

**University of Minnesota Board of Regents  
Mission Fulfillment Committee  
February 11, 2021  
Public Review Consent Report**

**I. Request for Approval of New Academic Programs**

**College of Education and Human Development (Twin Cities campus)—Create undergraduate minor in Educational Psychology Research**

The College of Education and Human Development on the Twin Cities campus requests approval to create an undergraduate minor in Educational Psychology Research, effective fall 2021. Students participating in this minor will gain an understanding of basic research methodologies, how to utilize the library system, and will participate in a faculty directed research contract that spans two semesters, expanding their knowledge on research methodology in practice. Students will also learn statistical methods that will aid in understanding various statistical analyses encountered in both the research experience and in the literature, and take part in an Undergraduate Research Symposium. The minor is open to any undergraduate student in the university. The new minor makes use of existing courses and resources, sequencing the courses and experiences in a unique way to support the learning objectives of the minor.

**College of Continuing and Professional Studies (Twin Cities campus)—Create undergraduate credit Certificate in Environmental Health and Safety**

The College of Continuing and Professional Studies on the Twin Cities campus requests approval to create an undergraduate credit Certificate in Environmental Health and Safety (EHS), effective summer 2021. The addition of a EHS Certificate incorporates a new credential and coursework within the Bachelor of Applied Science major in Construction Management. It will provide an option for current members of the construction management workforce who are interested in environment, health, and safety areas and includes content in the following topics: environmental health principles, industry hygiene, and health and safety planning and management. More EHS specialists will be needed as advancements in technology, regulations, and public expectations increase. The Certificate will equip professionals with the knowledge and skills necessary to successfully manage and administer safety programs. The five required courses are taught online and the curriculum focuses on technical information, critical thinking skills, legal and ethical concepts, effective communication and interpersonal skills, management principles, and the ability to work as a member or leader of a team. The Certificate makes use of existing resources.

**College of Education and Human Service Professions on the Duluth campus—Create undergraduate minor in Health and Wellness Coaching**

The College of Education and Human Service Professions on the Duluth campus requests approval to create an undergraduate minor in Health and Wellness Coaching, effective fall 2021. This free-standing minor is part of the Department of Applied Human Sciences and makes use of existing courses within the public health major. A health/wellness coach is a supportive mentor who assists individuals in lifestyle changes that meet their unique needs. Students will learn to assess the current health/wellness needs of clients through coursework such as Human Nutrition,

Health and Wellness Strategies for Life, and Facilitating Healthy Lifestyles. According to the Bureau of Labor Statistics, health educator jobs are projected to increase by 16 percent by 2026 compared to the average occupational growth of 7 percent. Health/Wellness coaches have opportunities for career growth in private or group practice, fitness center practice, and coordinating or administering corporate wellness programs. This health/wellness coaching program also meets the standards for the National Board for Health and Wellness Coaching certification exam. The proposed minor makes use of existing resources.

**Swenson College of Science and Engineering on the Duluth campus—Create undergraduate minor in Quality Science**

The Swenson College of Science and Engineering on the Duluth campus requests approval to create an undergraduate minor in Quality Science, effective spring 2021. The minor is designed to accelerate the readiness of students entering the life science industries by preparing them with critical-thinking skills gained through science-based quality education and real-world experiences. The pharmaceutical, medical device, biotech, animal health, and consumer goods industries work to promote and protect patient health around the world. Products in these industries must consistently meet the intended quality in a way that is supported by scientific research. Product safety and efficacy is grounded in Quality Science; however, until now students have not had an opportunity to obtain education in Quality Science specific to, and prior to entering these industries. Minnesota is a national hub for biotech industries. This program will serve our region first. The minor leverages existing courses in business, chemical engineering, chemistry, and biology and was developed in collaboration with the Departments of Accounting and Finance, Chemical Engineering, Chemistry and Biochemistry, and Biology.

## **II. Request for Approval of Changed Academic Programs**

**College of Continuing and Professional Studies (Twin Cities campus)—Deliver the undergraduate minor in Construction Management completely online**

The College of Continuing and Professional Studies on the Twin Cities campus requests approval to deliver the undergraduate minor in Construction Management completely online, effective spring 2021. Online delivery allows the college to provide broader alternatives to current and prospective students.

**College of Continuing and Professional Studies (Twin Cities campus)—Create an Environmental Health and Safety subplan in the undergraduate minor in Construction Management**

The College of Continuing and Professional Studies on the Twin Cities campus requests approval to create an Environmental Health and Safety subplan in the undergraduate minor in Construction Management, effective spring 2021. Similar to the proposed EHS Certificate, the subplan in the minor will provide students with a specialized option to study environmental health principles, industry hygiene, and health and safety planning and management and equip graduates with the knowledge and skills necessary to successfully manage and administer safety programs. The five required courses are taught online and the curriculum focuses on technical information, critical thinking skills, legal and ethical concepts, effective communication and interpersonal skills, management principles, and the ability to work as a member or leader of a team. The subplan option makes use of existing courses and resources.

