	
ENGLISH 2340 (620:043)	Survey of English Literature: Romanticism to Post-Colonialism	
ENGLISH 2420 (620:053)	Survey of American Literature	
TESOL/Applied Linguistics:		
TESOL 4120/5120 (630:125g)	Introduction to Linguistics	3
or TESOL 4110/5110 (630:130g)	The Structure of English	
Electives in English literature, at least one course from each group:		9
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 4688/5688 (620:126g)	Genre Seminar: _____	
ENGLISH 4188/5188 (620:150g)	Author Seminar: _____	
ENGLISH 4190/5190 (620:188g)	Seminar in Literature: _____	
Group A: Literature in English to 1800:		
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 4380/5380 (620:147g)	Milton	
ENGLISH 4375/5375 (620:148g)	Shakespeare	
ENGLISH 4410/5410 (620:151g)	Early American Literature	
Group B: Literature in English since 1800:		

List of Programs by Department

ENGLISH 4615/5615 (620:115g)	Modern Drama
ENGLISH 4330/5330 (620:118g)	British Romantic Writers
ENGLISH 4335/5335 (620:119g)	British Victorian Writers
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 4445/5445 (620:124g)	20th-Century American Novel
ENGLISH 4602/5602 (620:134g)	Modern/Postmodern Poetry
ENGLISH 4430/5430 (620:153g)	American Poetry to 1914
ENGLISH 4340/5340 (620:156g)	British Novel to 1900
Group C: Literary Theory, Film, Cross-Cultural:	
ENGLISH 4310/5310 (620:110g)	Old English Language, Literature, and Culture
ENGLISH 4120/5120 (620:128g)	Images of Women in Literature
ENGLISH 4652/5652 (620:139g)	Film and Literature
ENGLISH 4660/5660 (620:142g)	Film History
ENGLISH 4540/5540 (620:157g)	African American Literature
ENGLISH 4560/5560 (620:158g)	Asian American Literature
ENGLISH 4140/5140 (620:161g)	Literary Criticism
ENGLISH 4672/5672 (620:170g)	Electronic Literature
ENGLISH 4632/5632 (620:172g)	Literary Nonfiction
ENGLISH 4664/5664 (620:182g)	Film Theory and Criticism

ENGLISH 4577/CAP 3187 (CAP:187)	Blues and Jazz in African American Film and Literature	
Total Hours		24

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 electives - literature in English		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

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 to Early Modernity	3
ENGLISH 2340 (620:043)	Survey of English Literature: 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.

List of Programs by Department

Spanish Minor

Required:

Spanish:		
SPAN 3001 (780:101)	Advanced Writing	3
or SPAN 3050/5050	Written Communication	
(780:150g)		
3 hours in Spanish courses more advanced than SPAN 3001 (780:101)		3
15 hours in Spanish in courses more advanced than SPAN 1002 (780:002)		15
Total Hours		21

Spanish Minor-Teaching

Required:

Methods:		7-9
LANG 4090/5090	The Teaching of Foreign Languages	
(700:190g)		
LANG 4093/5093	Technology in Foreign Language Education	
(700:193g)		
SPAN 4091	Practicum in Teaching Spanish	
(780:191)		
Spanish:		
SPAN 3001 (780:101)	Advanced Writing	3
or SPAN 3050/5050	Written Communication	
(780:150g)		
3 hours in Spanish in courses more advanced than SPAN 3001 (780:101)		3
14-16 hours in Spanish in courses more advanced than SPAN 1002 (780:002)		14-16
Total hours		29

Teaching English to Speakers of Other Languages (TESOL) Minor

Required:

TESOL/Applied Linguistics:		
TESOL 4120/5120	Introduction to Linguistics	3
(630:125g)		
or TESOL 4110/5110	The Structure of English	
(630:130g)		
TESOL 4350/5350	Phonology	3
(630:154g)		
TESOL 4540/5540	Sociolinguistics	3
(630:160g)		
TESOL 4510/5510	Language Development	3
(630:165g)		
TESOL 4340/5340	Problems in English Grammar	3
(630:192g)		
TESOL 4740/5740	TESOL I: Methods and Approaches	3
(630:193g)		
TESOL 4760/5760	TESOL II: Pedagogical Strategies	3
(630:194g)		
TESOL 4720/5720	Bilingual Education in the Public Schools	3
(630:196g)		
Total Hours		24

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

Required:

TESOL/Applied Linguistics:		
TESOL 4120/5120	Introduction to Linguistics	3
(630:125g)		
or TESOL 4110/5110	The Structure of English	
(630:130g)		
TESOL 4350/5350	Phonology	3
(630:154g)		
TESOL 4540/5540	Sociolinguistics	3
(630:160g)		
TESOL 4510/5510	Language Development	3
(630:165g)		
TESOL 4340/5340	Problems in English Grammar	3
(630:192g)		
TESOL 4740/5740	TESOL I: Methods and Approaches	3
(630:193g)		
TESOL 4760/5760	TESOL II: Pedagogical Strategies	3
(630:194g)		
TESOL 4720/5720	Bilingual Education in the Public Schools	3
(630:196g)		
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	Introduction to Literature	3
(620:031)		
or ENGLISH 2120	Critical Writing About Literature	
(620:034)		
ENGLISH 2715	Beginning Poetry Writing and Beginning Fiction Writing	3-6
(620:070)		
& ENGLISH 2725		
(620:071)		
or ENGLISH 2725	Beginning Fiction Writing	
(620:071)		
ENGLISH 4715/5715	Craft of Poetry and Craft of Fiction	3-6
(620:108g)		
& ENGLISH		
4725/5725 (620:109g)		
or ENGLISH	Craft of Fiction	
4725/5725 (620:109g)		
ENGLISH 4740/5740	Poetry Workshop and Fiction Workshop	3-6
(620:174g)		
& ENGLISH		
4750/5750 (620:175g)		
or ENGLISH	Fiction Workshop	
4750/5750 (620:175g)		
Elective in a studio or performance course in art, music, or theatre		0-3
Elective(s):		0-6

ENGLISH 4780/5780 (620:107g)	Professional Editing *	
And/or courses in creative writing and/or literature, including literature in a language other than English		
Total hours		18

* ENGLISH 4780/5780 (620:107g) has prerequisite of ENGLISH 2770 (620:077) or consent of instructor.

2. Professional Writing Option

English:		
ENGLISH 1005 (620:005)	College Writing and Research	0-3
or ENGLISH 2015 (620:015)	Craft of Academic Writing	
or ENGLISH 2120 (620:034)	Critical Writing About Literature	
Or equivalent (satisfaction of LAC Category 1A)		
English:		
ENGLISH 2770 (620:077)	Introduction to Professional Writing	3
ENGLISH 4765/5765 (620:102g)	Applied Writing: Workplace Communication	3
ENGLISH 4770/5770 (620:104g)	Applied Writing: Proposals and Grants	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 and Careers	3
Total hours		21-24

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 contact the Department of Languages and Literatures for other admission 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 30-36 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; and
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, 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
English Literature electives selected from the following:		21

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 4120/5120 (620:128g)	Images of Women in Literature
---------------------------------	-------------------------------

ENGLISH 4140/5140 (620:161g)	Literary Criticism
---------------------------------	--------------------

List of Programs by Department

ENGLISH 4188/5188 (620:150g)	Author Seminar: _____	ENGLISH 4615/5615 (620:115g)	Modern Drama
ENGLISH 4190/5190 (620:188g)	Seminar in Literature: _____	ENGLISH 4632/5632 (620:172g)	Literary Nonfiction
ENGLISH 4310/5310 (620:110g)	Old English Language, Literature, and Culture	ENGLISH 4652/5652 (620:139g)	Film and Literature
ENGLISH 4315/5315 (620:113g)	Early Modern Drama	ENGLISH 4660/5660 (620:142g)	Film History
ENGLISH 4320/5320 (620:116g)	English Renaissance	ENGLISH 4664/5664 (620:182g)	Film Theory and Criticism
ENGLISH 4325/5325 (620:117g)	18th-Century British Literature	ENGLISH 4672/5672 (620:170g)	Electronic Literature
ENGLISH 4330/5330 (620:118g)	British Romantic Writers	ENGLISH 4688/5688 (620:126g)	Genre Seminar: _____
ENGLISH 4335/5335 (620:119g)	British Victorian Writers	ENGLISH 6110 (620:204)	Topics in Literary Criticism
ENGLISH 4340/5340 (620:156g)	British Novel to 1900	ENGLISH 6120 (620:206)	Feminist Literary Theories and Practice
ENGLISH 4345/5345 (620:120g)	20th-Century British Novel	ENGLISH 6140 (620:208)	Contemporary Literary Theory
ENGLISH 4370/5370 (620:144g)	Chaucer	ENGLISH 6188 (620:284)	Seminar in Literature
ENGLISH 4375/5375 (620:148g)	Shakespeare	ENGLISH 6310 (620:220)	Medieval English Literature
ENGLISH 4380/5380 (620:147g)	Milton	ENGLISH 6320 (620:221)	English Renaissance Literature
ENGLISH 4410/5410 (620:151g)	Early American Literature	ENGLISH 6330 (620:223)	Restoration and 18th Century English Literature
ENGLISH 4420/5420 (620:121g)	The American Renaissance	ENGLISH 6340 (620:226)	19th Century English Literature
ENGLISH 4425/5425 (620:123g)	American Realism and Naturalism to WWI	ENGLISH 6350 (620:226)	Modern English Literature
ENGLISH 4430/5430 (620:153g)	American Poetry to 1914	ENGLISH 6420 (620:231)	American Romantic Literature
ENGLISH 4445/5445 (620:124g)	20th-Century American Novel	ENGLISH 6430 (620:232)	Issues in American Literature, 1865-1914
ENGLISH 4540/5540 (620:157g)	African American Literature	ENGLISH 6450 (620:234)	Modern American Literature
ENGLISH 4560/5560 (620:158g)	Asian American Literature	ENGLISH 6540 (620:260)	Contemporary Literature
ENGLISH 4602/5602 (620:134g)	Modern/Postmodern Poetry	English electives selected from the following:	6
		ENGLISH 4025/5025 (620:163g)	Theory and Practice of Writing
		ENGLISH 4040/5040 (620:164g)	Digital Writing: Theory and Practice
		ENGLISH 4120/5120 (620:128g)	Images of Women in Literature
		ENGLISH 4140/5140 (620:161g)	Literary Criticism
		ENGLISH 4188/5188 (620:150g)	Author Seminar: _____

List of Programs by Department

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 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 4715/5715 (620:108g)	Craft of Poetry
ENGLISH 4725/5725 (620:109g)	Craft of Fiction
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 and Careers
ENGLISH 4790/5790 (620:197g)	Professional Writing Practicum
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

List of Programs by Department

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 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 4025/5025 (620:163g)	Theory and Practice of Writing	
ENGLISH 4040/5040 (620:164g)	Digital Writing: Theory and Practice	
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 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 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	

List of Programs by Department

ENGLISH 4664/5664 (620:182g)	Film Theory and Criticism
ENGLISH 4672/5672 (620:170g)	Electronic Literature
ENGLISH 4688/5688 (620:126g)	Genre Seminar: _____
ENGLISH 4715/5715 (620:108g)	Craft of Poetry
ENGLISH 4725/5725 (620:109g)	Craft of Fiction
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 and Careers
ENGLISH 4790/5790 (620:197g)	Professional Writing Practicum
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 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 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
ENGLISH 4715/5715 (620:108g) or ENGLISH 4725/5725 (620:109g)	Craft of Poetry * Craft of Fiction	3-6
ENGLISH 4740/5740 (620:174g) or ENGLISH 4750/5750 (620:175g) and/or	Poetry Workshop * Fiction Workshop	6-12
ENGLISH 6720 (620:270)	Graduate Creative Writing Workshop	
Research:		
ENGLISH 6299 (620:299)	Research	6
Electives (planned with English Graduate Coordinator):		
English Literature electives must include 6 hours of 200/6000-level courses		12-15
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 4715/5715 (620:108g), ENGLISH 4725/5725 (620:109g), 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. Graduate information and application for graduate admission can be found at www.grad.uni.edu/admission.

List of Programs by Department

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 undergraduate purpose in target language
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.

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 LANG 4090/5090 (700:190g) , SPAN 3001

(780:101) and SPAN 3003 (780:103) , 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 6084 (780:284) Spanish Graduate Summer Symposium: (Topic)

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 contact the Department of Languages and Literatures for other admission 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 submit a Graduate Student Portfolio and complete an approved research paper. See 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 contact the Department of Languages and Literatures for other admission 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**. The thesis option includes 6 hours of TESOL 6299 (630:299) 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. See the TESOL Graduate Coordinator for details.

All students who have not had the following courses, or the equivalent, must include these courses as part of their graduate major:

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
Total Hours		9

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:

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 English Grammar	3
TESOL 4740/5740 (630:193g)	TESOL I: Methods and Approaches	3
TESOL 4760/5760 (630:194g)	TESOL II: Pedagogical Strategies	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 (630:299), 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.

List of Programs by Department

Major in TESOL/Modern Languages

Students interested in this program must submit a completed Application for Admission to Graduate Study and should contact the Department of Languages and Literatures for other admission 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) / PORT 3101/5101 (790:101g) / SLAV 3101/5101 (770:101g) / 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 Languages and Literatures faculties. See the TESOL Graduate Coordinator for details.

Required:

TESOL/Applied Linguistics:		
TESOL 4340/5340 (630:192g)	Problems in English Grammar	3
TESOL 4740/5740 (630:193g)	TESOL I: Methods and Approaches	3
or TESOL 4760/5760 (630:194g)	TESOL II: Pedagogical Strategies	
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 4090/5090 (700:190g)	The Teaching of Foreign Languages *	2-4
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 6007 (720:207)	Contemporary French Speech	
FREN 6070 (720:270)	French Literature in Review I	
FREN 6071 (720:271)	French Literature in Review II	
FREN 6289 (720:289)	Seminar	
Plus courses approved by the graduate French advisor.		6
Total Hours		15

German Emphasis:

Languages:		
LANG 4090/5090 (700:190g)	The Teaching of Foreign Languages *	2-4
or LANG 6090 (700:290)	Theory and Practice in Foreign Language Teaching	
German:		
GER 4023/5023 (740:123g)	Cultural History of German-Speaking Countries	3
or GER 4050/5050 (740:150g)	Contemporary Germany and Austria	
Plus courses approved by the graduate German advisor.		9
Total Hours		15

Spanish Emphasis:

Languages:		
LANG 4090/5090 (700:190g)	The Teaching of Foreign Languages *	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

* LANG 4090/5090 (700:190g) is required for a teaching endorsement in Modern Languages; LANG 4090/5090 (700:190g) has a required corequisite FREN 4091 (720:191) / GER 4091 (740:191) / SLAV 4091 (770:191) / SPAN 4091 (780:191) (2 hours), which cannot count toward an M.A. degree.

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 3000 (740:100)	Teaching German in the Elementary Schools
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 and Portuguese Studies

Required:

SPAN 3004 (780:104)	Introduction to Hispanic Literature	3
or PORT 1031 (790:031)	Introduction to Portuguese and Hispanic Literatures in Translation	
Portuguese courses above PORT 1001 (790:001)		6
Spanish courses above SPAN 1002 (780:002)		6
Total Hours		15

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	
Spanish:		9
9 hours of course work, selected from the following:		
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

List of Programs by Department

* SPAN 2002 (780:055) has prerequisite of SPAN 2001 (780:011) or equivalent.

