Combined Programs Offered Through the Graduate College

Various combined programs have been developed whereby students work simultaneously toward two degrees. Consult the appropriate Catalog sections for more information. Established combined graduate programs include, but may not be limited to, the following.

**BA in Biology, Chemistry, Environmental Sciences, Geoscience, Physics/MAT (Science Education Subprogram)**

The combined BA/MAT program with a science education subprogram is open to any major, but typically draws most frequently from students majoring in biology, chemistry, environmental sciences, geoscience, or physics, allowing them to begin work toward the MAT while completing the bachelor's degree. Students admitted to the program may count 19 s.h. of credit toward both the BA and MAT degree requirements. Offered by the Graduate College, the College of Liberal Arts and Sciences, and the College of Education; see the Master of Arts in Teaching (Science Education Subprogram) in the catalog.

**BA in Biology/MPH (Epidemiology Subprogram) or MS in Epidemiology**

The combined BA in biology/MPH with an epidemiology subprogram and the combined BA in biology/MS in epidemiology program enable Bachelor of Arts students majoring in biology to begin work toward the MPH or MS while completing the bachelor's degree. University of Iowa students admitted to the MPH program may count 17 s.h. of credit toward both the BA and the MPH degree requirements. University of Iowa students admitted to the MS program may count 15 s.h. of credit toward both the BA and the MS degree requirements. Students admitted to either program may also maximize their selection of upper-level classes for advanced training in epidemiology. Coe College, Cornell College, Grinnell College, and Luther College students admitted to the MPH 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, the College of Liberal Arts and Sciences, and the College of Public Health; see the Master of Public Health, MPH (epidemiology subprogram) and the MS in epidemiology in the catalog.

**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 MS 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 Geography (Geographic Information Science Track) or BS in Geography/MS in Informatics (Geoinformatics Subprogram)**

The combined BA in geography with a geographic information science track or BS in geography/MS in informatics with a geoinformatics subprogram enables undergraduate students majoring in geography 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 Geographical and Sustainability Sciences and the MS in informatics (geoinformatics subprogram) in the catalog.

**BA in German/MA in German**

The combined BA/MA program in German enables undergraduate students majoring in German to begin work toward the MS 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. They also have the opportunity for early entrance into advanced courses in German. Offered by the Graduate College and the College of Liberal Arts and Sciences; see German in the catalog.

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

The combined BA 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 12 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 also may 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 in the catalog.

**BA in Mathematics/MAT (Mathematics Education Subprogram)**

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

**BA in Psychology/MPH (Community and Behavioral Health Subprogram)**

The combined BA in psychology/MPH with a community and behavioral health subprogram enables Bachelor of Arts students majoring in psychology to begin work toward the MPH while completing the bachelor's degree. University of Iowa students admitted to the program may count 15 s.h. of credit toward both the BA and MPH degree requirements. Coe College, Cornell College, Grinnell College, and Luther College students admitted to the MPH 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, the College of Liberal Arts and Sciences, and the College of Public Health; see the Master of Public Health, MPH (community and behavioral health subprogram) in the catalog.

**BA or BS in Computer Science/MCS**

The combined BA or BS in computer science/MCS program enables undergraduate students majoring in computer science to begin work toward the MCS while completing the bachelor's degree. University of Iowa students admitted to the program may count 12 s.h. of coursework, typically advanced technical courses and electives, toward both the bachelor's and the MCS degree requirements. Grinnell College 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. Grinnell College students admitted to the MCS 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 Computer Science in the catalog.

**BA or BS in Environmental Policy and Planning/MS in Urban and Regional Planning**

The combined BA or BS in environmental policy and planning/MS in urban and regional planning program enables undergraduate students majoring in environmental policy and planning to begin work toward the MS while completing the bachelor's degree. Students admitted to the program may count 18 s.h. of credit toward both the BA or BS and MS degree requirements. Offered by the Graduate College and the College of Liberal Arts and Sciences; see Environmental Policy and Planning and the MS in urban and regional planning in the catalog.

**BA or BS in Informatics/MS in Informatics**

The combined BA or BS in informatics/MS in informatics program enables students majoring in informatics to begin work toward the MS while completing the bachelor's degree. Offered by the Graduate College and the College of Liberal Arts and Sciences; see the MS in informatics in the catalog.

**BA or BS in Mathematics/MS in Data Science**

The combined BA or BS in mathematics/MS in data science program enables students majoring in mathematics to begin work toward the MS while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit 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 data science in the catalog.

**BA or BS in Public Health/MPH (Policy Subprogram)**

The combined BA or BS in public health/MPH with a policy subprogram enables students majoring in public health to begin work toward the MPH while completing the bachelor's degree. University of Iowa students admitted to the program may count 15 s.h. of credit toward both the BA or BS and MPH degree requirements. Coe College, Cornell College, Grinnell College, and Luther College students admitted to the MPH 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 (policy subprogram) in the catalog.