**College of Education and Human Development (Twin Cities campus)—Deliver the undergraduate and post baccalaureate Certificate in Autism Spectrum Disorder completely online**

The College of Education and Human Development on the Twin Cities campus requests approval to deliver the undergraduate and post baccalaureate Certificate programs in Autism Spectrum Disorder completely online, effective fall 2021. The college plans for and allocates resources for online delivery options. Online delivery allows the college to provide broader alternatives to current and prospective students.

**College of Liberal Arts (Duluth campus)—Change the name of the College of Liberal Arts to the College of Humanities, Arts, and Social Sciences**

*[A fuller description of this proposed name change will appear in the docket]*

The College of Liberal Arts on the Duluth campus requests approval to change its name to the College of Humanities, Arts, and Social Sciences, effective July 1, 2021. This name change reflects the merger of two colleges on the Duluth Campus, the School of Fine Arts and the College of Liberal Arts, that took effect in the summer of 2020. The proposed name was developed through a comprehensive consultative process involving faculty, staff, and students within the ten departments and associated institutes, centers, and museums of the newly combined college. The new name reflects the College's identity as a combined unit and avoids naming duplication with other colleges in the University of Minnesota system.

**Morris campus—Change the name of the B.A. degree and undergraduate minor in Medieval Studies to Medieval and Ancient Studies**

The Morris campus requests approval to change the name of the Bachelor of Arts degree and undergraduate minor in Medieval Studies to Medieval and Ancient Studies, effective fall 2021. Medieval and Ancient Studies (MAS) is an interdisciplinary major and minor in the humanities division. Medieval Studies examines primarily European literature and culture from roughly 500 to 1500 CE. Ancient Studies examines the languages, literatures, cultures, and material remains of human societies from roughly 3000 BCE to 500 CE. The two overlapping fields include anthropology, archaeology, art history, English, history, math, philosophy, political science, theatre, music, world languages, and areas such as gender and religion with historical roots in ancient and classical periods and Byzantine cultures. The new name more accurately reflects curriculum and learning objectives.

**Morris campus—Discontinue the French K-12 subplan in the B.A. degree in Secondary Education**

The Morris campus requests approval to discontinue the French K-12 subplan in the Bachelor of Arts degree in Secondary Education, effective fall 2021. Field experience opportunities which meet state requirements have diminished to the point where the program is now unable to support teacher candidates in this subplan. In collaboration with advisors from the French discipline, Secondary Education faculty will design a pathway or plan to complete the French K-12 program.

**Crookston campus—Discontinue the Bio-Fuels and Renewable Energy Technology, and Power and Machinery subplans in the B.S. degree in Agriculture and Systems Management.**

The Crookston campus requests approval to discontinue the Bio-Fuels and Renewable Energy Technology, and Power and Machinery subplans in the B.S. degree in Agriculture and Systems Management, effective spring 2021. The request to discontinue is due to low enrollment. The programs are no longer accepting students in these subplans. A transition plan is in place for the three remaining students in the Power and Machinery subplan.

**Crookston campus—Discontinue the Aviation subplan in the B.S degree in Natural Resources**

The Crookston campus requests approval to discontinue the Aviation subplan in the Bachelor of Science degree in Natural Resources, effective summer 2021. The subplan will be discontinued due to the discontinuation of the B.S. degree in Aviation as detailed later in this report. A transition plan has been in progress since the program was paused in May 2019.

**III. Request for Approval of Discontinued Academic Programs**

**Crookston campus—Discontinue the B.S. degree in Aviation**

The Crookston campus requests approval to discontinue the Bachelor of Science degree in Aviation, effective summer 2021. Administration determined that with changing Federal Aviation Administration requirements and increasing equipment and technology costs, the program has become unsustainable at the small scale provided at UMN Crookston. The program paused enrollment in May 2019 and began working with current students on transition planning or graduating. University of North Dakota Aerospace agreed to continue as a partner with UMN Crookston during 2019-2020 to help current students complete all remaining flight training requirements. There have been no students enrolled as of Fall 2020.

**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.

**University of Minnesota Board of Regents  
Mission Fulfillment Committee  
June 10, 2021  
Consent Report: Public Review**

**I. Request for Approval of New Academic Programs**

**School of Public Health (Twin Cities campus)—Create an M.P.H. degree in Public Health Data Science**

The School of Public Health on the Twin Cities campus requests approval to create a master of public health degree in Public Health Data Science, effective fall 2022. The M.P.H. in Public Health Data Science will prepare graduates with the data management, manipulation, analysis, and communication skills that will allow them to contribute to designing, understanding, and implementing public health efforts in the future. Lead by the Division of Biostatistics, this M.P.H. will balance education in applied and theoretical biostatistics, mathematical statistics, and computing, all within the context of public health, medicine, and clinical translational research. Coursework will emphasize organizing, visualizing, and analyzing data and the program will be accessible to students from a wide range of backgrounds, even if they do not have extensive previous coursework in programming, mathematics, or statistics. The proposed program makes use of existing courses and resources. Current and prospective students have expressed a desire for this proposed program offering and interest in data science has grown exponentially in recent years, with particular interest in the field of public health in the last year due to the pandemic.

