

Graduate College

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Combined Programs

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:

B.A. in Biology, Chemistry, Environmental Sciences, Physics/ M.A.T. (Science Education Subprogram)

The combined B.A./M.A.T. program with a science education subprogram enables Bachelor of Arts students majoring in biology, chemistry, environmental sciences, or physics to begin work toward the M.A.T. while completing the bachelor's degree. Students admitted to the program may count 19 s.h. of credit toward both the B.A. and M.A.T. degree requirements. Offered by the Graduate College, the College of Liberal Arts and Sciences, and the College of Education; see Biology, Chemistry, Environmental Sciences, or Physics and Astronomy and the Master of Arts in Teaching, M.A.T. (science education subprogram) in the Catalog.

B.A. in Biology/M.P.H. (Epidemiology Subprogram) or M.S. in Epidemiology

The combined B.A. in biology/M.P.H. with an epidemiology subprogram and the combined B.A. in biology/M.S. in epidemiology enable Bachelor of Arts students majoring in biology to begin work toward the M.P.H. or M.S. while completing the bachelor's degree. Students admitted to the M.P.H. program may count 17 s.h. of credit toward both the B.A. and the M.P.H. degree requirements. Students admitted to the M.S. program may count 15 s.h. of credit toward both the B.A. and the M.S. degree requirements. Students admitted to either program may also maximize their selection of upper-level classes for advanced training in epidemiology. Offered by the Graduate College, the College of Liberal Arts and Sciences, and the College of Public Health; see the Master of Public Health, M.P.H. (epidemiology subprogram) and the M.S. in epidemiology in the Catalog.

B.A. in Elementary Education (Special Education Subprogram)/ M.A. in Teaching and Learning (Special Education Subprogram)

The combined B.A./M.A. program with a special education subprogram enables students to begin work toward the M.S. while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the B.A. and M.A. degree requirements. Offered by the Graduate College and the College of Education; see the M.A. in teaching and learning (special education subprogram) in the Catalog.

B.A. in Geography (Geographic Information Science Track) or B.S. in Geography/M.S. in Informatics (Geoinformatics Subprogram)

The combined B.A. in geography with a geographic information science track or B.S. in geography/M.S. in informatics with a geoinformatics subprogram enables undergraduate students majoring in geography to begin work toward the M.S. while completing the bachelor's degree. Students admitted to the program may count 12 s.h. toward both the B.A. or B.S. and M.S. degree requirements. Offered by the Graduate College and the College of Liberal Arts and Sciences; see Geographical and Sustainability Sciences and the M.S. in informatics (geoinformatics subprogram) in the Catalog.

B.A. in German/M.A. in German

The combined B.A./M.A. program in German enables undergraduate students majoring in German to begin work toward the M.S. while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the B.A. and M.A. 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.

B.A. in Linguistics/M.A. in Linguistics (TESL Subprogram)

The combined B.A./M.A. program in linguistics with a TESL (Teaching English as a Second Language) subprogram enables students majoring in linguistics to begin work toward the M.A. while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of advanced coursework toward both the B.A. and M.A. degree requirements and may take selected graduate-level courses before they have been awarded the B.A. 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.

B.A. in Mathematics/M.A.T. (Mathematics Education Subprogram)

The combined B.A./M.A.T. program with a mathematics education subprogram enables Bachelor of Arts students majoring in mathematics to begin work toward the M.A.T. while completing the bachelor's degree. Students admitted to the program may count 18 s.h. of credit toward both the B.A. and M.A.T. 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, M.A.T. (mathematics education subprogram) in the Catalog.

B.A. in Psychology/M.P.H. (Community and Behavioral Health Subprogram)

The combined B.A. in psychology/M.P.H. program with a community and behavioral health subprogram enables Bachelor of Arts students majoring in psychology to begin work toward the M.P.H. while completing the bachelor's degree. Students admitted to the program may count 15 s.h. of credit toward both the B.A. and M.P.H. degree requirements. Offered by the Graduate College, the College of Liberal Arts and Sciences, and the College of Public Health; see the Master of Public Health, M.P.H. (community and behavioral health subprogram) in the Catalog.

B.A. or B.S. in Computer Science/M.C.S.