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)	Seminar in International Business	3
Advanced writing course:		
7xx:101		3
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 Portuguese Studies

Required:

15 semester hours of course work, selected from the following: 15

Portuguese:		
PORT 1001 (790:001)	Basic Portuguese Language and Culture	
PORT 1002 (790:002)	Intermediate Portuguese Studies	
PORT 1010 (790:010)	Portuguese Practice	
PORT 1020 (790:020)	Portuguese Laboratory	
PORT 1031 (790:031)	Introduction to Portuguese and Hispanic Literatures in Translation	
Or any ENGLISH 1120 (620:031) section cross listed with the following:		
PORT 1031 (790:031)	Introduction to Portuguese and Hispanic Literatures in Translation	
PORT 1060 (790:060)	Portuguese Language and Culture Studio	
PORT 3101/5101 (790:101g)	Advanced Portuguese Communications	
PORT 3109 (790:109)	Bilingual Experiential Learning	
PORT 3123/5123 (790:123g)	Multimedia Studies in Culture	
PORT 3180/5180 (790:180g)	Topics in _____	
Or course pre-approved by department		
Total Hours		15

A final essay and interview are required.

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:		3-6
ENGLISH 2520 (620:040)	Multicultural Literature	
French:		
FREN 1120 (720:031)	Introduction to Francophone Literature in Translation	
Portuguese:		
PORT 1031 (790:031)	Introduction to Portuguese and Hispanic Literatures in Translation	
Electives:		9-12
(To include at least 9 hours of 1xx-level^ courses)		
Languages and Literatures:		
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 4008/5008 (720:108g)	Special Topics in Francophone Culture	
FREN 4028/5028 (720:128g)	Special Topics in Francophone Literature	
German:		
GER 3032 (740:132)	The German-American Experience	
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 Russian Language Studies

Required:

15 semester hours of course work, selected from the following:		15
Russian:		
SLAV 1001 (770:001)	Elementary Russian Language and Culture I	

SLAV 1002 (770:002)	Elementary Russian Language and Culture II
SLAV 1011 (770:003)	Elementary Russian Practice I
SLAV 1012 (770:004)	Elementary Russian Practice II
SLAV 2001 (770:011)	Intermediate Russian Language and Culture I
SLAV 2002 (770:012)	Intermediate Russian Language and Culture II
SLAV 2011 (770:013)	Intermediate Russian Practice I
SLAV 2012 (770:014)	Intermediate Russian Practice II
SLAV 3091 (770:091)	Bilingual Pre-Practicum
SLAV 3101/5101 (770:101g)	Advanced Russian Language and Culture I
SLAV 3102/5102 (770:103g)	Advanced Russian Language and Culture II
Total Hours	15

A written and/or oral proficiency examination at the discretion of the certificate committee.

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)	Advanced Writing
or SPAN 3050/5050 (780:150g)	Written Communication
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 3005 (780:105)	Literary Miniatures
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)	Advanced Writing	
or SPAN 3050/5050 (780:150g)	Written Communication	
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:

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	

List of Programs by Department

TESOL 4720/5720 (630:196g)	Bilingual Education in the Public Schools	3
TESOL 4740/5740 (630:193g)	TESOL I: Methods and Approaches	3
TESOL 4760/5760 (630:194g)	TESOL II: Pedagogical Strategies	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
 - Business Teaching
- **Minors**
 - General Business Concepts
 - Organizational Leadership

Note: Students majoring in Management, Management Information Systems (MIS) 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 UNIBusiness 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, 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, and Business Teaching majors minoring within the CBA must select minors designated for business majors. Management majors with Organizational Leadership

emphasis 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, or Business Teaching 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 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 UNIBusiness 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)	Freshman Seminar for Business Professionals	0
BUSINESS 2000 (100:020)	Business Professional 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

List of Programs by Department

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 3164 (150:164)	Quality and Process Improvement	
MGMT 3187 (150:187)	Organization Structure and Design	
MGMT 3189 (150:189)	Seminar in International Business	
MGMT 3905/5905 (150:105g)	Employment and Labor Law	
MGMT 3919/5919 (150:119g)	Leadership and Human Relations	
MGMT 3966/5966 (150:166g)	Staffing and Employee Development	
MGMT 3974/5974 (150:174g)	Ethics in Business	
Choose one other elective:		3
Upper-level (100/3000/4000-level) 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 3589/5589 (130:197g)	Experiential Learning in Entrepreneurship	
MKTG 4198 (130:198)	Independent Study	
MKTG 4595 (130:169)	Internship-Marketing	

Human Resource Management

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)	Seminar in International Business	
MGMT 3974/5974 (150:174g)	Ethics in Business	
Marketing:		
MKTG 3583/5583 (130:170g)	Entrepreneurship	

List of Programs by Department

Supply Chain and Operations

Required		
Marketing:		
MKTG 3163 (130:161)	Distribution and Logistics	3
Management:		
MGMT 3161 (150:161)	Supply Chain and Purchasing	3
MGMT 3164 (150:164)	Quality and Process Improvement	3
MGMT 4967/5967 (150:167g)	Strategic Supply Management	3

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)	Freshman Seminar for Business Professionals	0
BUSINESS 2000 (100:020)	Business Professional 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:		
Accounting:		
ACCT 3140 (120:136)	Accounting Information Systems	3
Management:		
MGMT 3127 (150:127)	Decision Support Systems	3
MGMT 3128 (150:128)	Business Application Development III	3
Computer Science:		
CS 3610/5610 (810:161g)	Artificial Intelligence (without lab)	3
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.

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)	Freshman Seminar for Business Professionals	0
BUSINESS 2000 (100:020)	Business Professional 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:		

List of Programs by Department

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 2017 (200:017)	Field Experience: Exploring Teaching	1
EDPSYCH 2030 (200:030)	Dynamics of Human Development	3
EDPSYCH 3128 (200:128)	Field Experience: Teacher as Change Agent	1
EDPSYCH 3148 (200:148)	Learning and Instruction in Classroom Contexts	3
SPED 3150 (220:150)	Meeting the Needs of Diverse Learners in Classrooms	2
MEASRES 3150 (250:150)	Classroom Assessment	2
SOCFOUND 3119 (260:119)	Schools and American Society	3
TEACHING 4170/5170 (280:170g)	Human Relations: Awareness and Application	3
TEACHING 3138 (280:138)	Secondary School Teaching	4-12

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 or equivalent	3
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, and Real Estate 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.)**
 - Chemistry-Marketing (also listed in Department of Chemistry and Biochemistry)
 - 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 UNIBusiness 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 UNIBusiness Advising (CBB 5) in the College of Business Administration.

Bachelor of Arts Degree Programs Chemistry-Marketing Major

The Chemistry-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.

This program is an interdisciplinary major offered by the Department of Chemistry and Biochemistry and the College of Business Administration, and is under the jurisdiction of the Department of Chemistry and Biochemistry. The Department of Chemistry and Biochemistry is responsible for advising students enrolled in the major. Required for the major are 24-27 semester hours in chemistry and biochemistry and 24 hours of business for a total of 48-51 hours. See Chemistry and Biochemistry Department for complete details of the major program.

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)	Freshman Seminar for Business Professionals	0
BUSINESS 2000 (100:020)	Business Professional 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

List of Programs by Department

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 3586/5586 (130:175g)	New Venture Development and Management	
MKTG 3595 (130:142)	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 3166 (130:166)	Retail Management	
MKTG 3583/5583 (130:170g)	Entrepreneurship	
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 3583/5583 (130:170g)	Entrepreneurship	
MKTG 3595 (130:142)	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 core

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:		
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	

List of Programs by Department

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)	Pricing	
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	
Finance:		
FIN 1040 (160:055)	Personal Financial Planning and Asset 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 *UNIBusiness* 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)	New Venture Development and Management	3

Economics:		
ECON 1031 (920:024)	Introduction to Economics **	3
Total Hours		15

* Students may substitute ACCT 2120 (120:030), ACCT 2130 (120:031), FIN 3130/5130 (160:151g), *STAT 1772 (800:072)*, and ECON 1011 (920:070) for BUSINESS 2010 (100:040).

** 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)	Ethics in Business	
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 I.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, and program certificate. 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**
 - Continuous Quality Improvement Certificate

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.

Required	
Mathematics:	
Common core: 15	
MATH 1420 (800:060)	Calculus I (required) *
MATH 1421 (800:061)	Calculus II
MATH 2422 (800:062)	Calculus III
MATH 2500 (800:076)	Linear Algebra for Applications
Mathematics core: 12	

List of Programs by Department

MATH 4420/5420 (800:140g)	Intermediate Mathematical Analysis I	
MATH 4421/5421 (800:141g)	Intermediate Mathematical Analysis II	
MATH 4500/5500 (800:160g)	Modern Algebra I	
MATH 4501/5501 (800:162g)	Modern Algebra II	
Electives		12-13
Mathematics:		
MATH 4900 (800:194)	Senior Mathematics Seminar **	
or		
MATH 4990 (800:195)	Undergraduate Research in Mathematics **	
Group I:		
MATH 3610/5610 (800:165g)	Modern Geometries	
or MATH 3600/5600 (800:166g)		
MATH 3630/5630 (800:155g)	Differential Geometry	
MATH 4641/5641 (800:167g)	Topology I	
Group II:		
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 3752/5752 (800:152g)	Introduction to Probability	
MATH 4460/5460 (800:156g)	Introduction to Complex Analysis	
Group III:		
MATH 3640/5640 (800:180g)	History of Mathematics: To the Calculus	
MATH 4510/5510 (800:144g)	Elementary Number Theory	
Total Hours		39-40

* These courses have additional prerequisites as follows:
MATH 1420 (800:060) has prerequisite of MATH 1140 (800:046), or MATH 1110 (800:043) and MATH 1130 (800:044), or equivalent.

MATH 3440/5440 (800:176g) has prerequisite of CS 1130 (810:030), CS 1160 (810:036), or CS 1510 (810:051).

** Either MATH 4900 (800:194) and four courses as described below, or MATH 4990 (800:195) and three courses as described below.

One course must be from each of Groups I, II, III. If a fourth course is required, it may be either any other course from Groups I, II, III, or any course that has one of the courses from Groups I, II, and III as a prerequisite.

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	Actuarial Mathematics (800:153g)	
ACT SCI 4788/5788	Loss Models (800:170g)	
ACT SCI 4785/5785	Introduction to Financial Engineering (800:197g)	
Electives		6
Select two from the following:		
STAT 3771/5771	Applied Statistical Methods for Research (800:121g)	
STAT 3776/5776	Regression Analysis (800:175g)	
STAT 3778/5778	Spatial Data Analysis (800:171g)	
STAT 4772/5772	Statistical Computing (800:122g)	
STAT 4773/5773	Design and Analysis of Experiments (800:123g)	
STAT 4777/5777	Statistical Quality Assurance Methods (800:157g)	
STAT 4779/5779	Applied Multivariate Statistical Analysis (800:196g)	
ACT SCI 3731	Actuarial Examination Preparation ** (800:146)	
ACT SCI 4735/5735	Actuarial Mathematics (800:153g)	
ACT SCI 4739/5739	Topics in Actuarial Science (800:158g)	
ACT SCI 4785/5785	Introduction to Financial Engineering (800:197g)	
ACT SCI 4788/5788	Loss Models (800:170g)	
MATH 3440/5440	Numerical Analysis (800:176g)	
MATH 3780/5780	Mathematics of Finance (800:145g)	
MATH 4754/5754	Introduction to Stochastic Processes (800:154g)	
Total Hours		43-46

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

** 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 (required) *	
MATH 1421 (800:061)	Calculus II	

MATH 2422 (800:062)	Calculus III	
MATH 2500 (800:076)	Linear Algebra for Applications	
Teaching core:		33
MATH 1310 (800:096)	Technology and Programming for Secondary Mathematics Teachers	
MATH 3303 (800:188)	The Teaching of Middle School/Junior High Mathematics	
MATH 3304 (800:190)	The Teaching of Secondary Mathematics	
MATH 3305 (800:183)	Connections: University Mathematics and the Secondary Curriculum	
MATH 3530/5530 (800:143g)	Combinatorics	
MATH 3610/5610 (800:165g)	Modern Geometries	
or MATH 3600/5600 (800:166g)	Euclidean Geometry	
MATH 3640/5640 (800:180g)	History of Mathematics: To the Calculus	
MATH 3751 (800:173)	Probability and Statistics	
MATH 4500/5500 (800:160g)	Modern Algebra I	
Select two of the following:		
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	Introduction to Programming Environments for Education	
CS 1160 (810:036)	C/C++ Programming	
CS 1510 (810:051)	Introduction to Computing	
Total Hours		51-52

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

For departmental approval to student teach, a student on the program must satisfy the university requirements to student teach and the following departmental requirements:

1. Must earn a C- or better in:
2. MATH 1420 (800:060) Calculus I
- MATH 1421 (800:061) Calculus II
- MATH 2500 (800:076) Linear Algebra for Applications

List of Programs by Department

MATH 3303 (800:188)	The Teaching of Middle School/Junior High Mathematics
MATH 3304 (800:190)	The Teaching of Secondary Mathematics
MATH 3530/5530 (800:143g)	Combinatorics
MATH 3610/5610 (800:165g)	Modern Geometries
or MATH 3600/5600 (800:166g)	Euclidean Geometry
MATH 4500/5500 (800:160g)	Modern Algebra I
MATH 3751 (800:173)	Probability and Statistics

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 (required) *
MATH 1421 (800:061)	Calculus II
MATH 2500 (800:076)	Linear Algebra for Applications

Electives 12

Mathematics:

ACT SCI 4739/5739 (800:158g)	Topics in Actuarial Science
MATH 2422 (800:062)	Calculus III
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 3610/5610 (800:165g)	Modern Geometries
or MATH 3600/5600 (800:166g)	Euclidean Geometry
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)	Intermediate Mathematical Analysis II

MATH 4510/5510 (800:144g)	Elementary Number Theory
MATH 4460/5460 (800:156g)	Introduction to Complex Analysis
MATH 4420/5420 (800:140g)	Intermediate Mathematical Analysis 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
MATH 4754/5754 (800:154g)	Introduction to Stochastic Processes
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 MATH 1140 (800:046), or MATH 1110 (800:043) and MATH 1130 (800:044), or equivalent.

Mathematics Minor-Teaching

Required

Mathematics:		
MATH 1310 (800:096)	Technology and Programming for Secondary Mathematics Teachers	3
MATH 1420 (800:060)	Calculus I (required) *	4
MATH 1421 (800:061)	Calculus II	4
Select one of the following:		3
STAT 1774 (800:064)	Introductory Statistics for Life Sciences (required)	
STAT 1772 (800:072)	Introduction to Statistical Methods (required)	
MATH 3751 (800:173)	Probability and Statistics	
MATH 2500 (800:076)	Linear Algebra for Applications	3
MATH 3530/5530 (800:143g)	Combinatorics	3
MATH 4500/5500 (800:160g)	Modern Algebra I	3
MATH 3610/5610 (800:165g)	Modern Geometries	3
or MATH 3600/5600 (800:166g)	Euclidean Geometry	
MATH 3303 (800:188)	The Teaching of Middle School/Junior High Mathematics	3
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 Introduction to Programming Environments for Education	
CS 1160 (810:036) C/C++ Programming	
CS 1510 (810:051) Introduction to Computing	
Total Hours	35-36

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

Mathematics Minor (K-8)-Teaching

Required

Mathematics:

MATH 1201 (800:031) Mathematical Reasoning for Teaching I	3
MATH 1210 (800:037) Technology for Elementary School Mathematics Teachers	3
MATH 3211 (800:111g) Introduction to Algebraic Thinking for Elementary Teachers	4
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	4
MATH 3202 (800:131) Mathematical Reasoning for Teaching II	3
MATH 3215 (800:192) Mathematics for Elementary Students with Special Needs	1
Total Hours	24

Statistics and Actuarial Science Minor

Required

Mathematics:

MATH 1420 (800:060) Calculus I (required) *	4
MATH 1421 (800:061) Calculus II	4
STAT 1774 (800:064) Introductory Statistics for Life Sciences (required)	3
or STAT 1772 (800:072) Introduction to Statistical Methods	

MATH 3752/5752 (800:152g) Introduction to Probability	3
---	---

Electives

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	
MATH 4754/5754 (800:154g) Introduction to Stochastic Processes	
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	
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 MATH 1140 (800:046), or MATH 1110 (800:043) and MATH 1130 (800:044), or equivalent.