**BA or BS/MA in Library and Information Science**

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

**BA or BS/MPAff**

The combined BA or BS/MPAff program enables undergraduate students to begin work toward the MPAff while completing the bachelor's degree. Students admitted to the program may count 15 s.h. of credit toward both the BA or BS and MPAff degree requirements. Offered by the Graduate College; see the Master of Public Affairs, MPAff in the catalog.

**BA or BS/MS in Business Analytics (Career Subprogram)**

The combined BA or BS/MS in business analytics with a career subprogram allows the following undergraduate students majoring in actuarial science (BS); applied physics (BS); biology (BA or BS); chemistry (BA or BS); computer science (BA or BS); criminology, law and justice (BA); data science (BS); economics (BA or BS); English (BA); English and creative writing (BA); enterprise leadership (BA); ethics and public policy (BA); history (BA); informatics (BA or BS); interdepartmental studies (BA); journalism and mass communication (BA); linguistics (BA); mathematics (BA or BS); physics (BA or BS); political science (BA or BS); psychology (BA or BS); sociology (BA); and statistics (BS) to begin work toward the MS in business analytics while completing their undergraduate degree. Students admitted to the program may count 14 s.h. of credit toward both the BA or BS and MS degree requirements. This provides students with the opportunity to complete both degrees in less time than it would take them to complete the degrees separately. Offered by the Graduate College, the College of Liberal Arts and Sciences, and the Tippie College of Business; see the MS in business analytics (career) in the catalog.
BA or BS/MS in Finance
The combined BA or BS/MS in finance program allows the following undergraduate students majoring in actuarial science (BS); applied physics (BS); biology (BA or BS); chemistry (BA or BS); computer science (BA or BS); criminology, law and justice (BA); data science (BS); English (BA); English and creative writing (BA); enterprise leadership (BA); ethics and public policy (BA); history (BA); informatics (BA or BS); interdepartmental studies (BA); journalism and mass communication (BA); linguistics (BA); mathematics (BA or BS); physics (BA or BS); political science (BA or BS); psychology (BA or BS); sociology (BA); and statistics (BS) to begin work toward the MS in finance while completing their undergraduate degree. Students admitted to the program may count 16 s.h. of credit toward both the BA or BS and MS degree requirements. This provides students with the opportunity to complete both degrees in less time than it would take them to complete the degrees separately. Offered by the Graduate College, the College of Liberal Arts and Sciences, and the Carver College of Medicine; see the MS in finance in the catalog.

BBA/MS in Business Analytics (Career Subprogram)
The combined BBA/MS in business analytics with a career subprogram enables undergraduate students majoring in accounting, business administration, economics, finance, management, business analytics and information systems, and marketing to begin work on the MS while completing the Bachelor of Business Administration degree. Students admitted to the program may count 14 s.h. of credit toward both the BBA and MS degree requirements. Students can complete both degrees in less time than it would take them to complete them separately. Offered by the Graduate College and the Tippie College of Business; see the MS in business analytics (career) in the catalog.

BBA/MS in Finance
The combined BBA/MS in finance program allows undergraduate students majoring in business administration to begin work toward the MS while completing the Bachelor of Business Administration degree. Students admitted to the program may count 16 s.h. of credit toward both the BBA and MS degree requirements. The program provides students with the opportunity to complete both degrees in five years instead of six. Offered by the Graduate College and the Tippie College of Business; see the MS in finance in the catalog.

BS in Biochemistry/PhD in Biochemistry
The combined BS in biochemistry/PhD in biochemistry program enables Bachelor of Science students majoring in biochemistry to begin work toward the PhD while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the BS and PhD degree requirements. Offered by the Graduate College, the College of Liberal Arts and Sciences, and the Carver College of Medicine; see the Department of Biochemistry and Molecular Biology 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 21 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.

BS in Statistics/MPH (Biostatistics Subprogram) or MS in Biostatistics
The combined BS in statistics/MPH with a biostatistics subprogram and the combined BS in statistics/MS in biostatistics program enable Bachelor of Science students majoring in statistics to begin work toward the MPH or MS while completing the bachelor's degree. University of Iowa students admitted to the MPH program may count 15 s.h. of credit toward both the BS and the MPH degree requirements. University of Iowa students admitted to the MS program may count 15 s.h. of credit toward both the BS and the MS degree requirements. Coe College, Cornell College, Grinnell College, and Luther College students admitted to the MPH 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, the College of Liberal Arts and Sciences, and the College of Public Health; see the BS in statistics, Master of Public Health, MPH (biostatistics subprogram), and MS in biostatistics in the catalog.

BS in Statistics/MS in Statistics
The combined BS/MS in statistics program enables undergraduate students majoring in statistics to begin work toward the MS while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the BS 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.

