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 Wilson 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
  - Materials Science and Engineering
  - Materials Science Engineering Technology
  - Mechanical 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 Engineering (also listed in Department of Chemistry and Biochemistry and Department of Physics)
  - Metal Casting
  - Technology Education - Teaching
- Graduate Major (M.S.)
  - Technology

Program Certificates

- Applied Systems Engineering Management (graduate certificate)
- Technology Management

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)
- 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
List of Programs by Department

• 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 Computer Science

• Undergraduate Majors (B.S.)
  • Computer Science
  • Cybersecurity 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)
  • Elementary Education: Purple Pathway-Teaching
  • Middle Level Education Dual Major-Teaching

• Minors
  • Early Childhood Education-Teaching
  • 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
  • Learning Technologies Facilitator

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

Department of Communication Sciences and Disorders

• Undergraduate Major (B.A.)
  • Communication Disorders

• Minor
  • Deaf or Hard of Hearing-Teaching

• Graduate Major (M.A.)
  • Speech-Language Pathology
• 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 Wilson College of Business and Department of Nursing & Public Health)
  • Health Care Administration for Non-Business Majors (also listed in Wilson College of Business and Department of Nursing & Public Health)

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: Superintendency Preparation
  • Schooling & the Future of Education

Department of Family, Aging & Counseling
• Undergraduate Majors (B.A.)
  • Family Services
  • Gerontology
    • Long Term Care
    • Social Sciences
  • Interior Design
  • Textile and Apparel
• Minors
  • Family Studies
  • Gerontology
  • Textile and Apparel
• Graduate Major (M.A.)
  • Counseling
    • Clinical Mental Health Counseling
    • School Counseling
• Program Certificate
  • Advanced Studies Certificate in Clinical Mental Health Counseling

Department of Finance
• Undergraduate Majors (B.A.)
  • Finance
  • Real Estate
• Minors
  • Finance (for Business Majors)
  • Finance (for Non-Business Majors)
  • Real Estate (for Business Majors)
  • Real Estate (for Non-Business Majors)
• 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
List of Programs by Department

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)
  - Recreational Therapy

- **Recreation, Tourism and Nonprofit Leadership**
  - Undergraduate Major (B.A.)
    - Recreation, Tourism and Nonprofit Leadership
  - Minor
    - Recreation, Tourism and Nonprofit Leadership
  - Graduate Major (M.A.)
    - Recreation, Tourism and Nonprofit Leadership

- **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
    - Civic Literacy, Engagement, and the Humanities
    - History
    - History Social Sciences Endorsements-Teaching
    - History for Social Sciences Teaching
    - Public History
  - Graduate Major (M.A.)
    - History

- **Program Certificates**
  - History Social Sciences Endorsements-Teaching
  - 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 Wilson College of Business)

- **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 Wilson College of Business)

- **Program Certificates**
  - Applied Business Concepts (Continuing Education and Special Programs)
  - Business Fundamentals (graduate certificate) (requirements listed in Wilson College of Business)
  - CTE Information Technology-Teaching (requirements listed in Wilson College of Business)
  - Health Care Administration for Business Majors (also listed in Department of Economics and Department of Nursing & Public Health)
  - Health Care Administration for Non-Business Majors (also listed in Department of Economics and Department of Nursing & Public Health)
  - Interdisciplinary Studies (graduate certificate)
  - International Business, Culture, and Language (also listed in Department of Languages and Literatures)
  - Managerial Analytics (graduate certificate) (requirements listed in Wilson College of Business)
  - Museum Studies (also listed in Department of Art and Department of History)
  - Strategic Leadership and Innovation (graduate certificate) (requirements listed in Wilson College of Business)
  - Sustainability
  - Graduate Certificate in Women’s and Gender Studies (requirements listed in College of Social and Behavioral Sciences)
Iowa Lakeside Lab
Department of Kinesiology & Athletic Training

- Undergraduate Majors (B.A.)
  - Kinesiology
    - Exercise Science
  - Pre-Health
  - Pre-Athletic Training
  - Physical Education-Teaching
- Minors
  - Athletic Training and Rehabilitation Studies
  - Coaching
  - School of Health Education-Teaching
  - Sport Administration
  - Strength and Conditioning
- Graduate Majors (M.A.)
  - Kinesiology and Sport Performance
  - Physical Education: Pedagogy
- Graduate Major (M.ATR.)
  - Master of Athletic Training

Program Certificates
- Adapted Physical Education
- Corporate Fitness
- Exercise Science for Health Professionals
- Tactical Strength and Conditioning

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
    • Actuarial Science
    • 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
  • 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 Nursing & Public Health

• Undergraduate Majors (B.A.)
  • Public Health

• Undergraduate Major (B.S.N.)
  • Nursing

• Minors
  • Public Health

• Program Certificates
  • Community Nutrition
  • Environmental Health
  • Global Health
  • Health and Social Services
  • Health Care Administration for Business Majors (also listed in Wilson College of Business and Department of Economics)
  • Health Care Administration for Non-Business Majors (also listed in Wilson College of Business and Department of Economics)
  • Women's Health

Department of Philosophy and World Religions

• Undergraduate Majors (B.A.)
  • Philosophy
  • Religious Studies

• Minors
  • Ethics
  • Philosophy
  • Religious Studies

• Program Certificates
  • Religious Literacy
  • 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
    • Custom
    • Data Science
    • Physical Chemistry
    • 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
  • American Government for Teachers
  • 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.
List of Programs by Department

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)
  • Civic Literacy, Engagement, and the Humanities (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)