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 32 hours** is required for the **non-thesis** option, including a minimum of 2 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 contact the Department of Mathematics for other admission 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.

List of Programs by Department

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:		2 or 6
MATH 6299 (800:299)	Research *	
Thesis option (6 hours)		
Non-thesis option (2 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)	Intermediate Mathematical Analysis 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 4754/5754 (800:154g)	Introduction to Stochastic Processes	
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		32

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:		20
MATH 6201 (800:220)	New Developments in Mathematics Education	
MATH 6203 (800:222)	Contemporary Assessment in Mathematics Education I	
MATH 6208	Contemporary Assessment in Mathematics Education II	
MATH 6212 (800:211)	Algebraic Content and Pedagogy for Teachers	
MATH 6215	Geometric Content and Pedagogy for Teachers	
MATH 6230	Reflective Teaching-Cognitive Demand of Mathematical Tasks	
MATH 6231	Reflective Teaching-Classroom Discourse	
MATH 6232	Reflective Teaching: Meaningful Distributed Instruction	
MATH 6234	Reflective Teaching: Leadership	
MATH 6235	Reflective Teaching: Investigation of Classroom Practice	
MATH 6381 (800:281)	Current Research in Mathematics Education	
Mathematics:		6
MATH 6370 (800:270)	Applied Linear Statistical Methods for Secondary Mathematics Teachers	
MATH 6410	Foundations of Calculus	
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 Statistics for Secondary Mathematics Teachers	
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:		12
MATH 6201 (800:220)	New Developments in Mathematics Education	
MATH 6208	Contemporary Assessment in Mathematics Education II	
MATH 6230	Reflective Teaching-Cognitive Demand of Mathematical Tasks	
MATH 6231	Reflective Teaching-Classroom Discourse	
MATH 6232	Reflective Teaching: Meaningful Distributed Instruction	
MATH 6234	Reflective Teaching: Leadership	
MATH 6235	Reflective Teaching: Investigation of Classroom Practice	
MATH 6381 (800:281)	Current Research in Mathematics Education	
Mathematics:		18
MATH 4501/5501 (800:162g) or MATH 6500 (800:240)	Modern Algebra II Abstract Algebra I	
MATH 6370 (800:270)	Applied Linear Statistical Methods for Secondary Mathematics Teachers	
MATH 6371 (800:271)	Probability and Statistics for Secondary Mathematics Teachers	
MATH 6410	Foundations of Calculus	
MATH 6530 (800:243)	Topics in Discrete Mathematics	
MATH 6670 (800:267)	Non-Euclidean Geometry	
Postsecondary Education:		
POSTSEC 6260 (170:260)	History and Philosophy of 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 contact

the Department of Mathematics for other admission 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:		
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. Requirements for admission to the program include the

List of Programs by Department

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

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 34 hours** is required. A **minimum of 12 hours of 200/6000-level course work is required.**

No comprehensive examination is required for this **non-thesis** option.

This major requires completion of the business and experiential component, the seminar experience, the Mathematics core, the Actuarial Science core, and 9 hours of electives that do not duplicate course work chosen from the Actuarial Science core requirement.

Required

Business and Experiential Component: 9

Mathematics:

MATH 6795 (800:275)	Industrial Internship/Project
---------------------	-------------------------------

Science and Science Education:

PSM 6100 (820:209)	Business Management for Science Professionals
--------------------	---

Seminar experience: 1-2

Select one of the following:

MATH 6289 (800:289)	Seminar in Lean and Six Sigma Methods in Industry
---------------------	---

PSM 6289 (820:289)	Professional Science Master's Seminar
--------------------	---------------------------------------

Mathematics core:

MATH 6745 (800:250)	Deterministic Operations Research	3
---------------------	-----------------------------------	---

MATH 6747 (800:252)	Discrete-Event System Simulation	3
---------------------	----------------------------------	---

Actuarial Science Core: 9

Select three courses 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 9

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
---------------------------	---------------------------

Mathematics:

STAT 3771/5771 (800:121g)	Applied Statistical Methods for Research
---------------------------	--

STAT 4772/5772 (800:122g)	Statistical Computing
---------------------------	-----------------------

STAT 4773/5773 (800:123g)	Design and Analysis of Experiments
---------------------------	------------------------------------

MATH 4742/5742 (800:125g)	Geometric Modeling for CAD
---------------------------	----------------------------

MATH 3530/5530 (800:143g)	Combinatorics
---------------------------	---------------

MATH 3780/5780 (800:145g)	Mathematics of Finance
---------------------------	------------------------

MATH 3425/5425 (800:149g)	Differential Equations
---------------------------	------------------------

MATH 3430/5430 (800:150g)	Partial Differential Equations
---------------------------	--------------------------------

MATH 3752/5752 (800:152g)	Introduction to Probability
---------------------------	-----------------------------

ACT SCI 4735/5735 (800:153g)	Actuarial Mathematics
------------------------------	-----------------------

MATH 4754/5754 (800:154g)	Introduction to Stochastic Processes
---------------------------	--------------------------------------

MATH 3630/5630 (800:155g)	Differential Geometry
---------------------------	-----------------------

MATH 4460/5460 (800:156g)	Introduction to Complex Analysis
---------------------------	----------------------------------

STAT 4777/5777 (800:157g)	Statistical Quality Assurance Methods
---------------------------	---------------------------------------

ACT SCI 4739/5739 (800:158g)	Topics in Actuarial Science
------------------------------	-----------------------------

ACT SCI 4788/5788 (800:170g)	Loss Models
------------------------------	-------------

STAT 3778/5778 (800:171g)	Spatial Data Analysis
---------------------------	-----------------------

STAT 3775/5775 (800:174g)	Introduction to Mathematical Statistics	
STAT 3776/5776 (800:175g)	Regression Analysis	
MATH 3440/5440 (800:176g)	Numerical Analysis	
STAT 4779/5779 (800:196g)	Applied Multivariate Statistical Analysis	
ACT SCI 4785/5785 (800:197g)	Introduction to Financial Engineering	
MATH 6746 (800:251)	Probabilistic Operations Research	
MATH 6748 (800:253)	Modeling Industrial Systems Using Queueing Networks	
STAT 6772 (800:272)	Advanced Statistical Methods	
MATH 6779 (800:273)	Topics in Probability and Statistics	
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		34

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

Certificate in Continuous Quality Improvement

The Continuous Quality Improvement certificate provides academic course work that covers all of the Body of Knowledge (BOK) on which the American Society for Control (ASQ) Six Sigma Black Belt certification examination is based, as well as the overwhelming majority of the BOK on which the ASQ Quality Engineer certification examination is based. The course work requirements are a subset of those required in the Continuous Quality Improvement emphasis of the Professional Science Master's Degree in Industrial Mathematics. The certificate is awarded on successful completion of the following courses:

Required		
Mathematics:		
STAT 3771/5771 (800:121g)	Applied Statistical Methods for Research	3
STAT 4773/5773 (800:123g)	Design and Analysis of Experiments	3
STAT 4777/5777 (800:157g)	Statistical Quality Assurance Methods	3
MATH 6745 (800:250)	Deterministic Operations Research	3
STAT 6772 (800:272)	Advanced Statistical Methods	3

MATH 6289 (800:289) Seminar in Lean and Six Sigma Methods in Industry	2
Total Hours	17

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)	Leadership and Personal Development	1
MIL SCI 1092 (080:092)	Introduction to Tactical Leadership	1
MIL SCI 1094 (080:093)	Foundations of Tactical Leadership	2
MIL SCI 1093 (080:094)	Innovative Team Leadership	2
Advanced Course:		
MIL SCI 3116 (080:116)	Adaptive Tactical Leadership	3
MIL SCI 3117 (080:117)	Leadership in Changing Environments	3
MIL SCI 3118 (080:118)	Developing Adaptive Leaders	3
MIL SCI 3119 (080:119)	Leadership in a Complex World	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

List of Programs by Department

* 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)	Leadership and Personal Development *	1
MIL SCI 1092 (080:092)	Introduction to Tactical Leadership *	1
MIL SCI 1094 (080:093)	Foundations of Tactical Leadership *	2
MIL SCI 1093 (080:094)	Innovative Team Leadership *	2
MIL SCI 3116 (080:116)	Adaptive Tactical Leadership	3
MIL SCI 3117 (080:117)	Leadership in Changing Environments	3
MIL SCI 3118 (080:118)	Developing Adaptive Leaders	3
MIL SCI 3119 (080:119)	Leadership in a Complex World	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 319-273-6337. 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 319-273-6337. 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: Admission to the School of Music requires successful completion of an audition in the main performance area.

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.

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 vocal/choral 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. 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 (7 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 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

List of Programs by Department

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	2
Applied Improvisation: *		
MUS APPL 3550/5550 (540:155g)	Jazz Improvisation	2
Instrumental Jazz Improvisation: **		
MUS TECH 1520/3520	Instrumental Jazz Improvisation	3
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 1520 (560:052)/MUS TECH 3520/5520 (560:152g)], 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 1120 (530:012)	Ensemble	2
Applied Music *		
Techniques (High and Low Strings):		
MUS ED 1100 (570:010)	Instrumental Techniques	2
Instrumental Pedagogy (String):		
MUS ED 3380/5380 (570:138g)	Instrumental Pedagogy (repeat, taking 2 sections)	4
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
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 (18 hours beyond Core)

Required		
B.A. Core		34
Communication Studies production courses:		
COMM EM 2656 (48E:011)	Audio Production: (Topic)	9
COMM EM 3656	Audio Practicum	
COMM EM 3940 (48E:191)	Applied Electronic Media	
Music Technology:		
MUS THEO 3220/5220 (580:122g)	Music and Technology	2
MUS THEO 3230/5230 (580:123g)	Music Technology, Advanced	3
Composition (focus on electronic music):		
MUS THEO 1300 (580:030)	Composition Class	2
Internships (recording and sound engineering):		
MUS ED 3020 (570:102)	Music Technology Internship	2
Senior Project in Music Technology:		
MUS THEO 4900 (580:190)	Senior Project, Music Technology	0
Total Hours		52

Interview required for admission to this program, in addition to the audition required of all music majors.

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:		3
MUS TECH 3520/5520 (560:152g)	Instrumental Jazz Improvisation	
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

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 both of these minors.

Bachelor of Music Degree Programs

Composition-Theory Major

The B.M. Composition-Theory major requires a minimum of 121 total hours to graduate. This total includes Liberal Arts Core requirements

List of Programs by Department

and the following specified major requirements to complete the minimum of 121 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	2
Applied Composition:		
MUS APPL 1540 (540:054)	Composition	4
MUS APPL 3540/5540 (540:154g)	Composition	12
MUS ENS xxxx (530:xxx)	Music, Organizations and ensembles [MUS ENS xxxx]	8
Applied Music: Applied Piano: *		
MUS APPL 2600 (540:060)	Applied Piano Beyond Proficiency	2
Music Techniques:		
MUS TECH 1520/3520	Instrumental Jazz Improvisation	6
Select one of the following:		
MUS TECH 1170 (560:017)	Conducting I—Instrumental	8
or MUS TECH 1180 (560:018)	Conducting I—Choral	
MUS TECH 1210 (560:021)	Conducting II—Instrumental	8
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)		8
MUS LIT 3xxx (595:1xx)		
Electives in music: (100/3000/4000-level)		8
The following jazz courses are recommended:		
MUS THEO 3270/5270 (580:127g)	Jazz Arranging I	6
MUS THEO 3280/5280 (580:128g)	Jazz Arranging II	
MUS THEO 3320/5320 (580:132g)	Jazz Composition Class	6
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 136 total hours for Specialization A, minimum of 137 total hours for Specialization B, and a minimum of 149 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 136, 137 or 149 hours (depending on specialization).

Required

MUS ENS xxxx/530:xxx	Music, Organizations and Ensembles (MUS ENS xxxx/530:xxx)	7
Applied Music (MUS APPL xxxx/540:xxx) see specializations below:		

List of Programs by Department

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		38
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
Music Education and Methods:		
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		28

* 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
Music Education and Methods: *		10
MUS ED 1100 (570:010)	Instrumental Techniques	
MUS ED 3630 (570:163)	Instrumental Methods III: School Administration	
MUS ED 3640 (570:164)	Instrumental Methods IV: Jazz Band	
MUS ED 4161 (570:161)	Instrumental Methods I: Strings	
MUS ED 4162 (570:162)	Instrumental Methods II: Marching Band	
Total Hours		29

* 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 1520/3520	Instrumental Jazz Improvisation	
Music Education and Methods:		10
MUS ED 1100 (570:010)	Instrumental Techniques	
MUS ED 3630 (570:163)	Instrumental Methods III: School Administration	
MUS ED 3640 (570:164)	Instrumental Methods IV: Jazz Band	
MUS ED 4161 (570:161)	Instrumental Methods I: Strings	
MUS ED 4162 (570:162)	Instrumental Methods II: Marching Band	
Music Theory:		

List of Programs by Department

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		39

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 3630 (570:163), 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).
2. For specialization C (Jazz): two (2) semesters of jazz combo are required in addition to the large ensemble requirement (7 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.
5. Guitar majors may not pursue the Music Education with Jazz specialization degree.

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 122 total hours to graduate for Track A (Instrumental) and 132 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 122 hours (Track A) and 132 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, and are strongly recommended to take 595:120 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.

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.

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 contact the School of Music for other admission requirements. Graduate information and application for graduate admission can be found at www.grad.uni.edu/admission.

List of Programs by Department

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 APPL, MUS ED, MUS ENS, MUS HIS MUS LIT, MUS TECH, MUS THEO (520-595)].**

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 APPL, MUS ED, MUS ENS, MUS HIS MUS LIT, MUS TECH, MUS THEO (520-595)].

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

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 APPL, MUS ED, MUS ENS, MUS HIS MUS LIT, MUS TECH, MUS THEO (520-595)].

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.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should contact the School of Music for other admission requirements. Graduate Information and application for graduate admission can be found at www.grad.uni.edu/admission.

Major in Composition

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:		
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:		
Recital:		11
MUS APPL 6880 (540:288)	Graduate Recital	
Total Hours		35

Additional Requirements:

1. Performance recital of candidate-generated compositions.
2. Recital abstract.

Major in Conducting

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:		
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: 530:1xx/5xxx *		4
Applied Music:		
Select one of the following:		12

List of Programs by Department

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	
Recital:		
MUS APPL 6880 (540:288)	Graduate Recital	
Music Electives: as approved by advisor:		5
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:

- Two consecutive semesters (fall/spring) of residency with fulltime status (minimum of 9 graduate hours per semester).
- Conducting recital.
- Recital abstract.
- Conducting document (research paper).
- Score reading:
 - Choral Conducting Majors* - Ability to read and perform at the keyboard (allowing some time for advance preparation) an SATB open score of medium difficulty (e.g., Palestrina motet).
 - Instrumental Conducting Majors* - Ability to read and interpret a moderately complex instrumental score.
- Students are required to enroll in applied music in their performance area during the semester that they present their required recital.

Major in Jazz Pedagogy

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) or MUS TECH 3520/5520 (560:152g)	Advanced Instrumental Jazz Improvisation * Instrumental Jazz Improvisation	
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	
Research:		
MUS TECH 6299 (560:299)	Research	2
Recital:		
MUS APPL 6880 (540:288)	Graduate Recital	
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)	
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

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.)		
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:

Select one or two from the following: 3 or 6

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 3220/5220 (560:122g)	Conducting III—Choral	
MUS TECH 3350/5350 (560:135g)	Accompanying	
MUS TECH 3520/5520 (560:152g)	Instrumental Jazz Improvisation	
MUS ED 3300/5300 (570:130g)	Vocal Pedagogy	
MUS ED 3750/5750 (570:175g)	Pedagogical Approaches to Music Education	
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

Thesis Option (contingent on availability of faculty):

List of Programs by Department

Required

Research:		
MUS ED 6299 (570:299)	Research (in lieu of 3 hours of electives)	3

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

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:		
MUS HIST 3100/5100 (590:110g)	Music History—Middle Ages and Renaissance	3
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

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:		
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	
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	
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

List of Programs by Department

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 ensemble MUS 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 560:110g 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 languages other than English prior to entering UNI. Otherwise one must fulfill this requirement during the residency at UNI.
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

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	
-------------------------------------	-----------------------	--

List of Programs by Department

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	
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	
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.

