

**University of Minnesota Board of Regents
Mission Fulfillment Committee
May 13, 2021
Consent Report: Public Review**

I. Request for Approval of New Academic Programs

Carlson School of Management (Twin Cities campus)—Create an M.B.A. degree in Management Science

The Carlson School of Management on the Twin Cities campus requests approval to create a master of business administration degree in Management Science, effective fall 2021. The M.B.A. in Management Science is a full-time degree that covers traditional management topics across business disciplines while focusing on developing students' capabilities in a specific set of skills including statistical modeling, programming, forecasting, and operations research techniques to better understand business organizational performance. The curriculum includes a variety of mathematical, statistical modeling, and testing techniques. Peer colleges are offering similar STEM-focused programs and the industry is interested in hiring graduates with this expertise. Students will be enrolled in the existing full time M.B.A. core with an additional focused menu of STEM credits. The proposed program requires no new resources or course development given the extensive coverage of management science content in many existing CSOM courses. Current students and candidates have expressed a strong desire for this proposed program offering.

Carlson School of Management (Twin Cities campus)—Create a post-baccalaureate certificate in Entrepreneurship and Innovation

The Carlson School of Management on the Twin Cities campus requests approval to create a post-baccalaureate certificate in Entrepreneurship and Management, effective fall 2021. The certificate program brings together a set of courses focused on idea generation and opportunity identification, business planning, funding, product development and testing, and managing a business. The certificate builds upon the Carlson School's current MBA portfolio by offering a short-term credentialing offering that can be completed in-person or online and is in response to articulated student needs in the business sector for specialized credentials more closely aligned to career goals and development of specific competencies. The certificate makes use of existing courses and resources.

College of Veterinary Medicine (Twin Cities campus) and the College of Food, Agricultural and Natural Resource Sciences (Twin Cities campus)—Create a post-baccalaureate certificate in Poultry Health

The College of Veterinary Medicine and the College of Food, Agricultural and Natural Resource Sciences on the Twin Cities campus requests approval to create a post-baccalaureate certificate in Poultry Health, effective fall 2021. The proposed certificate is a 12-credit, 12-month online program designed for early- to mid-career professionals interested in advanced understanding of poultry health and disease. The certificate focuses on basic understanding of the avian host as it relates to poultry production systems, the technologies and tools to assess health, and diagnosing and addressing disease. The enhanced knowledge and hands-on experience with applied and/or

molecular tools will position graduates to deal with commonly encountered and investigated issues that arise in poultry production and allied industries. The certificate will be the only program of its kind in the US, and is unique in its focus on combining basic poultry science with emerging molecular training for poultry professionals. In addition to the online curriculum, elective experiential credits are offered by the Mid-Central Research and Outreach Center in Willmar, MN. The proposed certificate is a partnership between two colleges and makes use of existing resources.

College of Education and Human Development (Twin Cities campus)—Create an undergraduate certificate in Sales

The College of Education and Human Development on the Twin Cities campus requests approval to create an undergraduate certificate in Sales, effective fall 2021. This credit-bearing certificate provides a specialized credential for University of Minnesota undergraduate students to build their professional sales acumen, and improve communication and interpersonal skills while establishing important professional connections within the professional sales industry. The curriculum includes coursework on data driven decision-making, project management, and marketing promotion along with experiential learning simulations for students to refine sales acumen and demonstrate excellence throughout each phase of the traditional selling cycle. Enrollment is anticipated to be mainly from Human Resource Development and Business and Marketing Development majors within the Organizational Leadership, Policy, and Development department who want an added specialized credential. The Carlson School of Management was consulted in the development of this proposal and is supportive as it differentiates from the training they offer through its focus on education and human development. The certificate is available to all University of Minnesota students who have completed a minimum of 60 undergraduate credits and desire an additional academic credential outside of their traditional baccalaureate degree plan. The certificate is offered in an in-person format and will make use of existing courses and resources.

College of Liberal Arts (Duluth campus)—Create an undergraduate certificate in Creative Writing

The College of Liberal Arts on the Duluth campus requests approval to create an undergraduate certificate in Creative Writing, effective fall 2021. The proposed program offers students the opportunity to develop their writing ability in a range of creative genres, including fiction, poetry, creative nonfiction, and new media writing and is a flexible way for students with any major to develop creativity and a passion for writing. Courses in the certificate sequence provide a series of student-centered workshops in which writers receive constructive feedback from peers and instructors on their work. At the end of the program, students prepare a portfolio of their work and, with the guidance of a faculty advisor, craft a letter that introduces their work to prospective literary agents, editors, and publication venues. The program offers a formal structure in which students from any discipline can develop their creative writing talents and engage with the creative humanities. Prospective students must have completed a minimum of 30 credits to enroll. The proposed certificate makes use of existing courses and resources.

