

# List of Programs by Department

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## (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

### Department of Applied Engineering & Technical Management

- **Undergraduate Majors (B.S.)**
  - Automation Engineering Technology
  - Construction Management
  - Electrical Engineering Technology (EET)
  - Manufacturing Engineering Technology
  - Technology and Engineering Education-Teaching
- **Undergraduate Majors (B.A.)**
  - Graphic Technology
  - Technology Management
- **Minors**
  - Electrical and Electronics Technology (EET)
  - Graphic Technology
  - Manufacturing Technology Design
  - Materials Science and Technology (also listed in Department of Chemistry and Biochemistry and Department of Physics)
  - Technology Education - Teaching
- **Graduate Major (M.S.)**
  - Technology
- **Program Certificates**
  - Applied Systems Engineering Management (graduate certificate)
  - Technology Management

### Applied Human Sciences, School of

- **Undergraduate Majors (B.A.)**
  - Family Services
  - Gerontology (also listed in Interdisciplinary section)

- Interior Design
- Textile and Apparel
- **Minors**
  - Family Studies
  - Gerontology (also listed in Interdisciplinary section)
    - Long Term Care
    - Social Sciences
  - Textile and Apparel
- **Graduate Major (M.A.)**
  - Counseling
    - Clinical Mental Health Counseling
    - School Counseling
- **Program Certificate**
  - Advanced Studies Certificate: Clinical Mental Health 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 Education-Teaching
  - Art History
- **Graduate Major (M.A.)**
  - Art Education
- **Program Certificate**
  - Museum Studies (also listed in Department of History)

### Department of Biology

- **Undergraduate Major (B.S.)**
  - Biology
  - Environmental Science (also listed in Department of Earth and Environmental Sciences)
- **Undergraduate Majors (B.A.)**
  - Biology
  - Biology: Biomedical Emphasis
  - Biology: Ecology, Evolution and Organismal Biology Emphasis
  - Biology-Teaching
  - Environmental Resource Management (also listed in Department of Geography, Department of Earth and Environmental Sciences, Department of Health, Recreation and Community Services)

## List of Programs by Department

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

### Department of Chemistry and Biochemistry

- **Undergraduate Majors (B.S.)**
  - Biochemistry
  - Chemistry
- **Undergraduate Majors (B.A.)**
  - Biochemistry
  - Chemistry
  - Chemistry-Teaching
- **Minors**
  - Chemistry
  - Materials Science and Technology (also listed in Department of Physics and Department of Applied Engineering & Technical Management)

### Department of Communication and Media

- **Undergraduate Majors (B.A.)**
  - Communication (Liberal Arts)
  - Communication-Theatre-Teaching (also listed in Department of Theatre)
  - Communication/Digital Media
  - Communication/Public Relations
  - Interactive Digital Studies (also listed in Interdisciplinary section)
  - Political Communication (also listed in Department of Political Science)
- **Minors**
  - Business Communication (also listed in Department of Marketing and Entrepreneurship)
  - Communication
  - Communication-Theatre-Teaching (also listed in Department of Theatre)
  - Communication/Digital Journalism (Liberal Arts)
  - Communication/Digital Media Leadership
  - Communication/Public Relations
  - Digital Media Production
  - Interactive Digital Studies (also listed in Interdisciplinary section)
- **Graduate Major (M.A.)**
  - Communication and Media
- **Program Certificates**
  - Communication, Community, and Public Advocacy
  - Communication Education and Training (graduate certificate)
  - Conflict Resolution
  - Organizational Communication and Inclusive Leadership
  - Organizational Communication and Training

- Performance, Rhetoric, and Advocacy (graduate certificate)
- Public Relations in Entertainment
- Strategic Communication (graduate certificate)
- Visual Communication and Digital Media (graduate certificate)

### Department of Communication Sciences and Disorders

- **Undergraduate Major (B.A.)**
  - Communication Disorders
- **Graduate Major (M.A.)**
  - Speech-Language Pathology

### Department of Computer Science

- **Undergraduate Majors (B.S.)**
  - Computer Science
  - Networking and System Administration
- **Undergraduate Majors (B.A.)**
  - Computer Science
- **Minors**
  - Computer Science
  - Data Science (also listed in Department of Mathematics and Department of Physics)
- **Program Certificates**
  - Certificate in Computer Science
  - Certificate in Computer Science Education

