

# Graduate College

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**Website:** <https://grad.uiowa.edu>

## Combined Programs

### Combined Programs Offered Through the Graduate College

Various combined programs have been developed whereby students work simultaneously toward two degrees. There are three types of combinations: undergraduate and graduate degree combinations (U2G programs), combinations between graduate programs, and graduate and professional degree combinations. Consult the appropriate catalog sections for more information. Established combined graduate programs include, but may not be limited to, the following.

- Undergraduate to Graduate Degree Programs (U2G), Any Bachelor's Degree
- Undergraduate to Graduate Degree Programs (U2G), Specific Bachelor's Degree
- Non-UI Undergraduate to Graduate Degree Programs (U2G)
- Combined Graduate Degree Programs
- Combined Graduate and Professional Degree Programs

### Undergraduate to Graduate Degree Programs (U2G), Any Bachelor's Degree

The following graduate degrees offer U2G programs, which are open to any University of Iowa bachelor's degree or major.

#### MA in Library and Information Science

The combined program enables undergraduate students to begin work toward the MA in library and information science while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the bachelor's degree and MA degree requirements. Offered by the Graduate College; see the MA in library and information science in the catalog.

#### MA in Psychological and Quantitative Foundations (Learning Sciences and Educational Psychology Subprogram)

The combined program enables undergraduate students to begin work toward the MA in psychological and quantitative foundations with a learning sciences and educational psychology subprogram while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the bachelor's degree and MA degree requirements. Offered by the Graduate College and

the College of Education; see the MA in psychological and quantitative foundations in the catalog.

#### MA in Sport and Recreation Management

The combined program enables undergraduate students to begin work toward the MA in sport and recreation management while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the bachelor's degree and MA degree requirements. Offered by the Graduate College and the College of Liberal Arts and Sciences; see the MA in sport and recreation management in the catalog.

#### Master of Arts in Teaching (Mathematics Education Subprogram)

The combined program enables undergraduate students to begin work toward the Master of Arts in Teaching (MAT) with a mathematics education subprogram while completing the bachelor's degree. Students admitted to the program may count 18 s.h. of credit toward both the bachelor's degree and MAT degree requirements. Offered by the Graduate College and the College of Education; see the Master of Arts in Teaching, MAT (mathematics education subprogram) in the catalog.

#### Master of Arts in Teaching (Science Education Subprogram)

The combined program enables undergraduate students to begin work toward the Master of Arts in Teaching (MAT) with a science education subprogram while completing the bachelor's degree. Students admitted to the program may count 19 s.h. of credit toward both the bachelor's degree and MAT degree requirements. Offered by the Graduate College and the College of Education; see the Master of Arts in Teaching, MAT (science education subprogram) in the catalog.

#### Master of Computer Science (MCS)

The combined program enables undergraduate students to begin work toward the MCS while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of coursework toward both the bachelor's degree and MCS degree requirements. Offered by the Graduate College and the College of Liberal Arts and Sciences; see Master of Computer Science, MCS in the catalog.

#### Master of Public Affairs (MPAff)

The combined program enables undergraduate students to begin work toward the MPAff while completing the bachelor's degree. Students admitted to the program may count 16 s.h. of credit toward both the bachelor's degree and MPAff degree requirements. Offered by the Graduate College; see the Master of Public Affairs, MPAff in the catalog.

#### Master of Public Health (Community and Behavioral Health, Health Data Science, Occupational and Environmental Health, Policy Subprograms)

The combined program enables undergraduate students to begin work toward the Master of Public Health (MPH) while completing the bachelor's degree. Students admitted to the MPH (community and behavioral health, health data

science, occupational and environmental health, and policy subprograms) may count 15 s.h. of credit toward both the bachelor's degree and the MPH degree requirements. Offered by the Graduate College and the College of Public Health; see the Master of Public Health, MPH in the catalog.

### **Master of Public Health (Epidemiology Subprogram)**

The combined program enables undergraduate students to begin work toward the Master of Public Health (MPH) while completing the bachelor's degree. Students admitted to the MPH (epidemiology subprogram) may count 17 s.h. of credit toward both the bachelor's degree and MPH degree requirements. Offered by the Graduate College and the College of Public Health; see the Master of Public Health, MPH (epidemiology subprogram) in the catalog.

### **MS in Biomedical Engineering**

The combined program enables undergraduate students to begin work toward the MS in biomedical engineering while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the bachelor's degree and MS degree requirements. Offered by the Graduate College and the College of Engineering; see the Roy J. Carver Department of Biomedical Engineering in the catalog.