The combined B.A. or B.S. in computer science/M.C.S. program enables undergraduate students majoring in computer science to begin work toward the M.C.S. while completing the bachelor's degree. 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 M.C.S. degree requirements. Offered by the Graduate College and the College of Liberal Arts and Sciences; see Computer Science in the Catalog.

B.A. or B.S. in Environmental Policy and Planning/M.S. in Urban and Regional Planning

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

B.A. or B.S. in Informatics/M.S. in Informatics

The combined B.A. or B.S. in informatics/M.S. in informatics enables students majoring in informatics to begin work toward the M.S. while completing the bachelor's degree. Offered by the Graduate College and the College of Liberal Arts and Sciences; see the M.S. in informatics in the Catalog.

B.A. or B.S. in Public Health/M.P.H. (Policy Subprogram)

The combined B.A. or B.S. in public health/M.P.H. program with a policy subprogram enables students majoring in public health to begin work toward the M.P.H. while completing the bachelor's degree. Students admitted to the program may count 15 s.h. of credit toward both the B.A. or B.S. and M.P.H. degree requirements. Offered by the Graduate College and the College of Public Health; see the Master of Public Health, M.P.H. (policy subprogram) in the Catalog.

B.A. or B.S./M.A. in Library and Information Science

The combined B.A. or B.S./M.A. in library and information science enables undergraduate students to begin work

toward the M.A. while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the B.A. or B.S. and M.A. degree requirements. Offered by the Graduate College; see the M.A. in library and information science in the Catalog.

B.A. or B.S./M.P.Aff.

The combined B.A. or B.S./M.P.Aff. enables undergraduate students to begin work toward the M.P.Aff. while completing the bachelor's degree. Students admitted to the program may count 15 s.h. of credit toward both the B.A. or B.S. and M.P.Aff. degree requirements. Offered by the Graduate College; see the Master of Public Affairs, M.P.Aff. in the Catalog.

B.A. or B.S./M.S. in Business Analytics (Career Subprogram)

The combined B.A. or B.S./M.S. in business analytics with a career subprogram allows the following undergraduate students majoring in actuarial science (B.S.); applied physics (B.S.); biology (B.A. or B.S.); chemistry (B.A. or B.S.); computer science (B.A. or B.S.); criminology, law and justice (B.A. or B.S.); data science (B.S.); economics (B.A. or B.S.); English (B.A.); English and creative writing (B.A.); enterprise leadership (B.A.); ethics and public policy (B.A.); history (B.A.); informatics (B.A. or B.S.); interdepartmental studies (B.A.); journalism and mass communication (B.A.); linguistics (B.A.); mathematics (B.A. or B.S.); physics (B.A. or B.S.); political science (B.A. or B.S.); psychology (B.A. or B.S.); sociology (B.A. or B.S.); and statistics (B.S.) to begin work toward the M.S. in business analytics while completing their undergraduate degree. Students admitted to the program may count 14 s.h. of credit toward both the B.A. or B.S. and M.S. 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 M.S. in business analytics (career) in the Catalog.

B.A. or B.S./M.S. in Finance

The combined B.A. or B.S./M.S. in finance allows the following undergraduate students majoring in actuarial science (B.S.); applied physics (B.S.); biology (B.A. or B.S.); chemistry (B.A. or B.S.); computer science (B.A. or B.S.); criminology, law and justice (B.A. or B.S.); data science (B.S.); English (B.A.); English and creative writing (B.A.); enterprise leadership (B.A.); ethics and public policy (B.A.); history (B.A.); informatics (B.A. or B.S.); interdepartmental studies (B.A.); journalism and mass communication (B.A.); linguistics (B.A.); mathematics (B.A. or B.S.); physics (B.A. or B.S.); political science (B.A. or B.S.); psychology (B.A. or B.S.); sociology (B.A. or B.S.); and statistics (B.S.) to begin work toward the M.S. in finance while completing their undergraduate degree. Students admitted to the program may count 16 s.h. of credit toward both the B.A. or B.S. and M.S. 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 M.S. in finance in the Catalog.

B.B.A./M.S. in Business Analytics (Career Subprogram)

The combined B.B.A./M.S. 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 M.S. while completing the Bachelor of Business Administration degree. Students admitted to the program may count 14 s.h. of credit toward both the B.B.A. and M.S. 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 M.S. in business analytics (career) in the Catalog.