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 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 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

Philosophy Major

The Philosophy 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

Philosophy:		
PHIL 1030 (650:045)	Elementary Logic	3
PHIL 3500 (650:142)	Ethics	3
PHIL 4010/5010 (650:150g)	Knowledge and Reality	3

Select at least three of the following:	9-12
---	------

PHIL 3210 (650:100)	History of Philosophy: Ancient	
PHIL 3220 (650:101)	History of Philosophy: Medieval	
PHIL 3230 (650:103)	History of Philosophy: Renaissance through Enlightenment	
PHIL 3240 (650:104)	History of Philosophy: Modern	

Electives from the following:	9-12
--------------------------------------	------

PHIL 1020 (650:021)	Philosophy: The Art of Thinking	
PHIL 3010/CAP 3151 (CAP:151)	Money, Sex and Power: Theories of Race, Class and Gender	
PHIL 3120 (650:143)	Philosophy of Art	
PHIL 3130 (650:119)	Philosophy of Science	
PHIL 3310/5310 (650:153g)	The Human Person	
PHIL 3320 (650:172)	Society, Politics, and the Person	
RELS/PHIL 4110	Philosophy of Religion	
PHIL 4310/5310 (650:105g)	Marxisms	
RELS/PHIL 4320	Existentialism	
PHIL 4330/5330 (650:160g)	Phenomenology and Foucault	
PHIL 4410/5410 (650:164g)	Nietzsche, Nihilism, and the "Overcoming" of Western Metaphysics	
PHIL 4420/5420 (650:166g)	Philosophy of Language: Wittgenstein	
PHIL 6010 (650:250)	Critical Perspectives on Gender	

Additional electives in philosophy	6
---	---

Total hours	36
-------------	----

Major in the Study of Religion

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

Required

World Religions Core:		
RELS 3210 (640:130)	Great Living Religions: Hinduism and Buddhism	3
RELS 3220 (640:132)	Confucianism, Daoism, and Zen	3
RELS 3230 (640:134)	Great Living Religions: Judaism and Islam	3

List of Programs by Department

RELS 3240 (640:136)	Great Living Religions: Christianity *	3
Select 3 hours from each of the following categories:		
Interactions Within and Among Religions:		3
RELS 1030 (640:030)	What is Religion?	
RELS 3010 (640:110)	Angels Across Cultures	
RELS 3020 (640:126)	Meditation and Mystical Experience	
RELS 4160/5160 (640:165g)	Religion and Society *	
RELS 4170/5170 (640:168g)	Religion and Sexuality *	
Religion and Culture:		3
RELS 1510 (640:040)	Religion, Ethics, and Film	
RELS 3103 (640:161)	Religion, Magic, and Witchcraft	
RELS 3310 (640:138)	Malcolm, Martin, and Justice	
RELS 3320 (640:140)	Black Liberation and the Black Church	
RELS 3500 (640:171)	Religion and Ethics	
RELS 4150/5150 (640:162g)	Women and Christianity *	
RELS 4230/5230 (640:117g)	Religion in America	
RELS/PHIL 3110/CAP 3194 (CAP:194)	Perspectives on Death and Dying	
Textual and Analytical Explorations of Religion:		3
RELS 3001 (640:141)	Old Testament and Other Hebrew Scriptures	
RELS 3002 (640:142)	New Testament and Early Christian Writings	
RELS 4110/5110 (640:113g)	Philosophy of Religion *	
RELS 4120/5120 (640:115g)	Religion and Its Critics *	
RELS 4130/5130 (640:158g)	Why We Believe *	
RELS 4140/5140 (640:154g)	Myth and Symbol	
RELS 4320/5320 (640:152g)	Existentialism *	
Senior Seminar:		
RELS 4410	Senior Seminar in Religion	3
Students are also required to take at least two required or elective courses as Writing Enhanced courses as designated(*)		
Electives in the Study of Religion (select from any courses above, plus the following):		12
RELS 1020 (640:024)	Religions of the World	
RELS 3080/5080 (640:189g)	Individual Readings in Religion	
RELS 3550 (640:197)	Ethics Practicum	

RELS 4186/5186 (640:186g)/5186 (640:186g) "Studies in"	
and not more than two courses from:	
RELS/PHIL 3510/CAP 3173 (CAP:173)	Bio-Medical Ethics
RELS 3520/5520 (640:175g)	Environmental Ethics
or PHIL 3530/5530 (650:175g)	Environmental Ethics
RELS/PHIL 3540/ MGMT 3974/5974 (150:174g)	Ethics in Business
Total Hours	36

* Writing Enhanced courses.

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 3500 (650:142)	Ethics	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 2010 (650:050)	Reasoning About Moral Problems	
Select one of the following: 3		
Philosophy or Study of Religion:		
RELS/PHIL 3510/CAP 3173 (CAP:173)	Bio-Medical Ethics	
RELS 3520/ PHIL 3530/5530 (650:175g)	Environmental Ethics	
RELS/PHIL 3540	Ethics in Business	
Philosophy:		

PHIL 6510 (650:245)	Ethics in Public Policy	
Electives: select one of the following:		3
Management:		
MGMT 3100 (150:100)	Legal and Social Environment of Business	
Finance:		
FIN 3050 (160:162)	Risk Management and Insurance	
Teaching:		
TEACHING 4170/5170 (280:170g)	Human Relations: Awareness and Application	
Psychology:		
PSYCH 2203 (400:160)	Social Psychology	
Social Work:		
SW 4194/5194 (450:194g)	Seminar in Social Work	
Communication:		
COMM 4447/5447 (48C:108g)	Performance and Social Change	
COMM 4236/CAP 3128 (CAP:128)	Ethics in Communication	
Study of Religion:		
RELS 4120/5120 (640:115g)	Religion and Its Critics	
Philosophy:		
PHIL 3320 (650:172)	Society, Politics, and the Person	
PHIL 4310/5310 (650:105g)	Marxisms	
PHIL 4410/5410 (650:164g)	Nietzsche, Nihilism, and the "Overcoming" of Western Metaphysics	
Philosophy or Study of Religion:		
RELS/PHIL 3110/CAP 3194 (CAP:194)	Perspectives on Death and Dying	
RELS/PHIL 3550	Ethics Practicum	
RELS/PHIL 4320	Existentialism	
Humanities:		
HUM 3130 (680:130)	Culture and Philosophy of African American Life	
Political Science:		
POL THRY 3160 (941:160)	Classical Political Theory	
POL THRY 3161 (941:161)	Modern Political Theory	
History:		
HISUS 4245/5245 (961:122g)	African-American History	
HISUS 4275/5275 (961:142g)	United States Constitutional History	
HISEUB 4690/5690 (963:161g)	Modern European Women's History	
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

Study of Religion:		
RELS 1020 (640:024)	Religions of the World	3
RELS 3001 (640:141)	Old Testament and Other Hebrew Scriptures	3
or RELS 3002 (640:142)	New Testament and Early Christian Writings	
Electives in world religions		15
Total Hours		21

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

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

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.

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.

List of Programs by Department

Required

Mathematics:		
MATH 1420 (800:060)	Calculus I (required)	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 3425/5425 (800:149g)	Differential Equations	3
Chemistry and Biochemistry:		
Select one of the following:		5-8
CHEM 1110 (860:044) & CHEM 1120 (860:048)	General Chemistry I and General Chemistry II (required)	
CHEM 1130 (860:070)	General Chemistry I-II (required)	
Physics:		
PHYSICS 1701 (880:130)	Physics I for Science and Engineering (required)	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
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 4600/5600 (880:166g)	Classical Mechanics	4
PHYSICS 4700/5700 (880:167g)	Electrodynamics	4
PHYSICS 4800/5800 (880:172g)	Quantum Mechanics	4
PHYSICS 4860/5860 (880:150g)	Computational Physics	3
PHYSICS 4900/5900 (880:136g)	Thermodynamics and Statistical Mechanics	4
Electives		
Physics: 100/3000-level *		3
EARTHSCI 3318 (870:130)	Crystallography (may include this course)	
Total Hours		68-71

* See course descriptions for 4-digit numbers associated with these 100/3000-level courses.

Bachelor of Arts Degree Program

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 (required)	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 1701 (880:130)	Physics I for Science and Engineering (required)	4
PHYSICS 1702 (880:131)	Physics II for Science and Engineering	4
PHYSICS 2300 (880:132)	Physics III: Theory and Simulation	3
PHYSICS 4100/5100 (880:137g)	Modern Physics	4
PHYSICS 4110/5110 (880:138g)	Modern Physics Laboratory	2
Electives		
Physics: all 100/3000-level courses *		7
Non-physics science courses from the College of Humanities, Arts and Sciences **		6
Total Hours		46

* See course descriptions for 4-digit numbers associated with these 100/3000-level courses.

** Excluding all 820:xxx and mathematics below *MATH 1420 (800:060)*.

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

Technology:		
TECH 3188/5188 (330:188g)	Nanotechnology Fabrication	3
Mathematics:		
MATH 1420 (800:060)	Calculus I (required)	4
MATH 1421 (800:061)	Calculus II	4
Chemistry and Biochemistry:		
Select one of the following:		5-8
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)	General Physics I	4

or PHYSICS 1701 (880:130)	Physics I for Science and Engineering	
PHYSICS 1512 (880:056)	General Physics II	4
or PHYSICS 1702 (880:131)	Physics II for Science and Engineering	
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		30-33

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:		
100/3000-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 100/3000-level courses.

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

- **Program Certificates**
 - Certificate in International Peace and Security
 - Certificate in 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 Studies:		
COMM 4216/5216 (48C:160g) or POL AMER 4160/5160	Political Communication	3
COMM 4211/5211 (48C:123g)	Rhetoric and Civic Culture	3
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)	Introduction to 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 *	

List of Programs by Department

COMM 2533 (48C:024)	Media Literacy
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)	Technology and Human Communication
COMM EM 4616/5616 (48E:141g)	Electronic Media: Processes and Effects *
COMM J 4743/5743 (48J:132g)	Mass Communication Law and Ethics *
COMM J 4754/5754 (48J:151g)	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 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 prerequisite of COMM 2344 (48C:004).
 COMM EM 4616/5616 (48E:141g) has prerequisite of COMM EM 1611 (48E:021) or consent of instructor.
 COMM J 4754/5754 (48J:151g) 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 prerequisites 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) and POL INTL 1024 (943:024) satisfy Category 5B 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 (942:172)	Public Budgeting	3
POL AMER 4153/5153 (942:153g)	Public Organizations	3
POL AMER 4173/5173 (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 3310 (970:164)	Geographic Information Systems I	
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 4163/5163 (450:163g)	Minority Group Relations *	
----------------------------	----------------------------	--

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	

List of Programs by Department

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 gGEOG 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 4163/5163 (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
Economics: ^		
ECON 3245/5245 (920:136g)	International Economics ^	
Political Science:		
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 3129 (943:129)	International Diplomacy and Negotiation	
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	
POL COMP 3121 (944:121)	Terrorism and Insurgency	
POL COMP 3123 (944:123)	Nationalism	
Select at least one of the following:		3
Political Science:		
POL COMP 3135 (944:135)	Western European Democracies	
POL COMP 3162 (944:162)	Politics of East Asia	
POL COMP 3164 (944:164)	Russian and East European 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 J 4754/5754 (48J:151g)	Global Mass Communication Systems ^	
French:		
FREN 4024/5024 (720:124g)	French Civilization ^	
FREN 4025/5025 (720:125g)	Contemporary France ^	
German:		
GER 4023/5023 (740:123g)	Cultural History of German-Speaking Countries ^	
GER 4050/5050 (740:150g)	Contemporary Germany and Austria ^	
Russian:		
SLAV 4141/5141 (770:141g)	Russian Culture and Civilization I ^	
SLAV 4142/5142 (770:142g)	Russian Culture and Civilization II ^	
Spanish:		
SPAN 3020 (780:120)	Latin American Culture and Civilization ^	
SPAN 3023 (780:123)	Culture and Civilization of Spain ^	
SPAN 3052/5052 (780:152g)	Contemporary Hispanic Culture	
Portuguese:		

List of Programs by Department

PORT 3123/5123 (790:123g)	Multimedia Studies in Culture ^
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)	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 4130/5130 (970:114g)	Political Geography
GEOG 4140/5140 (970:116g)	Geopolitics: (Variable Topic) ^
GEOG 4150/5150 (970:141g)	Regional Geography: (Variable Topic)
Sociology/Anthropology:	
SOC/ANTH 3001	Language and Culture ^
CRIM 4262/ ANTH 3441/5441 (990:162g)	Crime, Law, and Justice: A Global Perspective ^
Total hours ***	21

* POL INTL 1024 (943:024) satisfies Category 5B 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 teaching or non-teaching major in political science.

^ These courses have additional prerequisites as follows:
COMM J 4754/5754 (48J:151g) has prerequisite of COMM COR 1010 (48J:002).
FREN 4024/5024 (720:124g) and FREN 4025/5025 (720:125g) have prerequisite of FREN 3001/5001 (720:101g).
GER 4023/5023 (740:123g) and GER 4050/5050 (740:150g) have prerequisite of GER 3001/5001 (740:101g).
SLAV 4141/5141 (770:141g) and SLAV 4142/5142 (770:142g) have prerequisite of SLAV 3102/5102 (770:103g).
SPAN 3020 (780:120) and SPAN 3023 (780:123) have prerequisite of SPAN 3001 (780:101) or SPAN 3050/5050 (780:150g).
PORT 3123/5123 (790:123g) has prerequisite of PORT 3101/5101 (790:101g).
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.
GEOG 4140/5140 (970:116g) has prerequisite of one previous 3000/4000-level course in Social Sciences.
SOC 3001 (980:177)/ANTH 3001 (990:177) and CRIM 4262/5262 (982:162g)/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) and POL INTL 1024 (943:024) will satisfy Category 5B 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

List of Programs by Department

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 3147 (942:147)	Law and the Courts	
Criminology:		
CRIM 2022 (982:022)	Criminal Justice System [^]	
CRIM 4262/5262 (982:162g)	Crime, Law, and Justice: A Global Perspective [^]	
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 teaching or non-teaching 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.
CRIM 4262/5262 (982:162g) has prerequisite of *SOC 1000 (980:001)* or *ANTH 1002 (990:011)*, either of 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 4331/5331 (982:131g) and CRIM 2232 (982:132) 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.

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.

This certificate complements UNI's Center for International Peace and Security Studies (CIPSS), and is meant to foster interdisciplinary study. 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:

Communication:

COMM 4344/5344 (48C:151g)	Intercultural Communication	
------------------------------	-----------------------------	--

International Relations:	
POL INTL 3127 (943:127)	United States Foreign Policy
POL INTL 3129 (943:129)	International Diplomacy and Negotiation
POL INTL 3143 (943:143)	International Law
POL INTL 3145 (943:145)	International Organizations
Comparative Politics:	
POL COMP 3121 (944:121)	Terrorism and Insurgency
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
Geography:	
GEOG 4140/5140 (970:116g)	Geopolitics: (Variable Topic)
Sociology:	
SOC 3090 (980:102)	Conflict Resolution
Total Hours	15

* POL INTL 1024 (943:024) satisfies Category 5B of the Liberal Arts Core.