### **MS in Biostatistics**

The combined program enables undergraduate students to begin work toward the MS in biostatistics while completing the bachelor's degree. Students admitted to the program may count 15 s.h. of credit toward both the bachelor's degree and MS degree requirements. Offered by the Graduate College and the College of Public Health; see MS in biostatistics in the catalog.

### **MS in Business Analytics (Artificial Intelligence and Machine Learning, Artificial Intelligence and Technology Management, Finance Analytics Subprograms)**

The combined program enables undergraduate students to begin work toward the MS in business analytics with a full-time subprogram in artificial intelligence and machine learning, artificial intelligence and technology management, or finance analytics while completing the undergraduate degree. Students admitted to the program may count 14 s.h. of credit toward both the bachelor's degree and MS degree requirements. Offered by the Graduate College and the Tippie College of Business; see the MS in business analytics in the catalog.

### **MS in Civil and Environmental Engineering**

The combined program enables undergraduate students to begin work toward the MS in civil and environmental engineering while completing the bachelor's degree. Students admitted to the program may count 9 s.h. of coursework toward both the bachelor's degree and MS degree requirements. They may also count an additional 3 s.h. toward the MS degree requirements before they have been awarded the bachelor's degree. Offered by the Graduate College and the College of Engineering; see the MS in civil and environmental engineering in the catalog.

### **MS in Data Science**

The combined program enables undergraduate students to begin work toward the MS in data science while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the bachelor's degree and MS degree requirements. Offered by the Graduate College and the College of Liberal Arts and Sciences; see the MS in data science in the catalog.

### **MS in Electrical and Computer Engineering**

The combined program enables undergraduate students to begin work toward the MS in electrical and computer engineering while completing the bachelor's degree. Students admitted to the program may count 9 s.h. toward both the bachelor's degree and MS degree requirements. They may also count an additional 3 s.h. toward the MS degree requirements before they have been awarded the bachelor's degree. Offered by the Graduate College and the College of Engineering; see Electrical and Computer Engineering in the catalog.

### **MS in Epidemiology**

The combined program enables undergraduate students to begin work toward the MS in epidemiology while completing the bachelor's degree. Students admitted to the MS program may count 15 s.h. of credit toward both the bachelor's degree and MS degree requirements. Offered by the Graduate College and the College of Public Health; see the MS in epidemiology in the catalog.

### **MS in Health and Human Physiology (Child Life, Clinical Exercise Physiology Subprograms)**

The combined program enables undergraduate students to begin work toward the MS in health and human physiology with a child life or clinical exercise physiology subprogram while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the bachelor's degree and MS degree requirements. Offered by the Graduate College and the College of Liberal Arts and Sciences; see Health, Sport, and Human Physiology in the catalog.

### **MS in Industrial Engineering**

The combined program enables undergraduate students to begin work toward the MS in industrial engineering while completing the bachelor's degree. Students admitted to the program may count 9 s.h. toward both the bachelor's degree and MS degree requirements. They may also count an additional 3 s.h. toward the MS degree requirements before they have been awarded the bachelor's degree. Offered by the Graduate College and the College of Engineering; see Industrial and Systems Engineering in the catalog.

### **MS in Mechanical Engineering**

The combined program enables undergraduate students to begin work toward the MS in mechanical engineering while completing the bachelor's degree. Students admitted to the program may count 12 s.h. toward both the bachelor's degree and MS degree requirements. Offered by the Graduate College and the College of Engineering; see Mechanical Engineering in the catalog.

## **MS in Occupational and Environmental Health (Industrial Hygiene Subprogram)**

The combined program enables undergraduate students to begin work toward the MS in occupational and environmental health while completing the bachelor's degree. Students admitted to the MS program may count 15 s.h. of credit toward both the bachelor's degree and MS degree requirements. Offered by the Graduate College and the College of Public Health; see the MS in occupational and environmental health (industrial hygiene subprogram) in the catalog.

## **MS in Statistics**

The combined program enables undergraduate students to begin work toward the MS in statistics while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the bachelor's degree and MS degree requirements. Offered by the Graduate College and the College of Liberal Arts and Sciences; see Statistics and Actuarial Science in the catalog.

## **MS in Sustainable Development**

The combined program enables undergraduate students to begin work toward the MS in sustainable development while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the bachelor's degree and MS degree requirements. Offered by the Graduate College and the College of Engineering; see the MS in sustainable development in the catalog.

## **MS in Urban and Regional Planning**

The combined program enables undergraduate students to begin work toward the MS in urban and regional planning while completing the bachelor's degree. Students admitted to the program may count 18 s.h. of credit toward both the bachelor's degree and MS degree requirements. Offered by the Graduate College; see the MS in urban and regional planning in the catalog.