### 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**
  - Early Childhood Education-Teaching
  - Educational Technology
  - Literacy Education-Teaching
  - Social & Emotional Learning
  - Social Studies (K-8)-Teaching
- **Graduate Majors (M.A.)**
  - Learning Technologies and Instructional Design
  - School Library Studies
- **Graduate Majors (M.A.E.)**
  - Early Childhood Education
  - Elementary Education
  - Literacy Education
- **Graduate Major (Ed.D.)**
  - Doctor of Education: Curriculum and Instruction intensive study area
- **Program Certificate**
  - Education of the Gifted
  - Learning Technologies Facilitator

- Advanced Studies Certificate: Literacy Coach
- Advanced Studies Certificate: Reading Recovery Teacher Leader

## Department of Earth and Environmental Sciences

- **Undergraduate Majors (B.S.)**
  - Environmental Science (also listed in Department of Biology)
- **Undergraduate Majors (B.A.)**
  - Earth Science
  - Earth Science-Teaching
  - Environmental Resource Management (also listed in Department of Biology, Department of Geography, and Department of Health, Recreation and Community Services)
  - Environmental Science
- **Minors**
  - Air Quality
  - Astronomy
  - Earth Science
  - Earth Science-Teaching
  - Environmental Assessment
  - Environmental Earth Science
  - Geology
  - Hydrology

## Department of Economics

- **Undergraduate Major (B.A.)**
  - Economics
- **Minor**
  - Economics-Liberal Arts
- **Program Certificates**
  - Health Care Administration for Business Majors (also listed in College of Business and Department of Health, Recreation and Community Services)
  - Health Care Administration for Non-Business Majors (also listed in College of Business and Department of Health, Recreation and Community Services)

## Department of Educational Psychology, Foundations, and Leadership Studies

- **Minor**
  - Educational Studies
- **Graduate Majors (M.A.)**
  - Teacher Leadership for International Educators
  - Postsecondary Education: Student Affairs
- **Graduate Majors (M.A.E.)**
  - Educational Psychology: Context and Techniques of Assessment
  - Principalship
- **Graduate Major (Ed.S.)**
  - Specialist in Education: School Psychology
- **Graduate Major (Ed.D.)**

- Doctor of Education:
  - Educational Leadership intensive study area
  - Postsecondary Education: Student Affairs intensive study area
- **Program Certificates**
  - Advanced Studies Certificate in Educational Leadership
    - Emphasis: Principalship
    - Emphasis: Superintendent Preparation
  - Schooling & the Future of Education

## Department of Finance

- **Undergraduate Majors (B.A.)**
  - Finance
  - Real Estate
- **Minors**
  - Finance (for Business Majors)
  - Finance (for Non-Business Majors)
  - Real Estate-Business
  - Real Estate
- **Program Certificate**
  - Commercial Banking
  - Financial Analysis (graduate certificate)
  - Financial and Real Estate Sales for Business Majors (also listed in Department of Marketing and Entrepreneurship)

## Department of Geography

- **Undergraduate Major (B.S.)**
  - Geographic Information Science
- **Undergraduate Major (B.A.)**
  - Environmental Resource Management (also listed in Department of Biology, Department of Earth and Environmental Sciences, Department of Health, Recreation and Community Services)
  - Geography
- **Minor**
  - Geography-Liberal Arts
- **Graduate Major (M.A.)**
  - Geography
- **Program Certificates**
  - Crime Mapping and Analysis (also listed in Department of Sociology, Anthropology, and Criminology)
  - Geographic Information Systems (GIS) and Cartography
  - Unmanned Aerial Systems

## Department of Health, Recreation and Community Services

- **Interdisciplinary**
  - **Undergraduate Major (B.A.)**
    - Environmental Resource Management (also listed in Department of Biology, Department of Geography, and Department of Earth and Environmental Sciences)
- **Athletic Training**