**School of Public Health (Twin Cities campus)—Create a graduate minor in Climate Change and Health**

The School of Public Health on the Twin Cities campus requests approval to create a graduate minor in Climate Change and Health, effective fall 2021. The minor will provide education in the science of climate change and the development and application of mitigation and adaptation strategies with which public health professionals can respond. The minor will provide students with a foundational understanding of the science of climate change, population social and health vulnerabilities, and practical skills in climate change modeling, surveillance, and programmatic and policy interventions at various levels (i.e., local, regional, state, national, global). The creation of this minor is in response to a need within the public health workforce as well as current student interest. The minor will be offered in a fully online or hybrid format and provide opportunities to not only train SPH students but to provide resources to students in several other graduate programs. The proposed minor makes use of existing courses and resources.

### **College of Education and Human Development (Twin Cities campus)—Create a post-baccalaureate certificate in Learning Sciences**

The College of Education and Human Development on the Twin Cities campus requests approval to create a post-baccalaureate certificate in Learning Sciences, effective fall 2021. This certificate provides a strong foundation in learning theory and methodology across diverse educational environments to promote effective design, implementation, and assessment of human learning. The Learning Sciences (LS) is an interdisciplinary area that investigates learning and technical design in real-world settings. The certificate would strengthen current academic offerings and attract both prospective and current students from other units who are drawn to the LS and keep pace with similar offerings at peer institutions. In partnership with the newly established CEHD Learning Informatics Lab, which is dedicated to improving learning through interdisciplinary research and student training across the University, the certificate would make use of existing learning and cognition courses in the Education Psychology department, as well as design and methods courses offered by the Curriculum and Instruction and Computer Science departments.

### **College of Continuing and Professional Studies (Twin Cities campus)—create an undergraduate certificate in Long Term Care Management**

The College of Continuing and Professional Studies on the Twin Cities campus requests approval to create an undergraduate certificate in Long Term Care Management, effective fall 2021. The proposed certificate utilizes existing state-accredited long term care courses from the Health Services Management program to prepare students to lead in the burgeoning field of long-term services and supports. Graduates are prepared to manage a nursing home, assisted living facility, independent senior housing, home care, hospice, or other nonprofit that serves older adults and their families. Through this certificate, students will be eligible to obtain Licensed Nursing Home Administrator and Assisted Living Director credentials in Minnesota. The certificate is intended for non-degree-seeking undergraduate level professional students and will be offered in a fully-online instructional modality.

## **II. Request for Approval of Changed Academic Programs**

### **Medical School (Twin Cities campus)—Change name of the Plastic Surgery Residency to the Plastic and Reconstructive Surgery Residency**

The Medical School on the Twin Cities campus requests approval to change the name of the Plastic Surgery Residency to the Plastic and Reconstructive Surgery Residency, effective summer 2021. This name change is being requested to accurately reflect the education and training of the residents and align with the program division's name.

### **College of Liberal Arts (Twin Cities campus)—Change the name of the Ph.D., M.A., and graduate minor in Asian Literatures, Culture, and Media to Asian and Middle Eastern Cultures and Media.**

The College of Liberal Arts on the Twin Cities campus requests approval to change the name of the Ph.D., M.A., and graduate minor in Asian Literatures, Culture, and Media to

Asian and Middle Eastern Cultures and Media, effective fall 2021. The proposed name change reflects current curricular alignment and a departmental name change.

**College of Liberal Arts (Twin Cities campus)—Change the name of the M.A. in Asian Studies to Asian and Middle Eastern Studies.**

The College of Liberal Arts on the Twin Cities campus requests approval to change the name of the M.A. in Asian Studies to Asian and Middle Eastern Studies, effective fall 2021. The proposed name change reflects current curricular alignment and a departmental name change.

**College of Liberal Arts (Twin Cities campus)—Create a Master's-level subplan option within the existing American Indian and Indigenous Studies doctoral minor.**

The College of Liberal Arts on the Twin Cities campus requests approval to create a Master's-level subplan option within the existing American Indian and Indigenous Studies doctoral minor. This minor strengthens students' work in their major field of study, as they will learn how to best integrate American Indian and Indigenous Studies into their existing work as well as how to complement their research to include indigenous methodologies. The master's level minor makes use of existing courses.