## **PhD in Biochemistry**

The combined program enables undergraduate students to begin work toward the PhD in biochemistry while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the bachelor's degree and PhD degree requirements. Offered by the Graduate College and the Carver College of Medicine; see the Department of Biochemistry and Molecular Biology in the catalog.

## **Undergraduate to Graduate Degree Programs (U2G), Specific Bachelor's Degrees**

The following graduate degrees offer U2G programs that are paired with a specific University of Iowa bachelor's degree or major.

### **BA in Elementary Education (Special Education Subprogram)/MA in Teaching and Learning (Special Education Subprogram)**

The combined BA/MA program with a special education subprogram enables students to begin work toward the MA

in teaching and learning while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the BA and MA degree requirements. Offered by the Graduate College and the College of Education; see the MA in teaching and learning (special education subprogram) in the catalog.

### **BA in English or BA in English and Creative Writing/MA in English (Literary Studies Subprogram)**

The combined BA/MA program with a literary studies subprogram enables students to begin work toward the MA in English while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the BA and MA degree requirements. Offered by the Graduate College and the College of Liberal Arts and Sciences; see the MA in English (literary studies subprogram) in the catalog.

### **BS in Geographical and Sustainability Sciences (Geographic Information Science Subprogram)/MS in Informatics (Geoinformatics Subprogram)**

The combined BS in geographical and sustainability sciences with a geographic information science subprogram/MS in informatics with a geoinformatics subprogram enables undergraduate students majoring in geographical and information sciences to begin work toward the MS while completing the bachelor's degree. Students admitted to the program may count 12 s.h. toward both the BS and MS degree requirements. Offered by the Graduate College and the College of Liberal Arts and Sciences; see BS in Geographical and Sustainability Sciences and the MS in informatics (geoinformatics subprogram) in the catalog.

### **BA in Journalism and Mass Communication/MA in Strategic Communication**

The combined BA/MA program enables students to begin work toward the MA in strategic communication while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the BA and MA degree requirements. Offered by the Graduate College and the College of Liberal Arts and Sciences; see the MA in strategic communication in the catalog.

### **BA in Linguistics/MA in Linguistics (TESL Subprogram)**

The combined BA/MA program in linguistics with a TESL subprogram enables students majoring in linguistics to begin work toward the MA while completing the bachelor's degree. Students admitted to the program may count 13 s.h. of advanced coursework toward both the BA and MA degree requirements and may take selected graduate-level courses before they have been awarded the BA degree. They may also gain experience teaching English as a second language (ESL) at the college level early in their graduate careers. Offered by the Graduate College and the College of Liberal Arts and Sciences; see Linguistics, BA in the catalog.

## **BA in Speech and Hearing Science/ Doctor of Audiology (AuD)**

The combined BA in speech and hearing science/Doctor of audiology enables students to begin work toward the AuD while completing the bachelor's degree. Students admitted to the program may count 30 s.h. of credit toward both the BA and AuD degree requirements. Offered by the Graduate College and the College of Liberal Arts and Sciences; see Communication Sciences and Disorders in the catalog.

## **BA or BS in Informatics/MS in Informatics (Health Informatics, Human-Computer Interaction Subprograms)**

The combined BA or BS in informatics/MS in informatics with a health informatics or human-computer interaction subprogram enables students majoring in informatics to begin work toward the MS while completing the bachelor's degree. Students admitted to the program may count 12 s.h. toward both the BA or BS and MS degree requirements. Offered by the Graduate College and the College of Liberal Arts and Sciences; see the MS in informatics in the catalog.

## **BS in Exercise Science/MS in Athletic Training**

The combined BS in exercise science/MS in athletic training program enables students majoring in exercise science to begin work toward the MS while completing the bachelor's degree. Students admitted to the program may count 22 s.h. of credit toward both the BS and MS degree requirements. Offered by the Graduate College, the College of Liberal Arts and Sciences, and the Carver College of Medicine; see the MS in athletic training in the catalog.

## **BSE in Chemical Engineering/MS in Chemical and Biochemical Engineering**

The combined BSE in chemical engineering/MS in chemical and biochemical engineering program enables undergraduate students majoring in chemical engineering to begin work toward the MS while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of coursework toward both the BSE and MS degree requirements. Offered by the Graduate College and the College of Engineering; see Chemical and Biochemical Engineering in the catalog.