## List of Programs by Department

- **Undergraduate Major (B.A.)**
  - Athletic Training and Rehabilitation Studies
- **Minors**
  - Athletic Training and Rehabilitation Studies
- **Graduate Major (M.ATR.)**
  - Master of Athletic Training
- **Public Health**
  - **Undergraduate Major (B.A.)**
    - Public Health
  - **Minors**
    - Health Education-Teaching
    - Public Health
  - **Program Certificates**
    - Health Care Administration for Business Majors (also listed in College of Business and Department of Economics)
    - Health Care Administration for Non-Business Majors (also listed in College of Business and Department of Economics)
    - Community Nutrition
    - Corporate Fitness (also listed in Department of Kinesiology)
    - Environmental Health
    - Global Health and Humanitarian Assistance
    - Health and Social Services
    - Women's Health
- **Recreation, Tourism and Nonprofit Leadership**
  - **Undergraduate Major (B.A.)**
    - Recreation, Tourism and Nonprofit Leadership
  - **Minor**
    - Recreation, Tourism and Nonprofit Leadership
  - **Graduate Major (M.A.)**
    - Community Health and Recreation
  - **Program Certificates**
    - Nonprofit Leadership
    - Outdoor Recreation
    - Tourism
    - Youth Work in Religious Settings (also listed in Department of Philosophy and World Religions)
- **College of Education**
  - **Graduate Major (Ed.D.)**
    - Doctor of Education: Allied Health, Recreation and Community Services intensive study area

## Department of History

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

- History
- Public History

- **Graduate Major (M.A.)**
  - History
- **Program Certificates**
  - Museum Studies (also listed in Department of Art)
  - Public History

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

- **Undergraduate Majors (B.A.)/Minors**
  - Business Teaching Major (requirements listed in College of Business)
  - General Studies Major
  - Gerontology Major (also listed in School of Applied Human Sciences)
  - Gerontology Minor (also listed in School of Applied Human Sciences)
  - Individual Studies Major
  - Interactive Digital Studies Major (also listed in Department of Communication and Media)
  - Interactive Digital Studies Minor (also listed in Department of Communication and Media)
  - Liberal Studies, Bachelor of
  - International Business Minor
  - International Business Minor (Non-Business Majors)
  - Russian and East European Studies Minor
  - Studies in Sexuality, Women and Gender Minor (requirements listed in College of Social and Behavioral Sciences)
- **Undergraduate Majors (B.A.S.)**
  - Managing Business and Organizations (Continuing Education and Special Programs)
- **Graduate Majors (M.A.)**
  - Interdisciplinary Studies
  - Philanthropy and Nonprofit Development
  - Women's and Gender Studies (requirements listed in College of Social and Behavioral Sciences)
- **Graduate Major (M.B.A.)**
  - Master of Business Administration (requirements listed in College of Business)
- **Program Certificates**
  - Applied Business Concepts (Continuing Education and Special Programs)
  - Business Administration (requirement listed in College of Business)
  - Health Care Administration for Business Majors (also listed in Department of Economics and Department of Health, Recreation and Community Services)
  - Health Care Administration for Non-Business Majors (also listed in Department of Economics and Department of Health, Recreation and Community Services)

- International Business, Culture, and Language (also listed in Department of Languages and Literatures)
- Museum Studies (also listed in Department of Art and Department of History)
- Sustainability
- Graduate Certificate in Women's and Gender Studies (requirements listed in College of Social and Behavioral Sciences)

## Iowa Lakeside Lab

### Department of Kinesiology

- **Undergraduate Majors (B.A.)**
  - Kinesiology and Exercise Science
  - Physical Education-Teaching
- **Minors**
  - Coaching
  - Sport Administration
  - Strength and Conditioning
- **Graduate Major (M.A.)**
  - Physical Education: Pedagogy
  - Kinesiology and Sport Performance
- **Program Certificate**
  - Adapted Physical Education
  - Corporate Fitness (also listed in Department of Health, Recreation and Community Services)
  - Exercise Science for Health Professionals

### 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
  - Film Studies
  - Interdisciplinary Language Studies: French
  - Spanish
  - Spanish-Teaching
  - Spanish/English Translation
  - Teaching English to Speakers of Other Languages (TESOL)
  - Teaching English to Speakers of Other Languages (TESOL)-Teaching
  - Writing
- **Graduate Majors (M.A.)**

- English
- Teaching English in Secondary Schools
- Teaching English to Speakers of Other Languages (TESOL)
- TESOL/Modern Language
- **Program Certificates**
  - Chinese Studies
  - French Language Studies
  - Hispanic Cultures
  - International Business, Culture, and Language (also listed in Interdisciplinary section)
  - International Commerce
  - Linguistic Studies
  - Literary Publishing
  - Post-Colonial and Multicultural Literary Studies
  - Spanish Language Studies
  - Spanish for Special Purposes
  - Teaching English to Speakers of Other Languages

### Department of Management

- **Undergraduate Majors (B.A.)**
  - Business Analytics
  - Human Resource Management
  - Management
  - Management Information Systems
  - Supply Chain Management
- **Minors**
  - General Business Concepts
  - Organizational Leadership