**University of Minnesota Board of Regents  
Mission Fulfillment Committee  
September 9, 2021  
Consent Report: Public Review**

**I. Request for Approval of New Academic Programs**

**Medical School (Twin Cities campus) —Create a Fellowship Program in Clinical Informatics**

The Medical School on the Twin Cities campus requests approval to create a Fellowship Program in Clinical Informatics, effective summer 2022. The Clinical Informatics Fellowship is a 24-month training program that will be administered through the Department of Family Medicine and Community Health in partnership with The Institute for Health Informatics graduate program. Fellows will interact with graduate faculty and students in the Health Informatics Institute to develop skills in formal informatics evaluation, implementation science, data science, usability, and data management. The fellowship program will bolster the clinical informatics physician workforce in Minnesota and the upper Midwest, a specialty area in demand nationally. The fellowship will benefit M Health Fairview in improving clinical care, engaging clinical departments in the Medical School in data and technology projects, and adding clinical informatics expertise to the learning environment. The program will take place at Fairview Health Services and the VA Medical Center and be financially supported via M Health Fairview and Veterans Affairs.

**Medical School (Twin Cities campus) —Create a Fellowship Program in Pediatric Neuro-Oncology**

The Medical School on the Twin Cities campus requests approval to create a Fellowship Program in Pediatric Neuro-Oncology, effective summer 2022. The Pediatric Neuro-Oncology Program is a one-year program designed for graduates of pediatric hematology-oncology fellowships or related fields and will provide advanced training in pediatric brain tumors and other tumors of the nervous system. The fellowship includes rotations in neurology, neuro-psychology, neuro-surgery, radiation oncology, endocrinology, cancer epidemiology, and survivorship. The fellow will work under the supervision of the pediatric neuro-oncology staff to diagnose, treat, and provide long-term follow-up for children in both inpatient and outpatient care. The University is uniquely positioned to provide training in this growing area of specialized training with our compendium of experts in pediatric brain tumor research and will be one of the few highly specialized programs in the country. The program will be financially supported through existing resources in the Department of Pediatrics and M Health Fairview University of Minnesota Masonic Children's Hospital, as well as through philanthropy.

**Medical School (Twin Cities campus) —Create a Fellowship Program in Wound Medicine**

The Medical School on the Twin Cities campus requests approval to create a Fellowship Program in Wound Medicine, effective January 1, 2022. The Wound Medicine Fellowship is a 12-month program offering training in: Physical Medicine and Rehabilitation, Plastic Surgery, Dermatology, Emergency Medicine, Infectious Disease, General Surgery, Vascular Surgery, Vascular Medicine as well electives in other specialties. Wound medicine has emerged as its own

subspecialty and this training program will foster growth and consistency in the field, an area where it is estimated that more than 10,000 physicians are practicing without formal training. The fellowship will put the University at the forefront of formal wound care education. Wound medicine spans many programs and the depth of the University's specialty providers, clinical opportunities, and areas of research expertise, as well as the diverse patient population in the Twin Cities afford trainees an ideal training environment. The Wound Medicine Fellowship will be both financially self-sustaining and supported by the Department of Rehabilitation Medicine through grant funding.

## **II. Request for Approval of Changed Academic Programs**

### **College of Continuing and Professional Studies (Twin Cities campus)—Create a partially online option in the B.A. and B.S. degree programs in Multidisciplinary Studies.**

The College of Continuing and Professional Studies on the Twin Cities campus requests approval to create a partially online option in the B.A. and B.S. degree programs in Multidisciplinary Studies, effective fall 2021. Students will have the option to complete the program in-person or in a partially online format.

### **College of Continuing and Professional Studies (Twin Cities campus)—Create a completely online option in the Applied Business Certificate Program**

The College of Continuing and Professional Studies on the Twin Cities campus requests approval to create a completely online option in the undergraduate certificate in Applied Business, effective fall 2021. A partially online option currently exists and the college plans to continue to provide both options for students.

### **College of Continuing and Professional Studies (Twin Cities campus)—Create a completely online option in the Facility Management Certificate Program**

The College of Continuing and Professional Studies on the Twin Cities campus requests approval to create a completely online option in the undergraduate certificate in Facility Management, effective fall 2021. A partially online option currently exists and the college plans to continue to provide both options for students.

### **College of Liberal Arts (Twin Cities campus)—Change the name of B.A., B.S. and undergraduate minor in Sociology of Law, Criminology, and Deviance to Sociology of Law, Criminology, and Justice**

The College of Liberal Arts (Twin Cities campus)—Change the name of Bachelor of Arts, Bachelor of Science, and undergraduate minor in Sociology of Law, Criminology, and Deviance to Sociology of Law, Criminology, and Justice, effective fall 2021. The Sociology faculty voted to pursue a name change to better represent program and curricular content, which highlights the centrality of justice and the justice system in the fields of law and criminology.

### **Crookston campus—Create an online option in the Honors Program**

The Crookston campus requests approval to create an online option in the Honors Program, effective fall 2021. The curriculum requirements for the online Honors Program would be the same as the on-campus Honors Program. Online delivery provides broader alternatives to current and prospective students.

**Crookston campus—Create an online option in the Manufacturing Management Certificate**

The Crookston campus requests approval to create an online option in the Manufacturing Management Certificate, effective fall 2021. The curriculum requirements for the certificate program would be the same as the on-campus program. Online delivery provides broader alternatives to current and prospective students.

