

University of Minnesota Board of Regents
Mission Fulfillment Committee
May 11, 2023
Public Review Consent Report: Academic Program Changes

I. Request for Approval of New Academic Plans

College of Food, Agricultural and Natural Resource Sciences (Twin Cities campus)—requests approval to create a Master of Professional Studies in Dietetics, effective fall 2023. This degree focuses on coursework that combines advanced knowledge of nutrition, dietetics, and evidence-based practice. Graduates will be positioned to interpret and communicate evidence-based nutrition concepts to socioeconomically and culturally diverse audiences including content experts, educators, media, patients/clients, and the public. The MPS prepares students for the Entry-level Registration Examination for Dietitians, and meets new regulation standards implemented by the program accrediting body effective January 2024. The Dietetics MPS is considered the terminal degree for registered dietitians and will replace the existing Nutritional Sciences MPS degree.

College of Science and Engineering (Twin Cities campus)—requests approval to create a Master of Science in Analytics, effective fall 2023. [Pending Revised Name] The Master of Science in Analytics (MSA) is a professional master's degree placing a strong emphasis on the optimization and data-driven decision-making aspects of analytics, while also ensuring students are well versed in descriptive and predictive analytics. The proposed program will convert the existing Analytics track of the Masters of Science in Industrial and Systems Engineering (ISyE) degree to a standalone degree, to attract a broader audience of students who may not be familiar with ISyE. Applications of the degree include healthcare, energy, transportation and logistics, retail pricing, supply chain management, manufacturing, military planning, and service operations management. The program will be offered in a majority face-to-face/classroom modality and makes use of existing courses and resources.

Medical School (Twin Cities campus)—requests approval to create a family medicine rural training residency, effective summer 2025. The Medical School's Department of Family Medicine and Community Health requests approval to establish a rural residency training track in Family Medicine in partnership with CentraCare. The University of Minnesota/CentraCare Willmar Rural Family Medicine Residency will consist of one year of training in an established urban residency program and then two years of training in a rural health system in Willmar. There will be two residents per year for a total of six residents in the program. The Willmar rural training track will address the current and projected shortage in the rural healthcare workforce in Minnesota by training family physicians who will form the foundation of healthcare delivery and help build effective bridges to specialty care as needed for rural patients. The program will have direct financial support from via CentraCare.

School of Public Health (Twin Cities campus)—requests approval to create a Master of Science in Occupational Hygiene degree, effective fall 2024. The Division of Environmental Health Sciences proposes establishing a Master of Science degree in Occupational Hygiene. This represents curricular restructure from the current Industrial Hygiene subplans in the MS and the MPH degrees in Environmental Health to a stand-alone MS degree. The curriculum remains the same for the standalone degree as was in the former program track/subplan. This restructure is required by the Council on Education for Public Health, the organization that accredits the School of Public Health. The Occupational Hygiene program focuses on the health and safety of people at work, the community at large, and the environment. Specific concerns are with the recognition, evaluation, and control of potential workplace hazards, including chemical, physical, and biological agents. The program will be offered in a majority face-to-face/classroom modality and makes use of existing courses and resources.

School of Public Health (Twin Cities campus)—requests approval to create a Doctor of Philosophy in Occupational Hygiene degree, effective fall 2024. The Division of Environmental Health Sciences proposes establishing a Doctor of Philosophy in Occupational Hygiene. This represents a curricular restructure from the current Industrial Hygiene subplan in the PhD in Environmental Health to a stand-alone PhD. The curriculum remains the same for the standalone degree as was in the former program track/subplan. This restructure is required by the Council on Education for Public Health, the organization that accredits the School of Public Health. The Occupational Hygiene program focuses on the health and safety of people at work, the community at large, and the environment. Specific concerns are with the recognition, evaluation, and control of potential workplace hazards, including chemical, physical, and biological agents. The program will be offered in a majority face-to-face/classroom modality and makes use of existing courses and resources.

College of Biological Sciences (Twin Cities campus)—requests approval to create an undergraduate minor in Biotechnology, effective fall 2023. The proposed minor allows students to combine a broad range of scientific areas in biotechnology with specific sets of professional skills to prepare them for the biotechnology workforce. Courses in the minor were selected from across the University and give students interdisciplinary experience in: project management and technical writing; advanced quantitative skills; biotechnology-relevant scientific areas; communication and business-related skills; and an experiential component that connects students with Directed Research in biotechnology, a Biodesign Challenge project, or an industrial internship. The minor will be offered in a primarily classroom (in-person) modality using existing courses and resources from across the University.

Carlson School of Management (Twin Cities campus)—requests approval to create an undergraduate minor in Entrepreneurship, effective fall 2023. The Entrepreneurship minor will be open to undergraduate students whose primary college is not CSOM and enables students to build upon a foundation of basic entrepreneurial knowledge and skills with additional courses that allow for application within a chosen discipline. This is a flexible University-wide minor that

integrates applied entrepreneurship coursework within a specific discipline with a broader range of entrepreneurial skills and concepts with wide application across multiple career tracks. The minor will be offered in a primarily classroom (in-person) modality using existing courses and resources from across the University.

College of Education and Human Development (Twin Cities campus)—requests approval to create an undergraduate minor in Special Education, effective fall 2023. The Special Education minor is designed to meet the needs of students who are interested in working with children, including those interested in elementary and secondary teaching, counseling, family social science, social work, occupational and physical therapy, mental health professionals, and those interested in neuroscience fields, among others. Emphasis includes implementing evidence-based practices by examining students' areas of strength and challenges and using data to determine effective academic, functional, and social-emotional treatment plans to ensure that persons with special needs meet their full potential. The program will be offered in a majority face-to-face/classroom modality and makes use of existing courses and resources.