B.B.A./M.S. in Finance

The combined B.B.A./M.S. program in finance allows undergraduate students majoring in business administration to begin work toward the M.S. while completing the Bachelor of Business Administration degree. Students admitted to the program may count 16 s.h. of credit toward both the B.B.A. and M.S. 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 M.S. in finance in the Catalog.

B.S. in Biochemistry/Ph.D. in Biochemistry

The combined B.S. in biochemistry/Ph.D. program in biochemistry enables Bachelor of Science students majoring in biochemistry to begin work toward the Ph.D. while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the B.S. and Ph.D. 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.

B.S. in Exercise Science/M.S. in Athletic Training

The combined B.S. in exercise science/M.S. in athletic training enables students majoring in exercise science to begin work toward the M.S. while completing the bachelor's degree. Students admitted to the program may count 21 s.h. of credit toward both the B.S. and M.S. degree requirements. Offered by the Graduate College, the College of Liberal Arts and Sciences, and the Carver College of Medicine; see the M.S. in athletic training in the Catalog.

B.S. in Microbiology/Ph.D. in Microbiology

The combined B.S. in microbiology/Ph.D. in microbiology enables undergraduate students majoring in microbiology to begin work toward the Ph.D. while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the B.S. and Ph.D. degree requirements. Offered by the Graduate College, the College of Liberal Arts and Sciences, and the Carver College of Medicine; see the Department of Microbiology and Immunology in the Catalog.

B.S. in Statistics/M.P.H. (Biostatistics Subprogram) or M.S. in Biostatistics

The combined B.S. in statistics/M.P.H. program with a biostatistics subprogram enables Bachelor of Science students majoring in statistics to begin work toward the M.P.H. while completing the bachelor's degree. Students admitted to the M.P.H. program may count 15 s.h. of credit toward both the B.S. and the M.P.H. degree requirements. Students admitted

to the M.S. program may count 12 s.h. of credit toward both the B.S. and the M.S. degree requirements. Offered by the Graduate College, the College of Liberal Arts and Sciences, and the College of Public Health; see the B.S. in statistics, Master of Public Health, M.P.H. (biostatistics subprogram), and M.S. in biostatistics in the Catalog.

B.S. in Statistics/M.S. in Statistics

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

B.S. in Therapeutic Recreation/M.S. in Health and Human Physiology (Child Life Subprogram)

The combined B.S. in therapeutic recreation/M.S. in health and human physiology with a child life subprogram enables undergraduate students majoring in therapeutic recreation to begin work toward the M.S. while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the B.S. and M.S. degree requirements. Offered by the Graduate College and the College of Liberal Arts and Sciences; see Health and Human Physiology in the Catalog.

B.S.E. in Biomedical Engineering/M.P.H. (Occupational and Environmental Health Subprogram) or M.S. in Occupational and Environmental Health (Industrial Hygiene Subprogram)

The combined B.S.E. in biomedical engineering/M.S. in occupational and environmental health with an industrial hygiene subprogram enables undergraduate students majoring in biomedical engineering to begin work toward the M.S. in occupational and environmental health while completing the bachelor's degree. Students admitted to the M.P.H. program may count 15 s.h. of credit toward both the B.S.E. and the M.P.H. degree requirements. Students admitted to the M.S. program may count 15 s.h. of credit toward both the B.S.E. and the M.S. degree requirements. Offered by the Graduate College, the College of Engineering, and the College of Public Health; see the B.S.E. in biomedical engineering, Master of Public Health, M.P.H. (occupational and environmental health subprogram), and the M.S. in occupational and environmental health (industrial hygiene subprogram) in the Catalog.

B.S.E. in Biomedical Engineering/M.S. in Biomedical Engineering

The combined B.S.E./M.S. program in biomedical engineering enables undergraduate students majoring in biomedical engineering to begin work toward the M.S. while completing the bachelor's degree. Students admitted to the program may count 12 s.h. of credit toward both the B.S.E. and M.S. 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 B.S.E. degree. Offered by the Graduate College and the College of

Engineering; see the Roy J. Carver Department of Biomedical Engineering in the Catalog.

B.S.E. in Chemical Engineering/M.S. in Chemical and Biochemical Engineering

The combined B.S.E. in chemical engineering/M.S. in chemical and biochemical engineering enables undergraduate students majoring in chemical engineering to begin work toward the M.S. 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 B.S.E. and M.S. degree requirements. Offered by the Graduate College and the College of Engineering; see Chemical and Biochemical Engineering in the Catalog.