**Crookston campus—Discontinue the Urban Forestry subplan in the B.S. degree in Horticulture.**

The Crookston campus requests approval to discontinue the Urban Forestry subplan in the Bachelor of Science degree in Horticulture, effective fall 2021. The request is due to low enrollment. There is currently one student participating in the subplan who has completed all of the subplan specific requirements.

**III. Request for Approval of Discontinued Academic Programs**

**School of Public Health (Twin Cities campus)—Discontinue the Master of Public Health and Post-Baccalaureate Certificate in Public Health Informatics**

The School of Public Health on the Twin Cities campus requests approval to discontinue the M.P.H. and Post-Baccalaureate Certificate in Public Health Informatics, effective fall 2021. There are no active students enrolled in these programs.

**Medical School (Twin Cities campus) —Discontinue the Pediatric Orthopedic Surgery Fellowship**

The Medical School on the Twin Cities campus requests approval to discontinue Pediatric Orthopedic Surgery Fellowship, effective immediately. The request is due to an excess of pediatric orthopedic surgery fellowship training programs nationally and multiple recent years of not matching a fellow to the program. Discontinuation of this fellowship will allow for expansion of training opportunities for orthopedic surgery residents in place of the fellowship position.

**The College of Arts, Humanities, and Social Sciences (Duluth Campus)—Discontinue the Post-baccalaureate Certificate in Geographical Information Science**

The College of Arts, Humanities, and Social Sciences on the Duluth Campus requests approval to discontinue the Post-baccalaureate Certificate in Geographic Information Science, effective Spring 2022. There is currently one student enrolled in this program with a completion plan in place. There is only one course specific to this post-baccalaureate certificate and the low number of students enrolled does not justify maintaining the certificate program. Several Geographic Information Science elective classes still remain available for graduate students.



**University of Minnesota Board of Regents  
Mission Fulfillment Committee  
October 7, 2021  
Consent Report: Academic Program Changes  
Public Review**

**I. Request for Approval of New Academic Programs**

**Medical School (Twin Cities campus)—Create a Fellowship Program in Multiple Sclerosis**

The Medical School on the Twin Cities campus requests approval to create a Fellowship Program in Multiple Sclerosis, effective summer 2022. This program will train one Fellow per year and is a one-year program, teaching the skills necessary to expertly manage patients with MS and inflammatory disorders of the central nervous system. Trainees will also participate in ongoing clinical trials to learn clinical research principles and mechanics, interpretation of findings, and research ethics. Additional curriculum will include Neuro-ophthalmology, Physical Medicine and Rehabilitation, and a variety of electives, didactic conferences, journal clubs and weekly Neurology Grand Rounds. MS affects over 900,000 people in the US, with northern states such as Minnesota having particularly high prevalence of the disease. Despite advancements in treatment, the disease remains incurable and the number of MS specialists in our state is insufficient to meet patient needs. Recently, the number and complexity of therapeutics for MS has greatly expanded, creating a need for specialized training. There is an active need for MS/Clinical Neuroimmunology specialists, and there are significant career opportunities for neurologists with fellowship training in this subspecialty. This program will have a direct source of financial support via dedicated University of Minnesota Foundation funds, clinical revenue offsets, foundation grants, and industry grants.

**College of Continuing and Professional Studies (Twin Cities campus)—Create a Master of Professional Studies degree in Sexual Health**

The College of Continuing and Professional Studies on the Twin Cities campus requests approval to create a Master of Professional Studies (M.P.S.) degree in Sexual Health, effective Spring 2022. The M.P.S. in Sexual Health provides a broad overview of the human sexuality field in addition to current, evidence-based practices that prepares students for careers as sex therapists or sex educators. Components of the curriculum are accepted by the American Association of Sex Educators, Counselors, and Therapists (AASECT) toward certification. The program will prepare students with the skills and ability to apply evidence-based practices in sexual health along with a broad overview of the human sexuality field. The M.P.S. in Sexual Health is a fully online, stackable degree that builds on CCAPS current offerings, student base, and academic relationships, most notably with the Institute for Sexual and Gender Health, University of Minnesota Medical School. The College is proposing this degree along with stackable professional post-baccalaureate certificate programs in human sexuality and sex therapy to meet current need and demand in this growing field. Similar programs exist at or are in development at peer institutions including but not limited to Indiana University, University of Wisconsin-Stout, Ohio State University, and the University of Michigan. The program will be offered completely online and makes use of existing resources within the college.

**College of Continuing and Professional Studies (Twin Cities campus)—Create a Post-Baccalaureate Certificate in Sex Therapy**

The College of Continuing and Professional Studies on the Twin Cities campus requests approval to create a Post-Baccalaureate Certificate in Sex Therapy, effective Spring 2022. The 12-credit graduate-level certificate in Sex Therapy is offered in partnership with the Institute for Sexual and Gender Health at the University of Minnesota Medical School. Human sexuality and associated gender roles and sexual

behavior are an integral part of health care, clinical and social sciences, biological sciences, and a determinant of population dynamics and population science. Sexual health issues are often part of a clinically oriented medical curriculum, and this certificate would broaden sexual therapy education to a wider audience. The target audience for this certificate is students looking for a professionally focused graduate credential to complement their current counseling license(s) to prepare themselves for a career working as a sex therapist or in sex therapy-adjacent careers. The certificate will be offered completely online and makes use of existing resources within the college.