Swenson College of Science and Engineering (Duluth campus)—requests approval to create a Bachelor of Science degree in Earth and Environmental Science, effective fall 2023. The B.S. offers students the opportunity to customize learning through specialized subplan tracks within the degree in Environmental Science, Geology, and/or Hydrology; or take a flexible approach with the General subplan. The program will be offered in a majority face-to-face/classroom modality and makes use of existing courses and resources.

Swenson College of Science and Engineering (Duluth campus)—requests approval to create a Bachelor of Arts degree in Earth and Environmental Science, effective fall 2023. The B.A. offers students a foundation in the basic sciences and requires a second field of study (e.g. minor, major, degree) selected by the student. The program will be offered in a majority face-to-face/classroom modality and makes use of existing courses and resources.

II. Request for Approval of Changed Academic Plans

College of Education and Human Development (Twin Cities campus)—requests approval to change the name of the Second Language Education subplan in the Master of Education in Curriculum and Instruction to Multilingual Education, effective fall 2023. The subplan name is being updated to reflect current professional language.

College of Education and Human Development (Twin Cities campus)—requests approval to change the name of the Special Education Licensure Subplan in the Bachelor of Science in Special Education to Special Education Licensure-ABS, effective fall 2023. The subplan name is being updated to clarify that graduates of this subplan receive a license as an Academic and Behavioral Strategist (ABS) to teach in the field of special education in grades kindergarten through age 21.

College of Education and Human Development (Twin Cities campus)—requests approval to add a new Special Education-ECSE subplan to the Bachelor of Science in Special Education, effective fall 2023. This new subplan is for students who intend to become special education teachers at the completion of their degree. Graduates of this track receive a license in Early Childhood Special Education (ECSE), preparing them to work with infants, toddlers, and preschoolers (through age 6) with delays/disabilities and their caregivers.

College of Food, Agricultural and Natural Resource Sciences (Twin Cities campus)—requests approval to change the name of the Master of Science in Agricultural Education to Agricultural Education and Communication, effective fall 2023. This name change better reflects the degree, which is designed to advance knowledge about agriculture, food, and natural resources while developing professional skills within the context of education and communication.

College of Food, Agricultural and Natural Resource Sciences (Twin Cities campus)—requests approval to change the name of the Initial Licensure subplan to the Agriculture Education Initial Licensure subplan in the Master of Science in Agricultural Education and Communication, effective fall 2023. The new subplan name clearly defines the licensure aspect of the curricular track for students in the degree program, as recommended by the program’s accrediting body.

College of Food, Agricultural and Natural Resource Sciences (Twin Cities campus)—requests approval to add an Advanced Studies and Research subplan to the Master of Science in Agricultural Education and Communication, effective fall 2023. The new subplan differentiates a curricular track for those who are seeking career advancement post-licensure.

College of Liberal Arts (Twin Cities campus)—requests approval to change the name of the Classical and Near Eastern Studies Master of Arts and Doctor of Philosophy degrees to Classical and Near Eastern Religions and Cultures, effective fall 2023. The department changed its name and is now requesting to change the name of its degree programs to align. This is a name change only, not a change in program requirements.

Rochester campus and the College of Science and Engineering (Twin Cities campus)—request approval to create an integrated BSHS/MS subplan, effective fall 2023. The Rochester campus (UMR) and the Bioinformatics and Computational Biology (BICB) program in the College of Science and Engineering propose to offer an integrated Bachelor of Science in Health Sciences (UMR) and Master of Science in BICB (CSE) degree. Students admitted to the integrated degree program subplan take 10 BICB credits during their senior undergraduate year and complete the MS by taking the remaining credits as a full-time graduate student during their fifth year. The program will be offered in a majority face-to-face/classroom modality and makes use of existing courses and resources.

College of Arts, Humanities, and Social Sciences (Duluth campus)—requests approval to create two new subplans in the undergraduate Bachelor of Arts in History, effective fall 2023. As part of a curricular restructure, the program proposes replacing the General History subplan

track with the Global History subplan track and to add two subplan tracks in History and Social Science, and Specialist History. This reconfiguration provides students with options to customize their learning.

Swenson College of Science and Engineering (Duluth campus) and the Medical Laboratory Sciences Program (Twin Cities)—request approval to add a new Medical Laboratory Science subplan to both the Bachelor of Arts and the Bachelor of Science degrees in Biology, effective fall 2023. This new Medical Laboratory Science subplan prepares students for careers in health care, including nursing, dentistry, pharmacy, physician assistant, and a diverse array of health care technician programs. Students will take targeted coursework to prepare for their application to the University of Minnesota Twin Cities Medical Laboratory Science (MLS) Certificate program in the College of Pharmacy. Students who complete the full certificate will be prepared to perform complex testing in laboratories requiring advanced technical skills and problem-solving abilities that are in demand in hospitals, clinics, and doctors' offices as well as in research, forensic, and reference laboratories. The program will be offered in a majority face-to-face/classroom modality and makes use of existing courses and resources.

III. Request for Approval of Discontinued Academic Plans

College of Food, Agricultural and Natural Resource Sciences (Twin Cities campus)—requests approval to discontinue the Nutritional Sciences MPS degree, effective summer 2023. The degree is being discontinued due to changes in specialized accreditation requirements resulting in the proposed Dietetics MPS degree. Students will be directed to the new Dietetics MPS degree proposed in this same report.

College of Arts, Humanities, and Social Sciences (Duluth campus)—requests approval to discontinue the undergraduate minor in Lesbian, Gay, Bisexual, Transgender, and Queer Studies, effective summer 2023. The Lesbian, Gay, Bisexual, Transgender, and Queer Studies minor is being discontinued due to lack of faculty to deliver the minor. Students will be directed to the Women, Gender, and Sexuality Studies minor.