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 (942:172)	Public Budgeting *
POL AMER 4153/5153 (942:153g)	Public Organizations
POL AMER 4173/5173 (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 (942:172) and POL AMER 4173/5173 (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, including the teaching programs, 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.

List of Programs by Department

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 1002	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 Differences	
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. 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-Organization.

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 were not undergraduate psychology majors). Students from UNI applying for the Fifth Year I/O emphasis do not need to submit GRE scores.

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 three traditional emphases and an individualized study option:

1. clinical science, for those who wish to pursue doctoral-level study in clinical or counseling psychology or to become master's level providers of psychological services operating in clinical settings under appropriate supervision;
2. industrial-organizational emphasis, for students interested in pursuing either doctoral-level studies in industrial-organizational psychology or a career in human resources; and
3. 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.
4. 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.

The Industrial-Organizational emphasis also includes a Fifth Year Option, available to students with a bachelor's degree and I-O certificate from UNI. This program is designed to be finished in one year. Undergraduate seniors may register for up to six credit hours of graduate credit with the approval of the Graduate Coordinator and Department Head. See policies and procedures for Graduate Credit for Undergraduate Students. Graduate credits completed as an undergraduate count towards only the I-O emphasis master's degree at UNI, and completing those credits does not guarantee admission to the program. Actual admission to graduate study and classification as a graduate student commences the term after the student has completed the baccalaureate.

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 and Intellectual Assessment	3
PSYCH 6402 (400:270)	Research and Practice of Psychotherapy	3
PSYCH 6405 (400:262)	Personality Assessment	3
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)	Clinical Practicum	3
Electives in Psychology		

(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	

List of Programs by Department

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		41

Industrial-Organizational Emphasis

Requirements for all students (listed above):		11
Required for emphasis:		
Psychology:		
PSYCH 4604/5604 (400:149g)	Principles of Psychometrics	3
PSYCH 3305/5305 (400:157g)	Industrial Psychology	3
PSYCH 3304/5304 (400:158g)	Organizational Psychology	3
PSYCH 6301 (400:210)	Organizational Consulting and Change Management	2
PSYCH 6302 (400:232)	Training and Instructional Design	3
PSYCH 6303 (400:234)	Recruitment and Selection	3
PSYCH 6304 (400:237)	Performance Appraisal	3
PSYCH 6204 (400:264)	Advanced Social Psychology	3
Practicum in I/O Psychology:		
PSYCH 6305 (400:291)	Practicum in Industrial/ Organizational Psychology	2
Electives in Psychology		
(determined in consultation with the Graduate Coordinator)		
Total Hours		39

Industrial-Organizational 5th Year Emphasis

Requirements for all students (listed above):		11
Required for emphasis:		
Psychology:		
PSYCH 4604/5604 (400:149g)	Principles of Psychometrics	3
PSYCH 6301 (400:210)	Organizational Consulting and Change Management	2
PSYCH 6302 (400:232)	Training and Instructional Design	3
PSYCH 6303 (400:234)	Recruitment and Selection	3
PSYCH 6304 (400:237)	Performance Appraisal	3
PSYCH 6204 (400:264)	Advanced Social Psychology	3
Practicum in I/O Psychology:		
PSYCH 6305 (400:291)	Practicum in Industrial/ Organizational Psychology	2
Total Hours		30

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		
(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	

List of Programs by Department

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 and Intellectual 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 and Intellectual 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

List of Programs by Department

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.

Required

Psychology:		
PSYCH 2301 (400:025)	Applied Psychology *	3
PSYCH 3304/5304 (400:158g)	Organizational Psychology *	3
PSYCH 3305/5305 (400:157g)	Industrial Psychology *	3
Electives: select two of the following:		6
Management:		
MGMT 3919/5919 (150:119g)	Leadership and Human Relations	
MGMT 3965/5965 (150:165g)	Organizational Behavior *	
MGMT 3966/5966 (150:166g)	Staffing and Employee Development *	
Ethics in Business:		
MGMT 3974/ RELS 3540/5540 (640:174g)/PHIL 3540	Ethics in Business	
Psychology:		
PSYCH 2203 (400:160)	Social Psychology *	
PSYCH 3404/5404 (400:106g)	Psychology of Human Differences *	
PSYCH 3502/5502 (400:134g)	Motivation and Emotion *	
Communication Studies:		
COMM 4134/5134 (48C:134g)	Organizational Cultures and Communication *	
COMM 4155/5155 (48C:135g)	Organizational Communication Assessment *	
Total Hours		15

- * These courses have additional prerequisites as follows:
 PSYCH 2301 (400:025), PSYCH 3404/5404 (400:106g), PSYCH 3502/5502 (400:134g), PSYCH 3305/5305 (400:157g), PSYCH 2203 (400:160), and PSYCH 3304/5304 (400:158g) have a prerequisite of *PSYCH 1001 (400:001)*, which may be used to satisfy Category 5B of the Liberal Arts Core.
 MGMT 3965/5965 (150:165g) has prerequisite of MGMT 3153 (150:153).
 MGMT 3966/5966 (150:166g) has a prerequisite of MGMT 3153 (150:153) and MGMT 3155.
 COMM 4134/5134 (48C:134g) has a prerequisite of MGMT 3153 (150:153) or COMM 3055 (48C:132); and COMM COR 2020 (48C:080).
 COMM 4155/5155 (48C:135g) has a prerequisite of COMM COR 2020 (48C:080); COMM 3055 (48C:132).

Choice of courses and subsequent course prerequisites may increase the length of this program.

Science Education

www.science-ed.uni.edu

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.

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 biology, chemistry, earth science, physics, physical sciences, and general science.

List of Programs by Department

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 1040 (860:063) or CHEM 2210 (860:120)	Applied Organic and Biochemistry Organic Chemistry I	
plus one 100-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 100-level ^		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.

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

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 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 123 hours.

This major is intended for students who wish to teach science at the junior high or middle school level. As a stand-alone major, it fulfills 5-12 General Science and Physical Science endorsements.

Required

Educational Psychology:		
EDPSYCH 4151/5151 (200:151g)	Approaches to Classroom Management for Secondary Students	3
EDPSYCH 4152/5152 (200:152g)	Development of the Middle School Aged Child Elementary, Early Childhood, and Middle Level Education:	3
ELEMECML 4152/5152 (210:150g)	Middle Level Curriculum	2
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:		

List of Programs by Department

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
Physics:		
PHYSICS 1511 (880:054)	General Physics I	4
PHYSICS 1512 (880:056)	General Physics II	4
Electives in science: from biology, chemistry and biochemistry, physics and earth science at the 100-level or above or the following courses: ^		6
Total Hours		58

* 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).

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

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

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)	Experiences in Elementary School Science	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. 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. Successful completion of a final written comprehensive examination 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)	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 PHYSICS 6299 (880:299)	Research	
Physics content		8
Electives from education or science education		5
Total Hours		19

Non-Thesis Option

Research:		
SCI ED 6299 (820:299)	Research	3
or PHYSICS 6299 (880:299)	Research	
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 Chair of the Science Education faculty.

Social Science

www.uni.edu/csbs

There is no social science department as such. The programs and the general courses in social science 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

List of Programs by Department

- 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 4190 (900:190)	The Teaching of the Social Studies	3
SOC SCI 4191 (900:191)	Field Experience: Teaching Social Studies	1
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 degree.

American Government

Political Science

POL AMER 1014 (942:014)	Introduction to American Politics	3
Plus 12 (or 15) hours in American Government and 3 hours in Comparative Government or International Relations		12-15

Eligible American Government courses

POL THRY 3129 (941:129)	American Political Thought	
POL AMER 1048 (942:048)	Introduction to Public Administration	
POL AMER 2131 (942:131)	American State Politics	
POL AMER 3112 (942:112)	Campaigns and Elections	
POL AMER 3132 (942:132)	Community Politics	
POL AMER 3134 (942:134)	Legislative Politics	

POL AMER 3141 (942:141)	Constitutional Law	
POL AMER 4142/5142 (942:142g)	Problems in Juvenile and Family Law	
POL AMER 3146 (942:146)	Law and Politics	
POL AMER 3147 (942:147)	Law and the Courts	
POL AMER 3150 (942:150)	Public Opinion and Voting Behavior	
POL AMER 3151 (942:151)	Modern Presidency	
POL AMER 4153/5153 (942:153g)	Public Organizations	
POL AMER 3166 (942:166)	Political Parties and Interest Groups	
POL AMER 3172 (942:172)	Public Budgeting	
POL AMER 3174 (942:174)	Public Personnel Administration	
POL AMER 4173/5173 (942:173g)	The Public Policy Process	
POL INTL 3127 (943:127)	United States Foreign Policy	

Eligible electives in Comparative Government or International Relations

POL INTL 1024 (943:024)	International Relations	
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 3135 (944:135)	Western European Democracies	
POL COMP 3164 (944:164)	Russian and East European Politics	
POL COMP 3165 (944:165)	African Politics	
POL COMP 3167 (944:167)	Latin American Politics	

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 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 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)	Indians in American History	
HISUS 4275/5275 (961:142g)	United States Constitutional History	
HISUS 4280/5280 (961:143g)	United States Labor 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 1210 (970:026)	Physical Geography	3-4
GEOG 4150/5150 (970:141g)	Regional Geography: (Variable Topic)	3
Plus 9 (or 12) hours in geography from the following courses:		9-12
GEOG 1120 (970:010)	Human Geography	
GEOG 1310 (970:061)	Maps and Map Interpretation	
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 3310 (970:164)	Geographic Information Systems I	
GEOG 4110/5110 (970:111g)	Cultural Geography	
GEOG 4120/5120 (970:119g)	Demography and Population Geography	
GEOG 4130/5130 (970:114g)	Political Geography	
GEOG 4140/5140 (970:116g)	Geopolitics: (Variable Topic)	
GEOG 4150/5150 (970:141g)	Regional Geography: (Variable Topic) (for different region than above)	
GEOG 4160/5160 (970:151g)	Historical Geography: (Variable Topic)	
GEOG 4190/5190 (970:117g)	Transportation Planning and Policy	
GEOG 4210/5210 (970:127g)	Climatology	
GEOG 4520/5520 (970:171g)	Issues in the Teaching of Geography	

Psychology

PSYCH 1001 (400:001)	Introduction to Psychology	3
PSYCH 3004/5004 (400:118g)	History and Systems of Psychology	3
Plus 12 (or 15) hours in psychology		12-15

Sociology

SOC 1000 (980:001)	Introduction to Sociology	3
Plus 15 (or 18) hours of sociology from the following courses:		15-18
SOC 1060 (980:060)	Social Problems	
SOC 2010 (980:108)	Research Methods	
SOC 2020 (980:080)	Statistics for Social Research	

List of Programs by Department

SOC 2030 (980:105g)	Sociology of Families
SOC 2040 (980:156g)	Social Movements
SOC 3001 (980:177)	Language and Culture
SOC 3035/5035 (980:125g)	Social Gerontology
SOC 3045/5045 (980:135g)	Social Inequality
SOC 3060/5060 (980:138g)	Sociology of Culture
SOC 3070/5070 (980:170g)	The Development of Social Theories
SOC 3085/5085 (980:172g)	Sociology of Religion
SOC 3102/5102 (980:168g)	Culture, Disease, and Healing
SOC 3411/5411 (980:167g)	Gender in Cross-Cultural Perspective
SOC 4025/5025 (980:160g)	Social Data Analysis
SOC 4071/5071 (980:171g)	Feminist Theories in the Social Sciences

Criminology

CRIM 2127 (982:127)	Juvenile Delinquency
CRIM 4262/5262 (982:162g)	Crime, Law, and Justice: A Global Perspective
CRIM 4323/5323 (982:123g)	Social Deviance and Control
CRIM 4369/5369 (982:169g)	Drugs, Crime, and Society

World History

One course from Category A and one course from Category B:

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	
HISNW 4820/5820 (964:178g)	Modern Middle East History	
Plus 12 (or 15) hours in European, Asian, Latin American and/or African history from the following courses:		12-15

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
HISNW 4740/5740 (964:175g)	Modern African History
HISNW 4710/5710 (964:176g)	Colonial Latin American History
HISNW 4720/5720 (964:180g)	Latin American 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

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 science: 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 4190 (900:190)	The Teaching of the Social Studies	3
SOC SCI 4191 (900:191)	Field Experience: Teaching Social Studies	1
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 degree.

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 THRY 3129 (941:129)	American Political Thought
POL AMER 1048 (942:048)	Introduction to Public Administration
POL AMER 2131 (942:131)	American State Politics
POL AMER 3112 (942:112)	Campaigns and Elections
POL AMER 3132 (942:132)	Community Politics
POL AMER 3134 (942:134)	Legislative Politics
POL AMER 3141 (942:141)	Constitutional Law
POL AMER 3146 (942:146)	Law and Politics
POL AMER 3147 (942:147)	Law and the Courts
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 3172 (942:172)	Public Budgeting
POL AMER 4142/5142 (942:142g)	Problems in Juvenile and Family Law
POL AMER 4153/5153 (942:153g)	Public Organizations
POL AMER 4173/5173 (942:173g)	The Public Policy Process
POL AMER 3174 (942:174)	Public Personnel Administration
POL AMER 4188/5188 (942:188g)	Seminar in Public Administration

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 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

List of Programs by Department

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 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)	Indians in American History	
HISUS 4275/5275 (961:142g)	United States Constitutional History	
HISUS 4280/5280 (961:143g)	United States Labor 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 1120 (970:010) or GEOG 1110 (970:040)	Human Geography World Geography	3
GEOG 1310 (970:061) or GEOG 4150/5150 (970:141g) or GEOG 4520/5520 (970:171g)	Maps and Map Interpretation Regional Geography: (Variable Topic) Issues in the Teaching of Geography	3
Plus 0 (or 9) hours within the Geography Department.		0-9

Psychology

PSYCH 1001 (400:001)	Introduction to Psychology	3
PSYCH 3004/5004 (400:118g)	History and Systems of Psychology	3
Plus 0 (or 9) hours in psychology.		0-9

Sociology

Sociology/Criminology

SOC 1000 (980:001)	Introduction to Sociology	3
Select one of the following:		3
SOC 2030 (980:105g)	Sociology of Families	
SOC 2040 (980:156g)	Social Movements	
SOC 2075 (980:100g)	Social Psychology	
SOC 3045/5045 (980:135g)	Social Inequality	
Plus 0 (or 9) hours of sociology/criminology from the following courses:		0-9
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 3001 (980:177)	Language and Culture	
SOC 3035/5035 (980:125g)	Social Gerontology	
SOC 3045/5045 (980:135g)	Social Inequality	
SOC 3060/5060 (980:138g)	Sociology of Culture	
SOC 3070/5070 (980:170g)	The Development of Social Theories	
SOC 3085/5085 (980:172g)	Sociology of Religion	
SOC 3102/5102 (980:168g)	Culture, Disease, and Healing	
SOC 3411/5411 (980:167g)	Gender in Cross-Cultural Perspective	
SOC 4025/5025 (980:160g)	Social Data Analysis	
SOC 4071/5071 (980:171g)	Feminist Theories in the Social Sciences	
CRIM 2127 (982:127)	Juvenile Delinquency	
CRIM 4262/5262 (982:162g)	Crime, Law, and Justice: A Global Perspective	
CRIM 4323/5323 (982:123g)	Social Deviance and Control	
CRIM 4369/5369 (982:169g)	Drugs, Crime, and Society	

World History

One course from Category A and one course from Category B

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
HISNW 4820/5820 (964:178g)	Modern Middle East History

Plus 3 (or 9) 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
HISNW 4710/5710 (964:176g)	Colonial Latin American History
HISNW 4720/5720 (964:180g)	Latin American History
HISNW 4740/5740 (964:175g)	Modern African 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

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. Graduate information and application for graduate admission can be found at www.grad.uni.edu/admission. Additional information can be obtained from the Graduate Coordinator of Social Science, College of Social and Behavioral Sciences.

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

List of Programs by Department

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 should not exceed 6 hours from any one content area.