**College of Continuing and Professional Studies (Twin Cities campus)—Create a Post-Baccalaureate Certificate in Regulatory Affairs for Food Professionals**

The College of Continuing and Professional Studies on the Twin Cities campus requests approval to create a Post-Baccalaureate Certificate in Regulatory Affairs for Food Professionals, effective Spring 2022. The certificate is a graduate-level credential that prepares individuals for careers in the government sector, non-profit agencies, international organizations, and corporations with more engagement in leadership practices within regulatory affairs. Students may complete this certificate as a standalone credential, in conjunction with elective coursework for their graduate degree housed outside of CCAPS, or as a core component of the 30-credit Master of Professional Studies in Applied Sciences Leadership (see proposed subplan on page 4). This certificate meets the needs of career changers or working professionals seeking more engagement with leadership practices within regulatory affairs and builds on current offerings and partnerships with related programs including the University of Minnesota Food Protection and Defense Institute and Integrated Food Systems Leadership Program. The certificate will be offered completely online and makes use of existing resources within the college.

**College of Biological Sciences (Twin Cities campus)—Create an undergraduate minor in Health and Genomics**

The College of Biological Sciences on the Twin Cities campus requests approval to create an undergraduate minor in Health and Genomics, effective fall 2021. Genetics and genomics have become integrated into healthcare at all levels and new standards of care involve incorporating genetic counseling and testing. Genomics professionals (genetics counselors, medical geneticists, specialists with genetics training, etc.) are in high demand. The Bureau of Labor Statistics projected a 21 percent change in employment for genetic counselors from 2019 to 2029, higher than the average growth rate typically around 4 percent. This minor will provide undergraduates interested in healthcare careers with the technical knowledge, awareness of ethical and diversity-related issues, along with directed research and/or fieldwork experiences to enrich preparation to incorporation of genomics into their careers. This training has the potential to interest students in majors both within the College of Biological sciences as well as other colleges with the following majors: Biology, Society, and Environment; Chemistry; Health and Wellbeing Sciences; Human Physiology; Nursing; Pre-Med; and Psychology. The minor has been constructed to include significant credits that do not overlap with the above-listed majors, making it a valuable complement for students with a particular interest in the application of genomics to healthcare. The new minor makes use of existing courses and includes the development of three new courses. The minor will be offered in a classroom/majority in-person format.

**College of Arts, Humanities, and Social Sciences (Duluth Campus)—Create a Post-Baccalaureate Certificate in Indigenous Environmental Systems and Principles of Resource Management**

The College of Arts, Humanities, and Social Sciences on the Duluth Campus requests approval to create a Post-Baccalaureate Certificate in Indigenous Environmental Systems and Principles of Resource Management, effective fall 2022. The certificate is designed to meet the professional needs of individuals interested in natural resources and environmental programs considering both Indigenous and Western knowledge systems. Program curriculum is focused on the interrelationship of biological, physical, and cultural systems and provides an opportunity for students to learn fundamental skills for tribal natural resource management, and Indigenous knowledge of aquatic and terrestrial ecosystems. The American

Indian Studies department is working to expand degrees offered due to expressed interest by Tribal communities, UMD and UMTC students, and government employees. The program is completely online and is unique in that it is the first in the UMN system to focus on Indigenous knowledge coupled with western science practices around environmental and resource management. The proposed program makes use of existing courses and resources.

**College of Arts, Humanities, and Social Sciences (Duluth Campus)—Create a Post-Baccalaureate Certificate in Tribal Administration and Leadership**

The College of Arts, Humanities, and Social Sciences on the Duluth Campus requests approval to create a Post-Baccalaureate Certificate in Tribal and Administrative Leadership, effective fall 2022. The certificate is designed to meet the professional needs of individuals interested in tribal governance and tribal relations. Coursework emphasizes the leadership qualities and skills necessary for tribal contexts, strategic management, operations management, and human resources management. This program makes a coherent subset of the Master of Tribal Administration and Governance (MTAG) courses available to prospective students as a stand-alone offering and will likely lead to increased enrollments in the MTAG program. The Department of American Indian Studies continues to expand practically oriented professional degrees and certificate programs in response to interest expressed by tribal nations. This trajectory fully aligns with UMD's commitments to innovative curricula, lifelong learning, cultural competence, the educational needs of indigenous peoples, as well as the economic growth, cultural preservation, and sovereignty of the tribal governments of the region, the state and North America. UMD is uniquely positioned with the relevant faculty expertise, the operational experience, and the existing tribal relationships necessary for successfully implementing this program. There are no known comparable academic programs in Minnesota or elsewhere. This program will be offered completely online and makes use of existing resources.