Crookston campus—Create a B.S. degree in Applied Agricultural Communication Studies

The Crookston campus requests approval to create a bachelor of science degree in Applied Agricultural Communication Studies, effective fall 2021. The proposed program prepares

students to be effective communicators for agribusinesses, commodity groups, agricultural advocacy agencies, and agricultural communication organizations. Program graduates may hold jobs as Public Relations Specialists, Agricultural Lobbyists, Agriculture Journalists, Agricultural Literacy and Advocacy Specialists, Communication Specialists, and Event Planners. The proposed program will provide an opportunity for students with a background in agriculture, either through the completion of a two-year associate's degree in an agriculture field or 30 credits of agriculture-focused coursework, to apply the field of agriculture to communication. All of the courses in the proposed degree core requirements currently exist and are offered in both in-person and online formats.

Crookston campus—Create an undergraduate minor in Graphic Design

The Crookston campus requests approval to create an undergraduate minor in Graphic Design, effective fall 2021. The proposed minor complements various majors including communication, marketing, information technology management, and software engineering, and with the increase in the digital world, more graduates of these major programs are expected to have basic graphic design skills. Students will gain hands-on experience with the industry-standard tools and learn theories and principles of layout and design. Interest in graphic design has been expressed from current students and recent graduates. The minor will be offered to students in both in-person and online formats and makes use of existing courses and resources.

Crookston campus—Create an undergraduate minor in Leadership

The Crookston campus requests approval to create an undergraduate minor in Leadership, effective fall 2021. The proposed minor will complement all majors and offers coursework that will focus on knowledge related to many skills including communication, problem solving, teamwork, and initiative. The addition of this minor will offer UMC students an opportunity that is structured similarly to the successful leadership minor on the Twin Cities campus, offering a flexible curriculum related to any major in order to help students frame their leadership development. Each student will be able to design their curriculum by choosing electives of interest or electives coinciding with their major. A culminating capstone course will direct students to incorporate accumulated knowledge and apply their learning, research, and scholarly work for the benefit of the campus and the surrounding community. The minor is modeled after The minor will be offered to students in both in-person and online formats and makes use of existing courses and resources.

Crookston campus—Create an undergraduate minor in Programming

The Crookston campus requests approval to create an undergraduate minor in Programming, effective fall 2021. The proposed minor consists of programming courses in information technology management, software engineering, and mathematics that support understanding of software development skills and will provide students with opportunities for problem-solving, structured and creative thinking, and hands-on experience with a broad range of software languages. Students in the minor will apply current theories, models, and techniques of programming that provide a basis for problem identification and analysis, software design, development, implementation, verification, and documentation. The minor will be offered to students in both in-person and online formats and makes use of existing courses and resources.

II. Request for Approval of Changed Academic Programs

College of Education and Human Development (Twin Cities campus)—Create an early and elementary education subplan in the Early Childhood B.S. degree

The College of Education and Human Development on the Twin Cities campus requests approval to create an early and elementary education subplan in the Early Childhood bachelor of science degree, effective fall 2021. Students participating in this subplan option will take coursework to prepare for entry into the master of education (M.Ed.) in Early Childhood Education with a recommendation for an initial license in early childhood education (birth-grade 3) and an additional license in elementary education (Kindergarten-grade 6).

College of Education and Human Development (Twin Cities campus)—Change the name of the undergraduate minor in Health and Wellness Promotion to Physical Activity and Health Promotion

The College of Education and Human Development on the Twin Cities campus requests approval to change the name of the undergraduate minor in Health and Wellness Promotion to Physical Activity and Health Promotion, effective fall 2021. This change will better align the minor with the previously approved Physical Activity and Health Promotion B.S. and is consistent with the program's emphasis.

College of Food, Agricultural and Natural Resource Sciences (Twin Cities campus) — Change the name of the B.S. degree and undergraduate minor in Food Systems to Sustainable Agriculture and Food Systems

The College of Food, Agricultural and Natural Resource Sciences on the Twin Cities campus requests approval to change the name of the bachelor of science degree and undergraduate minor in Food Systems to Sustainable Agriculture and Food Systems, effective fall 2021. The proposed name change reflects current curricular alignment and changes in the field and seeks to improve student recognition.

