

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 Technology (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 Communication Sciences and Disorders

- **Undergraduate Major (B.A.)**
 - Communication Disorders
- **Minor**
 - Deaf or Hard of Hearing-Teaching
- **Graduate Major (M.A.)**
 - Speech-Language Pathology

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**

- 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)
- **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)

- General Studies Major
- 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)
- Sustainability Minor
- **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 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.A.T.R.)**
 - 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)