Required

Social Science Seminar:		
SOC SCI 6289 (900:289) Seminar		3
Research:		
SOC SCI 6299 (900:299) Research		3
Electives (may not exceed 6 hours from any one content area)		24
Total Hours		30

Department of Social Work

(College of Social and Behavioral Sciences)

www.uni.edu/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
- **Graduate Major (M.S.W.)**
 - Social Work
- **Program Certificates**
 - Social Work Certificate
 - Substance Abuse Counseling Certificate

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 1041 (450:041)	Social Welfare: A World View	
SW 2042 (450:042)	Social Services and Social Work	
SW 2091 (450:091)	Social Work Practice I	
SW 3184 (450:184)	Field Instruction *	
SW 3185 (450:185)	Social Work Research	
SW 3192 (450:192)	Social Work Practice II	
SW 4144/5144 (450:144g)	Social Policies and Issues	
SW 4163/5163 (450:163g)	Minority Group Relations	
SW 4164/5164 (450:164g)	Human Behavior and the Social Environment	
SW 4193/5193 (450:193g)	Therapeutic Communication	
or SW 4195/5195 (450:195g)	Family and Group Practice	
SW 4196/5196 (450:196g)	Community and Organizational Practice	
Select at least two of the following:		6
SW 4121/5121 (450:121g)	Mental Deviance and Mental Health Institutions	
SW 4142/5142 (450:142g)	Working With Racial and Ethnic Minorities	
SW 4143/5143 (450:143g)	Stress and Stress Management in the Helping Professions	
SW 4171/5171 (450:171g)	Addictions Treatment	
SW 4172/5172 (450:172g)	Human Services Administration	
SW 4173/5173 (450:173g)	Social Services for Older Adults	
SW 4175/5175 (450:175g)	Child Welfare Policy and Practice	
SW 4193/5193 (450:193g)	Therapeutic Communication **	
SW 4194/5194 (450:194g)	Seminar in Social Work ***	
SW 4195/5195 (450:195g)	Family and Group Practice **	
Social Work:		
SW 2080 (450:080)	Statistics for Social Work ^	3
or SOC 2020 (980:080)	Statistics for Social Research	
Total Hours		53

- * SW 3184 (450:184) can also be taken for 4 additional credit hours on an elective basis.
- ** SW 4193/5193 (450:193g) and SW 4195/5195 (450:195g) may be taken for elective credit if not taken to fulfill core course requirements.
- *** SW 4194/5194 (450:194g) may be repeated once with a different topic.
- ^ 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 2042 (450:042) ; SW 4164/5164 (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.

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. The Advanced Standing Program has a very limited Extended Enrollment Option.

All M.S.W. students will complete a concentration in either **Advanced Micro Practice** or **Social Administration Practice**. The Micro Practice concentration is designed to prepare students for advanced social work practice with individuals, families, and groups. 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 of programs. The concentration course credit can only be completed at the University of Northern Iowa.

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 **Two Year program** requires a **minimum of 60 semester hours**, which consists of a generalist foundation core of 29 semester hours and completion of one of the two concentrations. The program is

offered in cohort groups and consists of two full consecutive academic years with field practicum concurrent with fall and spring academic course work or with second year field practicum during the summer following completion of all other course work. Students are strongly encouraged to finish within this time frame. **A minimum of 39 hours of 200/6000-level course work is required for this program.**

The **Advanced Standing program** requires a **minimum of 38 semester hours**. The program consists of a summer core of 7 hours, preceding one full academic year of concentration courses with field practicum concurrent with fall and spring academic course work or with field practicum during the summer following completion of all other course work. Students are strongly encouraged to finish within this time frame. **A minimum of 32 hours of 200/6000-level course work is required for this program.** The Extended Enrollment Option is available on a competitive, limited basis for applicants meeting the following:

1. Qualify for advanced standing;
2. Work or have worked in social services;
3. Can attend classes at times offered (three-hour blocks) and field practicum over two semesters (16-20 clock hours per week);
4. Can complete all requirements within a preferred three years but no more than four years.

Students interested in this program must submit a completed Application for Admission to Graduate Study. 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. A personal statement.
4. 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 6210 (450:210)	Foundation Practicum I	3
SW 6211 (450:211)	Foundation Practicum II	5
SW 6212 (450:212)	Human Behavior and the Social Environment Micro	3
SW 6213 (450:213)	Human Behavior and the Social Environment Macro	3
SW 6214 (450:214)	Social Work Practice I	3

List of Programs by Department

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
Concentration: (select one of the following)		31
Total Hours		60

Required for Advanced Standing Program:

Social Work: (summer courses)

SW 6218 (450:218)	Introduction to Social Work Research	3
SW 6239 (450:239)	Advanced Standing Graduate Seminar	4
Concentration: (select one of the following) (electives must include 3 hrs. of 6000-level course work)		31
Total Hours		38

Micro Practice Concentration:

Social Work:

SW 6240 (450:240)	Advanced Micro Practice Practicum I	5
SW 6241 (450:241)	Advanced Micro Practice Practicum II	5
SW 6242 (450:242)	Approaches to Advanced Micro Practice	3
SW 6243 (450:243)	Advanced Social Work Practice with Groups	3
SW 6244 (450:244)	Advanced Social Work Practice with Families	3
SW 6255 (450:255)	Social Welfare Policy Analysis	3
Electives to be selected in consultation with program advisor (must include 3 hours of 6000-level course work for students in Advanced Standing Program)		9
Total Hours		31

Social Administration Concentration:

Social Work

SW 6255 (450:255)	Social Welfare Policy Analysis	3
SW 6260 (450:260)	Advanced Social Administration Practicum I	5
SW 6261 (450:261)	Advanced Social Administration Practicum II	5
SW 6262 (450:262)	Administrative Social Work Practice	3
SW 6263 (450:263)	Grant Writing, Fund Raising, and Contracting	3
SW 6264 (450:264)	Organizational Development and Networking	3
Electives to be selected in consultation with program advisor (must include 3 hours of 6000-level course work for students in Advanced Standing Program)		9
Total Hours		31

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.

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		
Psychology:		
PSYCH 3102/5102 (400:170g)	Drugs and Individual Behavior	9
Social Work:		
SW 4121/5121 (450:121g)	Mental Deviance and Mental Health Institutions	
SW 4142/5142 (450:142g)	Working With Racial and Ethnic Minorities	
SW 4143/5143 (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
- **Minors**
 - Anthropology
 - Criminology
 - Sociology
- **Program Certificates**
 - Certificate in Crime Mapping and Analysis
 - Certificate in Sociology of Inequality
 - Certificate in Sociology of Family and Life Course
 - Certificate in Sociology of Gender and Culture
 - Certificate in Sociology of Race/Ethnicity and Immigration

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		
Sociology and Anthropology:		
SOC 2020 (980:080)	Statistics for Social Research	3
or STAT 1772 (800:072)	Introduction to Statistical Methods	
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 3103 (990:161)	Religion, Magic, and Witchcraft	3
or ANTH 3101/5101 (990:164g)	Psychological Anthropology	
or ANTH 3102/5102 (990:168g)	Culture, Disease, and Healing	
or ANTH 3104/5104 (990:167g)	Gender in Cross-Cultural Perspective	
ANTH 3201 (990:151)	Physical Anthropology: History and Theory	3
or ANTH 3202/5202 (990:152g)	Human Biological Variation	
ANTH 3301 (990:141)	Mesoamerica and the Near East	3
or ANTH 3302 (990:142)	Archaeology of the New World	
or ANTH 3303 (990:143)	Archaeology of the Old World	
ANTH 4001/5001 (990:176g)	Anthropological Theory	3
Electives in anthropology		9
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 2314 (982:113)	Ethics in Crime, Law and Justice	
CRIM 3225	Criminal Court System	
CRIM 3226/5226 (982:126g)	Crime and Punishment	
CRIM 4216/5216 (982:116g)	Correctional Treatment: Theory and Practice	
CRIM 4224/5224 (982:124g)	Police and Society	

List of Programs by Department

CRIM 4228/5228 (982:128g)	Law and Society	
CRIM 4253/5253 (982:153g)	Crime and Public Policy	
CRIM 4381/5381 (982:181g)	Topics in Criminology (as designated)	
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 3144 (942:144)	Civil Rights and Liberties	
POL AMER 3147 (942:147)	Law and the Courts	
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.

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.

Required

Sociology:		
SOC 1000 (980:001)	Introduction to Sociology	3
SOC 2010 (980:108)	Research Methods	3
SOC 3070/5070 (980:170g)	The Development of Social Theories	3
Select one of the following:		3
SOC 2020 (980:080)	Statistics for Social Research	
PSYCH 3003 (400:102)	Psychological Statistics *	
Core electives - take ONE course in THREE of the four core areas below		
1 - Inequality:		
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	
CRIM 3151 (982:151)	Crime and Social Inequality	
2 - Race/Ethnicity and Immigration:		
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 3065/5065 (980:118g)	Health, Illness, and Dying	
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	
3 - Gender and Culture:		
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	

List of Programs by Department

SOC 3411/ ANTH 3104/5104 (990:167g)/ PSYCH 4608/5608 (400:167g)	Gender in Cross-Cultural Perspective
SOC 4050 (980:101)	Sociology of Gender
CRIM 4331/5331 (982:131g)	Women, Crime and Society
4 - Family and the Life Course:	
SOC 2030 (980:105g)	Sociology of Families
SOC 3035/5035 (980:125g)	Social Gerontology
SOC 3065/5065 (980:118g)	Health, Illness, and Dying
SOC 3085/5085 (980:172g)	Sociology of Religion
SOC 4050 (980:101)	Sociology of Gender
ANTH/RELS 3103	Religion, Magic, and Witchcraft
General Electives as follows:	12
Sociology: Select 6-12 hours from the following:	
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 3065/5065 (980:118g)	Health, Illness, and Dying
SOC 3080/5080 (980:120g) or ANTH 3080/5080 (990:120g)	Immigration and Transnationalism Immigration and Transnationalism
SOC 3085/5085 (980:172g)	Sociology of Religion
SOC 3090/SW 3102 (450:102)/ANTH 3470 (990:102)	Conflict Resolution
SOC 3100/5100 (980:184g)	Theory and Practice in Applied Settings
SOC 3102/5102 (980:168g) or ANTH 3102/5102 (990:168g)	Culture, Disease, and Healing Culture, Disease, and Healing
SOC 3120/5120 (980:145g)	Research Experience in Sociology
SOC 3130/5130 (980:189g)	Readings in Sociology

SOC 3170/5170 (980:180g)	Seminar in Sociology
SOC 3411/ PSYCH 4608/5608 (400:167g)/ ANTH 3104/5104 (990:167g)	Gender in Cross-Cultural Perspective
SOC 4025/5025 (980:160g)	Social Data Analysis
SOC 4050 (980:101)	Sociology of Gender
SOC 4071/5071 (980:171g)	Feminist Theories in the Social Sciences
SOC 4198 (980:198)	Independent Study
	Criminology (0-1 course with a CRIM xxxx/982 prefix)
	Anthropology (0-1 course with a ANTH xxxx/990 prefix)
Total Hours	33

* 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.

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 major, except with the approval of your advisor and department head.

A course cannot be used to satisfy more than one core elective category.

A course cannot be used to fulfill both a core elective category and a general elective in this major.

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: select 3 of the following:	9	
Criminology:		
CRIM 2112 (982:112)	White Collar Crime	

List of Programs by Department

CRIM 2127 (982:127)	Juvenile Delinquency
CRIM 2134	Crime Analysis
CRIM 2152 (982:152)	Crime and Community
CRIM 2217 (982:117)	Community Corrections
CRIM 2232 (982:132)	Juvenile Justice
CRIM 2314 (982:113)	Ethics in Crime, Law and Justice
CRIM 3110/5110 (982:110g)	State Crime
CRIM 3151 (982:151)	Crime and Social Inequality
CRIM 3225	Criminal Court System
CRIM 3226/5226 (982:126g)	Crime and Punishment
CRIM 3319/5319 (982:119g)	Victimology
CRIM 4122/5122 (982:122g)	Youth Gangs
CRIM 4137/5137 (982:137g)	Homicide
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 4262/5262 (982:162g)	Crime, Law, and Justice: A Global Perspective
or ANTH 3441/5441 (990:162g)	Crime, Law, and Justice: A Global Perspective
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
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 (980 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 Crime Mapping and Analysis

This interdisciplinary certificate provides students with both theoretical and applied training in spatial mapping and the analysis of crime data.

Required

Criminology:	
CRIM 2025 (982:025)	Criminology 3
CRIM 2152 (982:152)	Crime and Community 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 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 3065/5065 (980:118g)	Health, Illness, and Dying	
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 prerequisite of CRIM 2025 (982:025).

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 3065/5065 (980:118g)	Health, Illness, and Dying	
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.

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 I: Mild/Moderate K-8 Emphasis
 - 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
 - Teacher of Students With Visual Impairments
- **Graduate Major (Ed.D.)**
 - Doctor of Education: Special Education intensive study area

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

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 in both the major and the special education minor endorsement area.

Instructional Strategist I: Mild/Moderate K-8 Emphasis

Required		
Special Education core:		
SPED 4170/5170 (220:170g)	Educational Management in Special Education	3
SPED 4174/5174 (220:174g)	Assessment and Instruction for Students with Mild 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)	Methodology and Assessment for Students with Mild/Moderate Disabilities (K-8)	
SPED 4176/5176	Issues and Applications for Students with Mild Moderate Disabilities	
Total Hours		24

Instructional Strategist I: Mild/Moderate 5-12 Emphasis

Required		
Special Education core:		
SPED 4170/5170 (220:170g)	Educational Management in Special Education	3
SPED 4174/5174 (220:174g)	Assessment and Instruction for Students with Mild 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)	Methodology and Assessment for Students with Mild/Moderate Disabilities (5-12)	
SPED 4151/5151 (220:151g)	Vocational and Transition Programming for Individuals with Disabilities	
SPED 4176/5176	Issues and Applications for Students with Mild Moderate Disabilities	
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 the requirements for an Early Childhood, Elementary or Secondary Education major and complete student teaching in both the major and the special education minor endorsement area.

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)	Teaching Secondary-Level Students with Severe Disabilities	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 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 contact the Department of Special Education for other admission 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 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
or SOCFOUND 6234 (260:234)	Philosophy of Education	

Measurement and Research:		
MEASRES 6205 (250:205)	Educational Research	3

Required special education

Special Education:		
SPED 6289 (220:289)	Seminar	3
Emphasis in special education (choose one from below)		21
Total Hours		30

Field Specialization Emphasis

Required

Special Education:		
SPED 6256 (220:256)	Best Practices in Inclusion	3

List of Programs by Department

or SPED 6260 (220:260)	Special Education Law and Policy	
SPED 6293 (220:293)	Qualitative Research in Special Education	3
SPED 6295 (220:295)	Single-subject Research Applications	3
Approved electives *		12
Total Hours		21

* 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
or ELEMECML 6270 (210:270)	Recent Developments in Middle Level Curriculum	
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	5-6
Approved electives *		6-7
Total hours		21

* 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 6290 (220:290)	Practicum	3
SPED 6293 (220:293)	Qualitative Research in Special Education	3
SPED 6295 (220:295)	Single-subject Research Applications	3
Approved electives *		9
Total Hours		21

* 6 hrs of SPED 6299 Research required on thesis option.

Teacher of Students With Visual Impairments

This major will lead to an M.A.E. degree for teaching students with visual impairments from birth to 21. Students must complete the requirements for Early Childhood, Elementary, or Secondary Education major at the B.A. level to be enrolled in this major.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should contact the Department of Special Education for other admission 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 44 hours** is required for the **thesis** option; a **minimum of 41 hours** is required for the **non-thesis** option. A **minimum of 15 hours of 200/6000-level course work is required on the thesis option. A minimum of 12 hours of 200/6000-level course work is required on the non-thesis option.**

Successful completion of a thesis and a comprehensive examination are required for the **thesis** option. Successful completion of a research paper and a comprehensive examination are required for the **non-thesis** option.