The College of Liberal Arts (Twin Cities campus)—Discontinue the B.A. in Journalism/M.A. in Health Communications Integrated Degree Program option

The College of Liberal Arts on the Twin Cities campus requests approval to discontinue the bachelor of arts in Journalism and master of arts in Health Communications undergraduate-to-master's integrated degree program option due to low interest, effective spring 2021. The final student taking part in this optional subplan is scheduled to graduate spring 2021.

Medical School (Twin Cities campus)—Change name of the Vascular Interventional Radiology-Independent Residency to the Interventional Radiology-Independent Residency

The Medical School on the Twin Cities campus requests approval to change the name of the Vascular Interventional Radiology-Independent Residency to the Interventional Radiology-Independent Residency, effective summer 2021. The name change being requested for the residency program reflects the Accreditation Council for Graduate Medical Education (ACGME) given name and is recognized by the residency MATCH program.

Medical School (Twin Cities campus)—Change name of the Family Medicine St. Joseph's Hospital Residency to the Family Medicine Woodwinds Hospital Residency

The Medical School on the Twin Cities campus requests approval to change the name of the Family Medicine St. Joseph's Hospital Residency to the Family Medicine Woodwinds Hospital Residency, effective summer 2021. This name change is being requested to accurately reflect the new primary clinical site for the program.

School of Public Health (Twin Cities campus)—Deliver the graduate minor in American Indian and Public Health and Wellness Minor partially online

The School of Public Health on the Twin Cities campus requests approval to deliver the graduate minor in American Indian and Public Health and Wellness partially online, effective spring 2021. Online delivery allows the college to provide broader alternatives to current and prospective students.

School of Public Health (Twin Cities campus) and the Rochester campus—Create an Integrated Degree Program option in the B.S. degree in Health Sciences and M.P.H. degree in Environment Health

The School of Public Health on the Twin Cities campus and the Rochester campus (UMR) request approval to create a B.S./M.P.H. Integrated Degree Program option in the bachelor of science in Health Sciences degree (Rochester campus) and the master of public health in Environmental Health degree at the School of Public Health (Twin Cities campus), effective fall 2021. Integrated degree programs allow University of Minnesota undergraduate students early admission into a specified master's degree program and an opportunity to complete master's coursework as an undergraduate student and use those courses toward the master's degree.

III. Request for Approval of Discontinued Academic Programs

The Graduate School, College of Science and Engineering, and Medical School (Twin Cities campus)—Discontinue the graduate minor in Biophysical Sciences and Medical Physics

The Graduate School, College of Science and Engineering, and the Medical School on the Twin Cities campus request approval to discontinue the graduate minor in Biophysical Sciences and Medical Physics, effective summer 2021. The corresponding major degree program was previously discontinued and replaced by a newly created and approved Medical Physics program. There are currently no students enrolled in this minor.

Medical School (Twin Cities campus) —Discontinue Fairview/MOSMI Sports Medicine Fellowship

The Medical School on the Twin Cities campus seeks approval to discontinue the Fairview/Minnesota Orthopedic Sports Medicine Institute (MOSMI) Fellowship, effective July 31, 2022. As a result of the structural merging and creation of the Joint Clinical Enterprise between Fairview Southdale and the University of Minnesota, the University became the sponsoring institution for the Fairview/MOSMI Sports Medicine Fellowship. The University currently sponsors another Sports Medicine Orthopedic Fellowship (UMN/TRIA Orthopedic Program) and has agreed to serve as the sponsoring institution for the Fairview/MOSMI Sports Medicine Fellowship for the academic year 2021-2022 so the current fellows can complete their matched training program. The University of Minnesota will discontinue the Fairview/MOSMI

Sports Medicine Fellowship after July 31, 2022 and sponsor only the UMN/TRIA Orthopedic Sports Medicine Fellowship program after this point in time. No new trainees are being recruited to the Fairview/MOSMI Sports Medicine Fellowship.

College of Continuing and Professional Studies (Twin Cities campus)—Discontinue the undergraduate certificate in Nanotechnology Practice

The College of Continuing and Professional Studies on the Twin Cities campus requests approval to discontinue the undergraduate certificate in Nanotechnology Practice, effective summer 2021. The request to discontinue is due to lack of enrollment. There are no current students pursuing this certificate.