## **BSE in Any Engineering Major or CLAS Bachelor's Degree/PhD in Electrical and Computer Engineering**

The combined BSE or CLAS bachelor's degree/PhD in electrical and computer engineering enables undergraduate students in any College of Engineering BSE or in any CLAS bachelor's program to begin work toward the PhD while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of coursework toward both the bachelor's degree and PhD degree requirements. They may also count an additional 6 s.h. toward the PhD degree requirements before they have been awarded the bachelor's degree. Offered by the Graduate College and the College of Engineering; see Electrical and Computer Engineering in the catalog.

## **BSN in Nursing (RN Subprogram)/DNP in Nursing**

The combined BSN in nursing (RN subprogram)/DNP in nursing program enables students to begin work toward the DNP while completing the bachelor's degree. Students admitted to the program may count 9 s.h. of credit toward both the BSN and DNP degree requirements. Offered by the Graduate College and the College of Nursing; see the Bachelor of Science in Nursing, BSN (nursing—RN subprogram) and the Doctor of Nursing Practice, DNP in the catalog.

## **Non-UI Undergraduate to Graduate Degree Programs (U2G)**

The following graduate degrees offer U2G programs that are paired with bachelor's degree programs at other colleges and universities.

### **Coe College, Cornell College, Grinnell College, or Luther College Bachelor's Degree/MPH (Biostatistics, Community and Behavioral Health, Epidemiology, Occupational and Environmental Health, Policy Subprograms)**

The combined program enables undergraduate students at Coe College, Cornell College, Grinnell College, and Luther College to begin work toward the MPH while completing the bachelor's degree. Students admitted to the program may enroll in University of Iowa graduate-level courses to count toward the MPH degree while they are simultaneously completing the bachelor's degree. Offered by the Graduate College and the College of Public Health; see the Master of Public Health, MPH in the catalog.

### **Grinnell College BA in Computer Science/MCS**

The combined program enables undergraduate students majoring in computer science at Grinnell College to begin work toward the MCS while completing the bachelor's degree. Students admitted to the program may transfer Grinnell College coursework that articulates to 6 s.h. of graduate-level credit toward University of Iowa MCS degree requirements. Students admitted to the program may enroll in University of Iowa graduate-level courses to count toward the MCS degree while they are simultaneously completing the bachelor's degree. Offered by the Graduate College and the College of Liberal Arts and Sciences; see Master of Computer Science, MCS in the catalog.

### **Nankai University Bachelor's Degree/MS in Actuarial Science**

The combined program enables undergraduate students at Nankai University in Tianjin, China to begin work toward the MS while completing the bachelor's degree. Students admitted to the program may enroll in University of Iowa graduate-level courses to count toward the MS degree while they are simultaneously completing the bachelor's degree. Offered by the Graduate College and the College of Liberal Arts and Sciences; see Statistics and Actuarial Science in the catalog.

## **Nankai University Bachelor's Degree/MS in Statistics**

The combined program enables undergraduate students at Nankai University in Tianjin, China to begin work toward the MS while completing the bachelor's degree. Students admitted to the program may enroll in University of Iowa graduate-level courses to count toward the MS degree while they are simultaneously completing the bachelor's degree. Offered by the Graduate College and the College of Liberal Arts and Sciences; see Statistics and Actuarial Science in the catalog.

## **Wartburg College Bachelor's Degree/MA in Library and Information Science**

The combined program enables undergraduate students at Wartburg College to begin work toward the MA while completing the bachelor's degree. Students admitted to the program may enroll in University of Iowa graduate-level courses to count toward the MA degree while they are simultaneously completing the bachelor's degree. Offered by the Graduate College; see Library and Information Science, MA in the catalog.

## **Combined Graduate Degree Programs**

### **AuD in Audiology/PhD in Speech and Hearing Science**

The combined AuD in audiology and PhD in speech and hearing science program is designed for students who would like to practice audiology and hold a faculty position at a university. Students admitted to the program work concurrently toward the Doctor of Audiology and the Doctor of Philosophy; they may count 30 s.h. toward the requirements of both degrees. Offered by the Graduate College and the College of Liberal Arts and Sciences; see Communication Sciences and Disorders in the catalog.

### **MA in French and Francophone World Studies/MFA in Literary Translation**

The Department of Languages, Linguistics, Literatures, and Cultures offers a combined Master of Arts in French and Francophone world studies and a Master of Fine Arts in literary translation. Students interested in writing in its different forms—creative, academic, and translation—will find the University of Iowa to be the ideal place to develop their talents and an attractive option for more diversified career preparation. A separate application and admission to each degree program is required. For more information, review the admissions requirements for French and Francophone world studies and literary translation. Students in the combined program earn both degrees by completing a minimum of 60 s.h. of coursework, fewer semester hours than if each degree was completed separately. Qualified students may be eligible for up to three years of full funding for a teaching assistant (TA) position.