### Department of Marketing and Entrepreneurship

- **Undergraduate Majors (B.A.)**
  - Marketing
- **Minors**
  - Business Communication (also listed in Department of Communication and Media)
  - Entrepreneurship
  - Marketing
- **Program Certificates**
  - Entrepreneurship
  - Entrepreneurship (graduate certificate)
  - Financial and Real Estate Sales for Business Majors (also listed in Department of Finance)
  - Global Marketing (graduate certificate)

### Department of Mathematics

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

## List of Programs by Department

- Data Science (also listed in Department of Computer Science and Department of Physics)
- 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 Elementary and Middle Grades (K-8)
- **Graduate Majors (P.S.M.)**
  - Industrial Mathematics
- **Program Certificate**
  - Statistical Computing

## Department of Military Science

- **Minor**
  - Advanced Leadership Techniques

## 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
- **Program Certificates**
  - Youth Work in Religious Settings (also listed in Department of Health, Recreation and Community Services)

## Department of Physics

- **Undergraduate Majors (B.S.)**
  - Physics
- **Undergraduate Majors (B.A.)**
  - Physics
  - Physics-Teaching
- **Minors**
  - Data Science (also listed in Department of Computer Science and Department of Mathematics)
  - Materials Science and Technology (also listed in Department of Chemistry and Biochemistry and Department of Applied Engineering & Technical Management)
  - Nanoscience and Nanotechnology
  - Physics
- **Program Certificate**
  - Physics Teaching

## Department of Political Science

- **Undergraduate Majors (B.A.)**
  - Political Communication (also listed in Department of Communication and Media)
  - Political Science-Liberal Arts
  - Public Administration
- **Graduate Majors (M.P.P.)**
  - Master of Public Policy
- **Minors**
  - International Affairs-Liberal Arts
  - Legal Studies
  - Political Science-Liberal Arts
  - Public Administration
- **Program Certificates**
  - International Peace and Security
  - Public Personnel & Human Resources
  - State and Local Government

## Department of Psychology

- **Undergraduate Major (B.A.)**
  - Psychology
- **Minor**
  - Mental Health
  - Psychology
- **Graduate Major (M.A.)**
  - Psychology
- **Program Certificate**

- Military Psychology
- Work Psychology

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

#### Science Education

- **Undergraduate Majors (B.A.)**
  - Comprehensive Secondary Science Teaching
  - Middle-Level Science Teaching Dual
- **Minor**
  - Basic Science (K-8)-Teaching
  - STEM Education
- **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
  - Social Science-Teaching-Plan C - Basic
- **Graduate Major (M.A.)**
  - Social Science

#### Department of Social Work

- **Undergraduate Major (B.S.W.)**
  - Social Work
- **Minor**
  - Social Welfare
- **Graduate Major (M.S.W.)**
  - Social Work
- **Program Certificates**
  - Addictions Treatment
  - Child Welfare

#### Department of Sociology, Anthropology, and Criminology

- **Undergraduate Majors (B.A.)**
  - Anthropology
  - Criminology and Criminal Justice
  - Sociology
- **Undergraduate Majors (B.A.S.)**
  - Criminal Justice
- **Minors**
  - Anthropology
  - Criminology
  - Social Justice
  - Sociology
- **Program Certificates**
  - Crime Mapping and Analysis (also listed in Department of Geography)
  - Sociology of Family and Life Course
  - Sociology of Gender and Culture

- Sociology of Health and Development
- Sociology of Inequality and Inclusion
- Sociology of Race/Ethnicity and Immigration

#### Department of Special Education

- **Minors**
  - Early Childhood Special Education-Teaching
  - Special Education-Teaching
  - Instructional Strategist
- **Graduate Majors (M.A.E.)**
  - Special Education
- **Program Certificate**
  - Inclusive Education
  - Special Education Instructional Coaching

#### Department of Teaching

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

#### Department of Theatre

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

#### Undergraduate Studies

- **Program Certificate**
  - Career Success in Organizations (UNIFI)
  - Creative Expressions (UNIFI)
  - Critical Thinking and Information Literacy (UNIFI)
  - Data Science (UNIFI)
  - Developmental Considerations (UNIFI)
  - Diversity, Equity, and Inclusion (UNIFI)
  - East Asia (UNIFI)
  - Innovation in Leadership (UNIFI)
  - Sustainability (UNIFI)
  - THRIVE! (UNIFI)
  - United States Studies (UNIFI)