BS in Therapeutic Recreation/MS in Health and Human Physiology (Child Life Subprogram)
The combined BS in therapeutic recreation/MS in health and human physiology with a child life subprogram enables undergraduate students majoring in therapeutic recreation to begin work toward the MS while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the BS and MS degree requirements. Offered by the Graduate College and the College of Liberal Arts and Sciences; see Health and Human Physiology in the catalog.

BSE in Biomedical Engineering/MPH (Occupational and Environmental Health Subprogram) or MS in Occupational and Environmental Health (Industrial Hygiene Subprogram)
The combined BSE in biomedical engineering/MS in occupational and environmental health with an industrial hygiene subprogram enables undergraduate students majoring in biomedical engineering to begin work toward the MPH or MS in occupational and environmental health while completing the bachelor's degree. University of Iowa students admitted to the MPH program may count 15 s.h. of credit toward both the BSE and the MPH degree requirements. University of Iowa students admitted to the MS program may
count 15 s.h. of credit toward both the BSE and the MS degree requirements. Coe College, Cornell College, Grinnell College, and Luther College students admitted to the MPH 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, the College of Engineering, and the College of Public Health; see the BSE in biomedical engineering, Master of Public Health, MPH (occupational and environmental health subprogram), and the MS in occupational and environmental health (industrial hygiene subprogram) in the catalog.

**BSE in Biomedical Engineering/MS in Biomedical Engineering**

The combined BSE/MS in biomedical engineering program enables undergraduate students majoring in biomedical engineering to begin work toward the MS while completing the bachelor’s degree. Students admitted to the program may count 12 s.h. of credit toward both the BSE and MS degree requirements. They also may attend and participate in the departmental graduate seminar and work on a master’s thesis or research project before they have been awarded the BSE degree. Offered by the Graduate College and the College of Engineering; see the Roy J. Carver Department of Biomedical Engineering 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, typically advanced chemistry sequences and electives, 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 Chemical Engineering/MS in Civil and Environmental Engineering**

The combined BSE in chemical engineering/MS in civil and environmental engineering program enables undergraduate students majoring in chemical engineering 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 BSE and MS degree requirements. They also may count an additional 3 s.h. toward the MS degree requirements before they have been awarded the BSE degree. Offered by the Graduate College and the College of Engineering; see Chemical and Biochemical Engineering in the catalog.

**BSE in Civil Engineering/MS in Civil and Environmental Engineering**

The combined BSE in civil engineering/MS in civil and environmental engineering program enables undergraduate students majoring in civil engineering to begin work toward the MS while completing the bachelor’s degree. Students admitted to the program may count 12 s.h. of credit toward both the BSE and MS degree requirements. Offered by the Graduate College and the College of Engineering; see Civil and Environmental Engineering in the catalog.

**BSE in Civil Engineering/MS in Sustainable Development**

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

**BSE in Civil Engineering/MS in Urban and Regional Planning**

The combined BSE in civil engineering/MS in urban and regional planning program enables undergraduate students majoring in civil engineering to begin work toward the MS while completing the bachelor’s degree. Students admitted to the program may count 18 s.h. of credit toward both the BSE and MS degree requirements. They also may attend and participate in the departmental graduate seminar and work on a master’s thesis or research project before they have been awarded the BSE degree. Offered by the Graduate College and the College of Engineering; see the BSE in civil and environmental engineering and the MS in urban and regional planning in the catalog.

**BSE in Electrical Engineering/MS in Electrical and Computer Engineering**

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

**BSE in Industrial Engineering/MS in Industrial Engineering**

The combined BSE/MS in industrial engineering program enables undergraduate students majoring in industrial 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. They also may attend one of the department’s graduate seminars and work on master’s thesis research before they have been awarded the BSE degree. Offered by the Graduate College and the College of Engineering; see Industrial and Systems Engineering in the catalog.
BSE in Mechanical Engineering/MS in Civil and Environmental Engineering
The combined BSE in mechanical engineering/MS in civil and environmental engineering program enables undergraduate students majoring in mechanical engineering 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 BSE and MS degree requirements. They also may count an additional 3 s.h. toward the MS degree requirements before they have been awarded the BSE degree. Offered by the Graduate College and the College of Engineering; see the BSE in mechanical engineering and the MS in civil and environmental engineering in the catalog.

BSE in Mechanical Engineering/MS in Mechanical Engineering
The combined BSE/MS in mechanical engineering program enables undergraduates majoring in mechanical engineering 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 BSE and MS degree requirements. They also may attend a graduate seminar and participate in master's thesis research before they have been awarded the BSE. Offered by the Graduate College and the College of Engineering; see Mechanical 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.

AuD/PhD in Speech and Hearing Science
The combined AuD/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.

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 Graduate Management 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.

MA in French and Francophone World Studies/MFA in Literary Translation
The Department of French and Italian and the Literary Translation Program collaborate to offer 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 Studies/Book Arts and Technologies
The combined MA in library and information science and Certificate in Book Studies/Book Arts and Technologies 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 Studies/Book Arts and Technologies 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.

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.