Note that students should take an additional nine hours of student teaching to qualify for the Teacher of Students With Visual Impairments State Endorsement.

Required professional core

Educational Psychology:		
EDPSYCH 6214 (200:214)	Foundations of Instructional Psychology	3
or SOCFOUND 6234 (260:234)	Philosophy of Education	
Measurement and Research:		
MEASRES 6205 (250:205)	Educational Research	3

Required special education core

Special Education:		
SPED 6293 (220:293)	Qualitative Research in Special Education	3
SPED 6295 (220:295)	Single-subject Research Applications	3

TVI emphasis requirement

Special Education:		
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 for a total of 6 hrs)	6

Research		3-6
SPED 6299 (220:299)	Research	
Thesis (6 hrs.)		

Non-thesis (3 hrs.)	
Total hours thesis option	44
Total hours non-thesis option	41

Doctor of Education Degree Program

This program is intended to provide practicing educators 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**, including a **minimum of 45 hours of course work at the 200/6000-level or 300/7000-level**. Some intensive study areas may require more hours of 200/6000-level or 300/7000-level course work.

There are three components to the program: 15 semester hours in a *Professional Common Core* of work in educational foundations, fundamentals, and research; 38 semester hours of *Advanced Professional Study* in one of four areas of intensive study and a related area; and a *Dissertation* of 7 semester hours.

By design, then, *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 four areas of intensive study provide for a specialized focus on practice. The four intensive study areas are: *Allied Health, Recreation, and Community Services; Curriculum and Instruction; Educational Leadership; and Special Education*. (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.) **For brief definitions of the four areas refer to respective departments.**

The **Special Education** area of intensive study is designed to provide students with a variety of leadership positions in public schools, higher education and human services agencies serving infants, children, youth and adults with disabilities. This program will center on preparing leaders who will be able to promote new meanings about diversity, develop inclusive school cultures and instructional programs, and forge productive relationships between schools and their communities. (For more information, contact the Head, Department of Special Education.)

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

Students interested in this program must submit a completed Application for Admission to Graduate Study. 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 Education degree refer to appropriate sections of this University Catalog.

I. Professional Common Core (15 hours)

Education Foundations

Interdepartmental, Education:

INTDEPED 7301 (190:301)	Context of Contemporary Education	3
----------------------------	-----------------------------------	---

Research

Interdepartmental, Education:

INTDEPED 7303 (190:303)	Inquiry	3
INTDEPED 7305 (190:305)	Qualitative Methods in Educational Research	3
INTDEPED 7307 (190:307)	Quantitative Methods in Educational Research	3

Measurement and Research: select one of the following:		3
--	--	---

MEASRES 6270 (250:270)	Educational Program Evaluation
---------------------------	--------------------------------

MEASRES 7300 (250:300)	Descriptive Educational Research
---------------------------	----------------------------------

MEASRES 7301 (250:301)	Advanced Experimental Research in Education
---------------------------	---

MEASRES 7310 (250:310)	Advanced Qualitative Methods in Educational Research
---------------------------	--

II. Advanced Professional Studies 38

This is the component of the program that relates to and supports the student’s professional career goal. Specific course requirements for individual students will depend on faculty requirements and student background, interests, and goals. Must include a minimum of 23 hours at the 200/6000-level or 300/7000-level and must include a minimum of 6 hours outside Special Education.

III. Dissertation (7 hours)

This is the program component in which the student demonstrates proficiency in the integration of theory and practice (i.e., it involves the application of existing knowledge and/or results of individual research to an educational problem or situation).

Required

Doctoral Seminar:

INTDEPED 7389 (190:389)	Doctoral Seminar	1
----------------------------	------------------	---

Dissertation Research:

INTDEPED 7399 (190:399)	Dissertation Research	6
----------------------------	-----------------------	---

Total Hours		60
-------------	--	----

Teaching

(College of Education)

www.uni.edu/coe/departments/department-teaching

The Department of Teaching is responsible for the administration of multi-faceted programs of the Office of Student Field Experiences (OSFE).

Student Field Experiences

www.uni.edu/stdteach

The Office of Student Field Experiences 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

List of Programs by Department

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

Undergraduate Majors (B.A.)

Graphic Technologies
Technology Education - Teaching
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.T.)

Doctor of Technology

Program Certificates

Advanced Technology Certificate
Technology Management Certificate

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. EET program is Iowa's first and only ABET-TAC accredited program.

Required Mathematics and Science core: 22

Mathematics:

MATH 1140 Precalculus
(800:046)

MATH 1150 Calculus for Technology
(800:048)

or MATH 1420 Calculus I
(800:060)

STAT 1774 Introductory Statistics for Life
(800:064) Sciences

or STAT 1772 Introduction to Statistical Methods
(800:072)

Computer Science:

CS 1160 (810:036) C/C++ Programming

Physics:

PHYSICS 1511 General Physics I
(880:054)

PHYSICS 1512 General Physics II
(880:056)

Required Technical Core:

Technology: 52

TECH 1037 Introduction to Circuits
(330:037)

TECH 1039 Circuits and Systems
(330:039)

TECH 2038 Introduction to Electrical
(330:038) Power and Machinery

TECH 2041 Introduction to Analog
(330:041) Electronics

TECH 2042 Introduction to Digital
(330:042) Electronics

TECH 3129/5129 Linear Control Systems
(330:129g)

TECH 3152 Advanced Analog Electronics
(330:152)

TECH 3156 Advanced Digital Electronics
(330:156)

TECH 3157/5157 Microcomputer Applications
(330:157g)

List of Programs by Department

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 3186 (620:186) "Studies in Technical Writing"		
Total Hours		77

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 and the following specified major requirements, plus electives to complete the minimum of 126 hours.

Required Mathematics and Science Core:		
Mathematics:		4
MATH 1150 (800:048)	Calculus for Technology	
or MATH 1420 (800:060)	Calculus I	
Chemistry and Biochemistry		4
CHEM 1020 (860:020)	Chemical Technology	
or CHEM 1110 (860:044)	General Chemistry I	
Physics:		4
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:		36
TECH 1008 (330:008)	Manufacturing Processes I	
TECH 1010 (330:010)	Manufacturing Processes II	
TECH 1024 (330:024)	Technical Drawing and Design I	
TECH 2024 (330:023)	Technical Drawing and Design II	
TECH 2043 (330:043)	Managing Manufacturing Systems	

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 3196 (330:196)	Industrial Safety	
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:		18
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 3180 (330:180)	Lean Manufacturing	
TECH 4162	Automation - Pneumatics and Hydraulics	
3 hours electives (see below)		

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	
TECH 4155/5155 (330:155g)	Finite Element Analysis	
3 hours electives (see below)		

Metal Casting:

TECH 3127 (330:127)	Transport Phenomena for Technologists	
TECH 3132 (330:132)	Applied Metallurgy	
TECH 3134 (330:134)	Molding Practices in Metal Casting	
TECH 4136 (330:136)	Melting Practices in Metal Casting	
TECH 4137 (330:137)	Tooling Practices in Metal Casting	
3 hours electives (see below)		

Select elective hours from the following:

Technology:

TECH 1017 (330:017)	Computer-Aided Design and Drafting
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 3180 (330:180)	Lean Manufacturing
TECH 3183 (330:183)	Fundamentals of Manufacturing Engineering
TECH 3188/5188 (330:188g)	Nanotechnology Fabrication
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
MGMT 3919/5919 (150:119g)	Leadership and Human Relations

Communication:

COMM 3155 (48C:173)	Business and Professional Oral Communication
COMM 4355/5355 (48C:141g)	Listening

Philosophy:

PHIL 3500 (650:142)	Ethics
------------------------	--------

Sociology:

SOC 3090 (980:102) Conflict Resolution

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

Required:

Business and Management:		
TECH 4193	Graphic Communication Estimating and Management II	3
TECH 4194/5194 (330:194g)	Graphic Communications Estimating and Management I	3
Technology:		41
TECH 1022 (330:022)	Communication Technology	
TECH 1055 (330:055)	Graphic Communications Foundations	
TECH 1065 (330:065)	Technology in Society and Organizations	
TECH 2070 (330:070)	Digital Prepress	
TECH 3115 (330:115)	Fundamentals of Electrical and Electronic Technology	
TECH 3144 (330:144)	Web Publishing	
TECH 3169 (330:169)	Digital Imaging I	
TECH 3196 (330:196)	Industrial Safety	
TECH 4158/5158 (330:158g)	Graphic Communications Technical Visualization	
TECH 4161/5161 (330:161g)	Digital Graphic Communications	
TECH 3179 (330:179) "Cooperative Education"		
TECH 4188/5188	Digital Imaging II	
Chemistry and Biochemistry (select one of the following):		3-4
CHEM 1010 (860:010)	Principles of Chemistry	
CHEM 1020 (860:020)	Chemical Technology	
CHEM 1110 (860:044)	General Chemistry I	
Computer Science: (one of the following)		3
CS 1000 (810:021)	Computing Skills and Concepts	
CS 1050 (810:020)	Computing for All	
Mathematics: (one of the following)		3
MATH 1100 (800:023)	Mathematics in Decision Making	
STAT 1772 (800:072)	Introduction to Statistical Methods	
Electives:		
Technology/Art (select two of the following technical electives):		6
TECH 1011	Introduction to Graphic Programs	
TECH 3150/5150 (330:150g)	Graphic Communications Imaging	
TECH 3163/5163 (330:163g)	Advanced Digital Prepress	
ART 2030 (600:025)	Graphic Design I	
ART 3030 (600:125)	Graphic Design II	

List of Programs by Department

ART 3034 (600:127)	Graphic Design: Publication Design	
Total hours		62

* MGMT 3153 (150:153) Organizational Management must be taken to select this course.

** MGMT 3153 (150:153) Organizational Management or TECH 2043 (330:043) Managing Manufacturing Systems must be taken to select this course.

Technology Education Major-Teaching

The Technology 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.

Required:		
Science core:		
Chemistry and Biochemistry:		4
CHEM 1020 (860:020)	Chemical Technology	
Technology core:		
Technology:		0-3
TECH 1017 (330:017)	Computer-Aided Design and Drafting (or equivalent*)	
Technology:		22
TECH 1008 (330:008)	Manufacturing Processes I	
TECH 1010 (330:010)	Manufacturing Processes II	
TECH 1018 (330:018)	Construction Resources	
TECH 1022 (330:022)	Communication Technology	
TECH 1024 (330:024)	Technical Drawing and Design I	
TECH 2036 (330:036)	Power Technology	
TECH 3114 (330:114)	Product Development and Enterprise	
or TECH 3121/5121 (330:121g)	Applied Technology Systems	
Education and Training core:		
Technology:		15
TECH 1019 (330:019)	Introduction to Technology Education and Training	
TECH 3120 (330:120)	Technology Education Curriculum Planning	
TECH 3190/5190 (330:190g)	Technology Education Teaching Methods	
TECH 4178/5178 (330:178g)	Contemporary Instruction in Technology Education	
TECH 4195/5195 (330:195g)	Technology Education Program Management	
Electives in Technology: (choose from construction and energy and power)		9
Total Hours		50-53

* Equivalency requires approval by department.

Note: Students in Technology Education Major-Teaching 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 .

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.

Required:		
Technology:		0-3
TECH 1017 (330:017)	Computer-Aided Design and Drafting (or equivalent*)	
Technology:		37
TECH 1008 (330:008)	Manufacturing Processes I	
TECH 1018 (330:018)	Construction Resources	
TECH 1022 (330:022)	Communication Technology	
TECH 1024 (330:024)	Technical Drawing and Design I	
TECH 1065 (330:065)	Technology in Society and Organizations	
TECH 2036 (330:036)	Power Technology	
TECH 3114 (330:114)	Product Development and Enterprise	
TECH 3119 (330:119)	Computer Applications in Technology	
TECH 3142 (330:142)	Statistical Quality Control	
TECH 3196 (330:196)	Industrial Safety	
TECH 4187/5187 (330:187g)	Applied Industrial Supervision and Management	
Select one of the following:		
MGMT 3153 (150:153)	Organizational Management	
TECH 2043 (330:043)	Managing Manufacturing Systems	
TECH 3131/5131 (330:131g)	Technical Project Management	
Mathematics:		3
STAT 1772 (800:072)	Introduction to Statistical Methods	
Chemistry and Biochemistry:		4
Select one of the following:		
CHEM 1010 (860:010)	Principles of Chemistry	
CHEM 1020 (860:020)	Chemical Technology	
CHEM 1110 (860:044)	General Chemistry I	
Physics:		3-4
Select one of the following:		

PHYSICS 1000 (880:012)	Physics in Everyday Life	
PHYSICS 1400 (880:011)	Conceptual Physics	
PHYSICS 1511 (880:054)	General Physics I	
Electives in Technology:		18
Total Hours		65-69

* Equivalency requires approval by department.

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) or MATH 1420 (800:060)	Calculus for Technology Calculus I	
Computer Science:		3
CS 1130 (810:030) or CS 1160 (810:036)	Visual BASIC Programming C/C++ Programming	
Physics:		4
PHYSICS 1511 (880:054) or PHYSICS 1701 (880:130)	General Physics I Physics I for Science and Engineering	
Total Hours		29

Graphic Technologies Minor

Required:		
Technology:		17
TECH 1022 (330:022)	Communication Technology	
TECH 1055 (330:055)	Graphic Communications Foundations	
TECH 2070 (330:070)	Digital Prepress	
TECH 3196 (330:196)	Industrial Safety	
TECH 4161/5161 (330:161g)	Digital Graphic Communications	
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 Prepress	
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		23

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	

List of Programs by Department

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:		28
TECH 1008 (330:008)	Manufacturing Processes I	
TECH 1010 (330:010)	Manufacturing Processes II	
TECH 1018 (330:018)	Construction Resources	
TECH 1019 (330:019)	Introduction to Technology Education and Training	
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 Education Teaching Methods	
TECH 4195/5195 (330:195g)	Technology Education Program Management	
Electives in Technology: (choose from construction or energy and power)		3
Total Hours		31-34

* Equivalency requires approval by department.

Technology Management Minor

Required:		
Technology:		15
TECH 3119 (330:119)	Computer Applications in Technology	
TECH 3142 (330:142)	Statistical Quality Control	
TECH 3196 (330:196)	Industrial Safety	
TECH 4187/5187 (330:187g)	Applied Industrial Supervision and Management	
Select one of the following:		

MGMT 3153 (150:153)	Organizational Management	
TECH 2043 (330:043)	Managing Manufacturing Systems	
TECH 3131/5131 (330:131g)	Technical Project Management	
Mathematics:		3
STAT 1772 (800:072)	Introduction to Statistical Methods	
Electives in Technology:		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 contact the Department of Technology for other admission 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 covering emphasis areas of engineering management, graphics technologies, and technology education, promotes greater depth of understanding of the applied engineering technology and technology education fields and 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 fields. Degree admission to the Master of Science in Technology requires an applicant to have:

1. Earned a minimum of 8 semester hours of college mathematics and 8 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)/213 (computer-based, or 79 iBT) for applicants for whom English is not their first language;
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.

The Master of Science Technology degree program requires a **thesis** with a **minimum of 34 semester hours**. A **minimum of 15 hours of 200/6000-level course work is required for this degree program**. Students must defend and present their research thesis to their committee members and the public.