**College of Arts, Humanities, and Social Sciences (Duluth Campus)—Create a Post-Baccalaureate Certificate in Tribal Sovereignty and Federal Indian Law**

The College of Arts, Humanities, and Social Sciences on the Duluth Campus requests approval to create a Post-Baccalaureate Certificate in Tribal Sovereignty and Federal Indian Law, effective fall 2022. The Certificate is designed to meet the professional needs of individuals interested in tribal governance and tribal relations. Coursework emphasizes the inherent authority of tribal nations, federal Indian policy, and the legal status of tribes as contemplated within federal courts. Topics addressed include Indigenous understandings of sovereignty, treaty relations, trust obligations, jurisdiction, the past and present of relevant congressional policy, and landmark court decisions. This program makes a coherent subset of the Master of Tribal Administration and Governance (MTAG) courses available to prospective students as a stand-alone offering and will likely lead to increased enrollments in the MTAG program. It ensures students understand fundamental governance and legal principles associated with tribal nations and prepares them to participate in tribal governance and tribal relations. Prospective students come from tribal governance roles and therefore reflect perspectives of tribes and employers. This certificate also provides an opportunity for graduate students in programs across the University to gain expertise in this area which will significantly enhance their professional prospects across a wide array of fields. UMD is uniquely positioned with the relevant faculty expertise, the operational experience, and the existing tribal relationships necessary for successfully implementing this program. There are no known comparable academic programs in Minnesota or elsewhere. The proposed certificate consists of currently offered courses and will not require additional resources. The program will be offered in an in-person format.

**College of Arts, Humanities, and Social Sciences (Duluth Campus)—Create a Post-Baccalaureate Certificate in Tribal Natural Resource Stewardship, Economics, and Law**

The College of Arts, Humanities, and Social Sciences on the Duluth Campus requests approval to create a Post-Baccalaureate Certificate in Tribal Natural Resources Stewardship, Economics, and Law, effective fall 2022. The certificate is designed to meet the professional and leadership needs of individuals

interested in Tribal natural resources and environmental programs, considering multiple perspectives regarding economic value and exchange of decision-making affecting the natural resources of Tribal Nations. Practical areas of study will include sustainability, pollution control, benefit-cost analysis, air and water quality, waste management and conservation, both on and off of Reservations. The certificate program provides a credential for professionals who either want to continue to add to their expertise or for current students who want to gain a better understanding of a different knowledge system adding skills to Minnesota's workforce and diversifying the environmental sciences. The certificate makes use of existing courses and resources from the Master of Tribal Resource and Environmental Stewardship (MTRES) program and will prepare students with knowledge that will allow them to move beyond the traditional western concept of optimizing commercial exploitation of the natural environment to consideration and internalization of the costs of management activities impacting Tribal cultural and spiritual values and non-market resources in decision-making. The MTRES program is unique in that there are no other master's degree programs offered at the University of Minnesota or elsewhere that focus on natural resources from a Native worldview. All courses are offered online with synchronous virtual meetings.

## **II. Request for Approval of Changed Academic Programs**

### **College of Science and Engineering (Twin Cities Campus)—Discontinue the Co-op subplan in the Bachelor of Mechanical Engineering degree**

The College of Science and Engineering on the Twin Cities campus requests approval to discontinue the Engineering Co-op program subplan in the Bachelor of Mechanical Engineering (B.M.E.), effective spring 2022. The Co-op program will continue to be offered as a college-wide option to all engineering students, and not as a specific sub-plan of individual programs.

### **College of Continuing and Professional Studies (Twin Cities Campus)—Create Regulatory Affairs for Food Professionals subplan option in the Applied Sciences Leadership M.P.S. degree**

The College of Continuing and Professional Studies on the Twin Cities Campus requests approval to create a Regulatory Affairs for Food Professionals subplan option in the Applied Sciences Leadership M.P.S. degree, effective spring 2022. This subplan provides an option for students in the M.P.S. seeking more engagement with leadership practices within regulatory affairs. It builds on and complements current offerings and partnerships with related programs including the University of Minnesota Food Protection and Defense Institute and Integrated Food Systems Leadership Program. The subplan will be offered in an online format and is the same 12 credits as the proposed Post-Baccalaureate Certificate program.

### **Labovitz School of Business and Economics (Duluth campus) —Create an Integrated Degree Program option in the Bachelor of Business Administration and Master of Business Administration degrees.**

The Labovitz School of Business and Economics on the Duluth campus requests approval to create a B.B.A./M.B.A. Integrated Degree Program option in the Bachelor of Business Administration degree and the Master of Business Administration, 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.