B.S.E. in Chemical Engineering/M.S. in Civil and Environmental Engineering

The combined B.S.E. in chemical engineering/M.S. in civil and environmental engineering enables undergraduate students majoring in chemical engineering to begin work toward the M.S. 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 B.S.E. and M.S. degree requirements. They also may count an additional 3 s.h. toward the M.S. degree requirements before they have been awarded the B.S.E. degree. Offered by the Graduate College and the College of Engineering; see the B.S.E. in chemical and biochemical engineering and the M.S. in civil and environmental engineering in the Catalog.

B.S.E. in Civil Engineering/M.S. in Civil and Environmental Engineering

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

B.S.E. in Civil Engineering/M.S. in Urban and Regional Planning

The combined B.S.E. in civil engineering/M.S. in urban and regional planning enables undergraduate students majoring in civil engineering to begin work toward the M.S. while completing the bachelor's degree. Students admitted to the program may count 18 s.h. of credit toward both the B.S.E. and M.S. 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 B.S.E. degree. Offered by the Graduate College and the College of Engineering; see the B.S.E. in civil and environmental engineering and the M.S. in urban and regional planning in the Catalog.

B.S.E. in Electrical Engineering/M.S. in Electrical and Computer Engineering

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

B.S.E. in Industrial Engineering/M.S. in Industrial Engineering

The combined B.S.E./M.S. program in industrial engineering enables undergraduate students majoring in industrial engineering to begin work toward the M.S. while completing the bachelor's degree. Students admitted to the program may count 9 s.h. of coursework toward both the B.S.E. and M.S. degree requirements. They also may count an additional 3 s.h. toward the M.S. degree requirements, attend one of the department's graduate seminars, and work on master's thesis research before they have been awarded the B.S.E. degree. Offered by the Graduate College and the College of Engineering; see Industrial and Systems Engineering in the Catalog.

B.S.E. in Mechanical Engineering/M.S. in Civil and Environmental Engineering

The combined B.S.E. in mechanical engineering/M.S. in civil and environmental engineering enables undergraduate students majoring in mechanical engineering to begin work toward the M.S. 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 B.S.E. and M.S. degree requirements. They also may count an additional 3 s.h. toward the M.S. degree requirements before they have been awarded the B.S.E. degree. Offered by the Graduate College and the College of Engineering; see the B.S.E. in mechanical engineering and the M.S. in civil and environmental engineering in the Catalog.

B.S.E. in Mechanical Engineering/M.S. in Mechanical Engineering

The combined B.S.E./M.S. program in mechanical engineering enables undergraduates majoring in mechanical engineering to begin work toward the M.S. degree while completing the bachelor's degree. Students admitted to the program may count 12 s.h. toward both the B.S.E. and M.S. degree requirements. They also may attend a graduate seminar and participate in master's thesis research before they have been awarded the B.S.E. degree. Offered by the Graduate College and the College of Engineering; see Mechanical Engineering in the Catalog.

B.S.N. in Nursing (RN Subprogram)/D.N.P. in Nursing

The combined B.S.N. in nursing (RN subprogram)/D.N.P. in nursing enables students to begin work toward the D.N.P. while completing the bachelor's degree. Students admitted to the program may count 9 s.h. of credit toward both the B.S.N. and D.N.P. degree requirements. Offered by the Graduate

College and the College of Nursing, see the Bachelor of Science in Nursing, B.S.N. (nursing-RN subprogram) and the Doctor of Nursing Practice, D.N.P. in the Catalog.

Au.D./Ph.D. in Speech and Hearing Science

The combined Au.D./Ph.D. program in speech and hearing science 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.

J.D./Graduate Degrees

The College of Law and several Graduate College programs and schools have developed combined programs in which students pursue the Juris Doctor (J.D.) 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, J.D. in the Catalog.

M.A. in Library and Information Science/Certificate in Book Studies/Book Arts and Technologies

The combined M.A. 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 M.A. in library and information science and the Certificate in Book Studies/Book Arts and Technologies in the Catalog.

M.A. in Library and Information Science/M.F.A. in Book Arts

The combined M.A. in library and information science/M.F.A. in book arts 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 M.A. in library and information science and the M.F.A. in book arts in the Catalog.

M.D./Ph.D. (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.