Required core:

Technology:		
TECH 6100	Engineering Cost Analysis	3
TECH 6258 (330:258)	Total Quality Management	3
TECH 6282 (330:282)	Technology Seminar	1

TECH 6288 (330:288)	Field Study in Industrial Technology: Masters Internship	3
TECH 6292 (330:292)	Research Methods in Technology	3
Statistics/Mathematics:		
PSYCH 6001 (400:239)	Advanced Statistics	3
or STAT 3771/5771 (800:121g)	Applied Statistical Methods for Research	
M.S. Thesis:		6
Technology:		
TECH 6292 (330:292)	Research Methods in Technology	
TECH 6299 (330:299)	Research (Master's Thesis)	
Emphasis (choose from one of following emphases):		9
Electives:		3
Total Hours		34

A. Engineering Management Emphasis

Technology: 9 hours chosen from the following:		9
TECH 4000/5000	Wind Energy Engineering	
TECH 6225 (330:225)	Integrated Logistics and Production Operations	
TECH 6234 (330:234)	Advanced Engineering Materials	
TECH 6235 (330:235)	Material Transformations and Modeling	
TECH 6242 (330:242)	Complex Digital System Design	
TECH 6244 (330:244)	Applied Embedded Systems	
TECH 6250 (330:250)	Technology of Productivity Improvement	
TECH 6273 (330:273)	Machining Process Planning	
TECH 6275 (330:275)	Advanced Lean Manufacturing	
TECH 6295 (330:295)	Advanced Management and Supervision Technology	

B. Graphic Technologies Emphasis

All of the following:		9
Technology:		
TECH 4161/5161 (330:161g)	Digital Graphic Communications	
TECH 4194/5194 (330:194g)	Graphic Communications Estimating and Management I	
TECH 6294 (330:294)	Technological Evolution and Innovation	

C. Technology Education Emphasis

All of the following:		9
Technology:		
TECH 3190/5190 (330:190g)	Technology Education Teaching Methods	
TECH 3191/5191 (330:191g)	Implementing Career and Technical Programs	

TECH 6294 (330:294) Technological Evolution and Innovation

Plus 1 hr. to be approved by department.

Doctor of Technology Degree Program

The University of Northern Iowa offers the Doctor of Technology degree to meet the increasing need for advanced degree work in this field. Applied technology is a relatively new and rapidly expanding knowledge base for a wide variety of professional fields: these include technology, applied engineering, trade and industrial education, technical institute education, industrial training, and technology transfer. This applied research-oriented terminal degree program also includes the study of the technological systems used in industry and their effect on society and culture.

The Doctor of Technology degree is designed to develop scholars in the fields of education and industry. Programs emphasize the development of a thorough knowledge of

- (a) Technology as an intellectual discipline,
- (b) the technological systems used in industry and their effect on people and the environment, and
- (c) the potential and limitations of future developments in technological systems and their utilization in industry.

Program emphasis is on providing the intellectual tools necessary to pursue scholarly research and applied practices in the field of applied engineering and technology. Efforts will be made to develop in each student the interest and desire required for a leadership role in improving educational and technology programs and determining directions for future programs. The terminal 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**.

The Doctor of Technology degree program is intended to prepare graduates for one or more of the following professional careers:

- 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.
- Researchers and project coordinators, technology transfer specialists, technology forecasters and assessors of technology for industrial policy planning and decision making.
- Academic leaders (e.g., deans, department heads, or directors) of technology-oriented programs at postsecondary institutions.
- Researchers and research coordinators for education and industry in specific content fields of technology.
- Designers, coordinators and directors of applied/engineering and/or industrial training or human resource programs, and related industrial applications.

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 contact the Department of Technology for other admission 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

List of Programs by Department

graduation for the Doctor of Technology refer to www.uni.edu/tech/ DIT and other sections 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 50th percentile in analytical writing, and the 50th percentile in quantitative sections.

Required core:

Technology: 21

TECH 6282 Technology Seminar (3 hrs.)
(330:282)

TECH 6292 Research Methods in
(330:292) Technology

TECH 6295 Advanced Management and
(330:295) Supervision Technology

TECH 7375 Developments in Technology
(330:375)

TECH 7377 Readings in Technology and
(330:377) Society

TECH 7378 Technology, Ethics and
(330:378) Leadership

Mathematics/Statistics:

PSYCH 6001 Advanced Statistics
(400:239)

or STAT 6772 Advanced Statistical Methods
(800:272)

Supporting course work: 21

Supporting course work may be taken from any discipline at the university as long as it relates to the career goals and competencies that are approved by the student's D.T. advisory committee. A minimum of 9 hours of supporting course work, beyond the required core program must be taken outside the Department of Technology.

The following courses are recommended for the D.T. students who are planning to teach in secondary and/or higher educational institutions:

Instructional Technology/Postsecondary Education:

INSTTECH 6210 Distance Education
(240:210)

INSTTECH 6235 Performance Management and
(240:235) Technology

INSTTECH 6237 Coordinating Technology in
(240:237) an Educational Setting

INSTTECH 7340 Designing Instructional
(240:340) Systems

POSTSEC 6231 Assessment in Postsecondary
(170:231) Education

POSTSEC 6250 Teaching in College
(170:250)

D.T. Internship: 6

Technology:

TECH 7388 Doctoral Internship
(330:388)

D.T. Dissertation: 12

Technology:

TECH 7399 Research (Doctoral
(330:399) 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 foundation requirement 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 certificate, contact the Graduate Coordinator of the Department of Technology.

Industrial Management:

Required:

Management: 3

MGMT 6260 Strategic Management of
(150:262) Human Resources

Technology: 6

TECH 6258 Total Quality Management
(330:258)

TECH 6295 Advanced Management and
(330:295) Supervision Technology

Management/Technology/Psychology (select two of the following): 6

MGMT 6249 Management Information
(150:249) Systems Concepts

TECH 6225 Integrated Logistics and
(330:225) Production Operations

TECH 6250 Technology of Productivity
(330:250) Improvement

TECH 6294 Technological Evolution and
(330:294) Innovation

PSYCH 3305/5305 Industrial Psychology
(400:157g)

PSYCH 3304/5304 Organizational Psychology
(400:158g)

Total Hours 15

Construction Management:

Required:

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 Prepress	
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 6231 (330:231)	Thermodynamics of Material Processing	
TECH 6234 (330:234)	Advanced Engineering Materials	
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 Education Program Management	

List of Programs by Department

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)	Applied 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 2020 (330:020)	Communication Systems	
TECH 2043 (330:043)	Managing Manufacturing Systems	
TECH 3142 (330:142)	Statistical Quality Control	
TECH 3196 (330:196)	Industrial Safety	
TECH 4187/5187 (330:187g)	Applied Industrial Supervision and Management	
Total Hours		18

* TECH 3142 (330:142) has 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. Students

may declare a Theatre Arts major or any of the emphases. 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 Creativity and Performance (with lab), Stagecraft: Scenery/Lights or Stagecraft: Costumes, and Introduction to Reading Playscripts. Major course work will be limited to courses as recommended by her/his freshman advisor and program policy
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) Creativity and Performance and THEATRE 1011 (490:011) Creativity and Performance 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 Major - Teaching

The Communication-Theatre-Teaching major requires a minimum of 122 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 hours.

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

Required

Communication:		
COMM 1000 (48C:001)	Oral Communication	3
COMM 1205 (48C:031)	Group Communication Skills *	3
COMM 2255 (48C:071)	Public Speaking *	3
COMM 2256 (48C:011)	Oral Interpretation: Texts in Performance *	3
COMM 2257 (48C:074)	Argumentation and Debate *	3
COMM 2344 (48C:004)	Interpersonal Communication *	3
COMM 2455 (48C:015)	Group Performance: Scripting and Directing	3
COMM 2533 (48C:024)	Media Literacy	3
COMM 4355/5355 (48C:141g)	Listening	3

COMM 4559/5559 (48C:187g)	Teaching of Speech	3
Theatre:		
THEATRE 1012 (490:015)	Stagecraft: Scenery/Lights **	3
THEATRE 1030 (490:024)	Acting **	3
THEATRE 3020 (490:138)	Playscript Analysis and Interpretation	3
THEATRE 3115 (490:109)	Methods of Teaching Drama and Theatre	3
THEATRE 3160 (490:161)	Directing	3
Applied Activity Option:		1
Select one of the following:		
COMM 1940/3940	Applied Forensics	
COMM 1941/3941	Applied Performance Studies	
THEATRE 2050 (490:050)	Theatre Practicum	
Electives		
Select one of the following: 3		
Communication:		
COMM 4217/5217 (48C:176g)	Freedom of Speech	
COMM 4218 (48C:178)	Persuasion	
COMM 4322/5322 (48C:144g)	Advanced Interpersonal Communication	
COMM 4411/5411 (48C:122g)	Language and Communication	
COMM 4447/5447 (48C:108g)	Performance and Social Change	
or COMM 4448/5448 (48C:110g)	Cultural Performance	
COMM COR 4124 (48C:124)	Communication Theories	
Theatre:		
THEATRE 2040 (490:040)	Design Elements for Theatre	
THEATRE 3060 (490:135)	History of the Theatre I	
THEATRE 3070 (490:136)	History of the Theatre II	
other courses are available (consult with your advisor)		
Total Hours		49

* LAC Category 1B may be satisfied by two courses distributed as follows: COMM 2256 (48C:011) or COMM 2255 (48C:071) or COMM 2257 (48C:074); AND COMM 2344 (48C:004) or COMM 1205 (48C:031).

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

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 four Theatre major options as defined below, and university electives to total 120 hours.

Theatre Major options:

Theatre Arts Major (Theatre core plus 12 hours Theatre Arts requirements)

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)	Creativity and Performance	3
THEATRE 1011 (490:011)	Creativity and Performance 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 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		31

Requirements for the four options are as follows:

Theatre Arts

Required

Theatre core	31
Theatre: select one course from each of the four groups below	12

Performance:		
THEATRE 2030 (490:027)	Auditioning and the Business of Acting	
THEATRE 2110	Body, Voice, Awareness	
THEATRE 3125/5125 (490:127g)	Acting Studio	
Design and Production:		
THEATRE 2040 (490:040)	Design Elements for Theatre	
THEATRE 3139 (490:140)	Production Techniques	
THEATRE 3180/5180 (490:155g)	Theatre Management	

List of Programs by Department

THEATRE 3190/5190 (490:157g)	Stage Management	
Theatre for Youth:		
THEATRE 3000 (490:101)	Creative Drama	
THEATRE 3100 (490:106)	Theatre in Education	
THEATRE 3110/5110 (490:104g)	Theatre for Youth	
Literature:		
THEATRE 3080/5080 (490:137g)	History of the Theatre III	
THEATRE 3195/5195 (490:168g)	Playwriting	
ENGLISH 4315/5315 (620:113g)	Early Modern Drama *	
ENGLISH 4375/5375 (620:148g)	Shakespeare *	
ENGLISH 4615/5615 (620:115g)	Modern Drama *	
Total Hours		43

* ENGLISH 4315/5315 (620:113g), ENGLISH 4375/5375 (620:148g), and ENGLISH 4615/5615 (620:115g) have prerequisite of ENGLISH 2120 (620:034) or consent of instructor. ENGLISH 2120 (620:034) may be used to satisfy Category 1A of the Liberal Arts Core.

Substitutions only by department consent.

Performance Emphasis

Required		
Theatre core		31
Theatre:		
THEATRE 2110	Body, Voice, Awareness	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
Emphasis core (6 hours selected from emphasis core below)		6
Total Hours		55

Design and Production Emphasis

Required		
Theatre core		31
Theatre:		
THEATRE 2040 (490:040)	Design Elements for Theatre	3
THEATRE 3050/5050 (490:151g)	Theatre Production	1

THEATRE 3139 (490:140)	Production Techniques	3
THEATRE 3140 (490:141)	Design: Sets (two required)	6
THEATRE 3145 (490:142)	Design: Lights	3
THEATRE 3150 (490:143)	Design: Costumes	3
Emphasis core (6 hours selected from emphasis core below)		6
Total Hours		56

Drama and Theatre for Youth Emphasis

Required		
Theatre core		31
Theatre:		
THEATRE 3000 (490:101)	Creative Drama	3
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		
Electives outside Theatre Department (chosen in consultation with advisor)		
Emphasis core (6 hours selected from emphasis core below)		
Total Hours		55

Emphasis core:

Select 6 hours from the following emphasis core:

THEATRE 2055 (490:056)	Devised Theatre	3
THEATRE 3080/5080 (490:137g)	History of the Theatre III	3
THEATRE 3200/5200 (490:158g)	Internship	1-8
THEATRE 3170 (490:170)	Senior Project	3
THEATRE 3195/5195 (490:168g)	Playwriting	3
THEATRE 3199 (490:199)	Study Tour	1-6
PHIL 3120 (650:143)	Philosophy of Art	3

Minors

See admission requirements for Theatre minors.

Communication - Theatre Minor - Teaching

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

Required		
Communication:		
COMM 1000 (48C:001)	Oral Communication	3
COMM 2256 (48C:011)	Oral Interpretation: Texts in Performance *	3

COMM 2257 (48C:074)	Argumentation and Debate *	3
COMM 2344 (48C:004)	Interpersonal Communication *	3
COMM 2533 (48C:024)	Media Literacy	3
COMM 4559/5559 (48C:187g)	Teaching of Speech	3
Option A or B (below)		10-12
Option A: Communication		
Select one of the following:		
COMM 1940/3940	Applied Forensics	
COMM 1941/3941	Applied Performance Studies	
COMM 2255 (48C:071)	Public Speaking *	
COMM 2455 (48C:015)	Group Performance: Scripting and Directing	
Theatre:		
Select one of the following:		
THEATRE 3000 (490:101)	Creative Drama	
THEATRE 3100/CAP 3106 (CAP:106)	Theatre in Education	
Option B: Theatre		
THEATRE 1012 (490:015)	Stagecraft: Scenery/Lights **	
THEATRE 1030 (490:024)	Acting **	
THEATRE 3020 (490:138)	Playscript Analysis and Interpretation	
THEATRE 3160 (490:161)	Directing	
Total Hours		28-30

A minimum of 9 credit hours in theatre as approved by the department	9
Total Hours	24

* LAC Category 1B may be satisfied by two courses distributed as follows: COMM 2256 (48C:011) or COMM 2255 (48C:071) or COMM 2257 (48C:074); AND COMM 2344 (48C:004) or COMM 1205 (48C:031).

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

Theatre Minor

Required

Theatre core:		
THEATRE 1010 (490:010)	Creativity and Performance	3
THEATRE 1011 (490:011)	Creativity and Performance Lab	1
THEATRE 1012 (490:015)	Stagecraft: Scenery/Lights	3
or THEATRE 1015 (490:016)	Stagecraft: Costumes	
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

Index

A

Applied Human Sciences, School of 12

Art, Department of 20

B

Bachelor of Arts Degree and Minor Programs 111

C

College of Business Administration 129

College of Humanities, Arts and Sciences 132

College of Humanities, Arts and Sciences and College of Social and Behavioral Sciences 131

College of Social and Behavioral Sciences 133

D

Department of Accounting 9

Department of Art 20

Department of Biology 26

Department of Chemistry and Biochemistry 34

Department of Communication Sciences and Disorders 38

Department of Communication Studies 40

Department of Computer Science 59

Department of Curriculum and Instruction 62

Department of Earth Science 73

Department of Economics 74

Department of Educational Leadership and Postsecondary Education 76

Department of Educational Psychology and Foundations 81

Department of Finance 84

Department of Geography 88

Department of History 107

Department of Languages and Literatures 135

Department of Management 156

Department of Marketing 160

Department of Mathematics 163

Department of Military Science 171

Department of Philosophy and World Religions 187

Department of Physics 189

Department of Political Science 191

Department of Psychology 197

Department of Social Work 212

Department of Sociology, Anthropology, and Criminology 214

Department of Technology 224

I

Interdisciplinary Majors, Minors and Program Certificates 110

Iowa Lakeside Laboratory 134

Iowa Teacher Intern License Pathway (ITILP) 134

L

List of Programs by Department 4

M

Master of Arts Degree Programs 125

P

Program Certificates 129

S

School of Health, Physical Education, and Leisure Services 91

School of Music 172

Science Education 202

Social Science 205

Special Education 220

T

Teaching 223

Theatre 234