### **Labovitz School of Business and Economics (Duluth campus) —Create an Integrated Degree Program option in the Bachelor of Accounting and Master of Business Administration degrees.**

The Labovitz School of Business and Economics on the Duluth campus requests approval to create a B.Acc./M.B.A. Integrated Degree Program option in the Bachelor of Accounting degree and the Master of Business Administration, 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**

#### **School of Public Health (Twin Cities Campus)—Discontinue the Master of Public Health in Biostatistics degree**

The School of Public Health on the Twin Cities Campus requests approval to discontinue the Master of Public Health (M.P.H.) degree in Biostatistics, effective fall 2021. The School of Public Health offers a Master of Science in Biostatistics, which is the preferred degree. Additionally, an M.P.H. in Data Science was recently approved and will begin in the fall of 2022. Students who wish to have an M.P.H. will have the option to apply to this new program.

**University of Minnesota Board of Regents  
Mission Fulfillment Committee  
December 16, 2021  
Public Review Consent Report: Academic Program Changes**

**I. Request for Approval of New Academic Programs**

**College of Education and Human Development (Twin Cities campus)—Create a post-baccalaureate certificate in Learning Analytics**

The College of Education and Human Development on the Twin Cities campus requests approval to create a post-baccalaureate certificate in Learning Analytics, effective spring 2022. As an interdisciplinary area, learning analytics brings together ideas from education, data science, and design to address current education problems. The Learning Analytics certificate aims to develop skills in the use of data to improve learning and teaching in various contexts and is structured to develop understanding in three core areas - foundations, theory, and analytics. The program is relevant for current graduate students in the Curriculum and Instruction and Educational Psychology departments, and more broadly to students within the College of Education and Human Development and related University of Minnesota units (such as Computer Science, Workforce Development, and Industrial/Organizational Psychology). Given the increasing adoption of learning analytics in K-12 schools, the certificate is also attractive to K-12 practitioners. The certificate builds on the unique strengths of the Curriculum and Instruction and Educational Psychology departments, as well as the University's growing capacity in data science and makes use of existing courses and resources.

**College of Education and Human Service Professions (Duluth campus)—Create a B.A.Sc. degree in Childhood Nature Studies**

The College of Education and Human Service Professions on the Duluth campus requests approval to create a Bachelor of Applied Sciences in Childhood Nature Studies, effective spring 2022. The proposed program entails a nature-based, interdisciplinary foundation of theory and practical skills. Students will study childhood development from an eco-bio-developmental framework and learn the foundations of healthy development and the potential for nature to support children's learning. They will learn to interact with children and families and provide developmentally, and culturally appropriate experiences for children and gain experience in designing and using nature-rich, playful learning environments, such as nature playscapes, early childhood nature play programs, and nature preschools. There is a movement regionally, nationally and internationally toward nature-based childhood programs and a professional movement toward making nature-experiences more accessible and inclusive, which will be a key aspect of this program. Through intentional advising, coursework, and a culminating internship, the program prepares graduates to apply integrated eco-bio-developmental frameworks and work collaboratively across diverse disciplines toward holistic child development. The intended market is northern Minnesota, and the Midwest region. Efforts will be made to recruit from regional Indigenous communities and likely some national recruitment, due to few similar programs. The program will leverage existing courses and resources.

**II. Request for Approval of Changed Academic Programs**

**College of Food, Agriculture and Natural Resource Sciences (Twin Cities campus) —change the name of the undergraduate minor in Sustainable Agriculture and Food Systems to Food Systems**

The College of Food, Agriculture and Natural Resource Sciences requests approval to change the name of the minor in Sustainable Agriculture and Food Systems to Food Systems, effective spring 2022. The proposed name change reflects current curricular alignment and will create distinction from a separate existing undergraduate minor in Sustainable Agriculture.

**Rochester Campus —Create a Lab Based Sciences sub plan in the Health Sciences B.S. degree**

The Rochester campus requests approval to create a Lab Based Sciences sub plan in the Health Sciences Bachelor of Science degree, effective spring 2022. The optional sub plan designates that students have completed at least 16 credits of chemistry coursework and 16 credits of biology coursework, satisfying requirements of external human resources departments for certain laboratory-based positions.

**Crookston campus—Create three new sub plans in the Biology B.S. degree**

The Crookston campus requests approval to create optional sub plans in Biochemistry, Bioinformatics, and Plant and Soil Sciences in the Biology Bachelor of Science degree, effective spring 2022. The addition of the optional sub plans is part of a program restructure to provide students opportunities to deepen their knowledge and skills in specific areas of curricular emphasis and growth in the field of biology.

**III. Request for Approval of Discontinued Academic Programs**

**College of Liberal Arts, School of Public Health, and the Graduate School (Twin Cities campus)—Discontinue the M.A. and graduate minor in Health Journalism and Communications**

The College Liberal Arts, the School of Public Health, and the Graduate School on the Twin Cities campus request approval to discontinue the Master of Arts degree and graduate minor in Health Journalism and Communications, effective spring 2022. The request to discontinue is due to lack of enrollment. There are currently no current students pursuing this shared degree program or the corresponding minor.

**College of Arts, Humanities and Social Sciences (Duluth campus)—Discontinue the graduate minor in Music**

The College Arts, Humanities and Social Sciences on the Duluth Campus requests approval to discontinue the graduate minor in Music, effective spring 2022. There are currently no current students enrolled in this minor.