### **MA in Library and Information Science/Certificate in Book Arts and Book Studies**

The combined MA in library and information science and Certificate in Book Arts and Book Studies prepares students for careers in special collections librarianship. Students

admitted to the program receive training in the management of varied types of special collections, such as rare books, manuscripts, archives, graphics, music, and ephemera. Offered by the Graduate College; see the MA in library and information science and the Certificate in Book Arts and Book Studies in the catalog.

### **MA in Library and Information Science/MFA in Book Arts**

The combined MA in library and information science/MFA in book arts program allows graduate students with strong interests in the physical book to acquire training in the book arts, book history, and material book studies. The earned expertise in the production and legacy of the book as a physical artifact combined with expertise in library and information science can be an asset for those focused on careers in special collections libraries and archives. Students in the combined program earn both degrees by completing fewer semester hours than if each degree was completed separately. Offered by the Graduate College; see the MA in library and information science and the MFA in book arts in the catalog.

### **MA in Library and Information Science/PhD in English**

The combined MA in library and information science/PhD in English program prepares students for careers in academic libraries as humanities subject specialists, reference and instruction librarians, first-year experience librarians, special collections librarians and curators, and archivists. It also enhances the research profiles and methodological toolboxes of digital humanists as well as archival historicists, in addition to improving pedagogical skills. Offered by the Graduate College and the College of Liberal Arts and Sciences; see the MA in library and information science and the PhD in English in the catalog.

### **MS in Urban and Regional Planning/MSW in Social Work**

The combined MS in urban and regional planning/MSW in social work program is designed for students who would like to pursue a career in social work and urban planning. Offered by the Graduate College and the College of Liberal Arts and Sciences; see the MS in urban and regional planning and the MSW in social work in the catalog.

## **Combined Graduate and Professional Degree Programs**

### **Graduate Degrees/Certificates in Business Fundamentals, Finance, Leadership, Marketing**

Students can pursue a professional Certificate in Business Fundamentals, Finance, Leadership, or Marketing concurrently with their graduate degree. With graduate program approval, students may count up to 9 s.h. from a professional certificate toward their graduate degree. With approval from the professional certificate program, students may count up to 3 s.h. from any graduate degree program toward their certificate. Offered by the Graduate College and Tippie Professional Programs (Tippie College of Business), see the professional Certificates in Business Fundamentals, Finance, Leadership, or Marketing in the catalog.

## **JD/Graduate Degrees**

The College of Law and several Graduate College programs and schools have developed combined programs in which students pursue the Juris Doctor (JD) degree and a graduate degree concurrently. Offered by the Graduate College and the College of Law; see the Manual of Rules and Regulations on the Graduate College website and the Juris Doctor, JD in the catalog.

## **MBA/MA in Strategic Communication**

The combined Master of Business Administration/MA in strategic communication program aims to meet the evolving needs of the market by producing graduates with a unique skill set that integrates advanced communication strategies with robust business acumen for the digital world. Offered by Tippie Professional Programs (Tippie College of Business) and the College of Liberal Arts and Sciences; see the Master of Business Administration, MBA and the MA in strategic communication in the catalog.

## **MBA/Master of Health Administration (MHA)**

The combined Master of Business Administration/Master of Health Administration serves students interested in combining health management and policy with greater exposure to advanced management techniques. The combined degree program prepares students to work within or consult for a greater variety of organizations, including but not limited to health care organizations and consulting firms. Offered by the Tippie Professional Programs (Tippie College of Business) and the College of Public Health; see the Master of Business Administration, MBA and the Master of Health Administration, MHA in the catalog.

## **MBA/MS in Business Analytics (Professional Subprogram)**

The combined Master of Business Administration/MS program in business analytics with a professional subprogram prepares students to manage organizations and analyze data available to support business decision-making. Offered by Tippie Professional Programs (Tippie College of Business); see the Master of Business Administration, MBA and the MS in business analytics in the catalog.

## **MBA/MSW in Social Work**

The combined Master of Business Administration/Master of Social Work program prepares students for careers in human services and nonprofit agency administration. Offered by Tippie Professional Programs (Tippie College of Business) and the College of Liberal Arts and Sciences; see the Master of Business Administration, MBA and the MSW in social work in the catalog.

## **MD/PhD (Medical Scientist Training Program)**

The combined Doctor of Medicine/Doctor of Philosophy program prepares students for careers in academic medicine, with emphasis on basic and clinical research. Offered by the Graduate College and the Carver College of Medicine; see Medical Scientist Training Program in the catalog.