

**University of Minnesota Board of Regents
Mission Fulfillment Committee
February 7, 2019**

Consent Report

I. Request for Approval of New Academic Programs

▪ **Medical School (Twin Cities campus)—Create fellowship in Gynecologic and Breast Pathology**

The Medical School on the Twin Cities campus requests approval to create a fellowship in Gynecologic and Breast Pathology, effective summer 2020. The proposed program will train one pathologist each year in the diagnosis or forensic analysis of these particular tissue samples. The thousands of cases in this area comprise the second-highest level of surgical pathology subspecialties. The proposed program makes use of existing courses and resources.

▪ **College of Science and Engineering (Twin Cities campus)—Create B.A. and B.S. degrees in Environmental Geosciences**

The College of Science and Engineering on the Twin Cities campus requests approval to create a Bachelor of Arts (B.A.) and a Bachelor of Science (B.S.) degree in Environmental Geosciences, effective fall 2019. Environmental geoscience is the study of processes within, and interactions between, the atmosphere, the ocean and the land that determine the habitability and sustainability of the planet. The proposed programs will help students develop key observational and analytical skills that enable them to address fundamental questions about the functioning of geoscience systems, especially in relation to hydrology and water quality, soils, mineral resources, and climate change. The proposed program makes use of existing courses and resources.

▪ **College of Continuing and Professional Studies (Twin Cities campus)—Create B.S. degree in Health and Wellness**

PENDING REVIEW OF THE CAMPUS CURRICULUM COMMITTEE

The College of Continuing and Professional Studies on the Twin Cities campus requests approval to create a Bachelor of Science (B.S.) degree in Health and Wellness, effective fall 2019. The proposed degree program has a curriculum that includes key biological, physical, and social sciences relevant to health and wellness in the 21st century. This customizable program prepares students for future career options in a variety of fields. The proposed program has previously existed as a major within the Inter-College Program baccalaureate degree. As such, the content is not new; this simply creates a stand-alone degree. The proposed program makes use of existing courses and resources.

- **College of Liberal Arts (Twin Cities campus)—Create graduate minor in Race, Indigeneity, Gender, and Sexuality**

The College of Liberal Arts on the Twin Cities campus requests approval to create a graduate minor in Race, Indigeneity, Gender, and Sexuality, effective spring 2019. The proposed program utilizes a comparative framework to analyze multiple forms of social difference and their interactions in relation to one another. The minor is interdisciplinary and complements a wide variety of graduate programs. The proposed program makes use of existing courses and resources.

II. Request for Changes to Academic Programs

- **College of Education and Human Development (Twin Cities campus)—Change the name of the Ph.D. degree in Child Psychology to Developmental Psychology**

The College of Education and Human Development on the Twin Cities campus requests approval to change the name of the Doctor of Philosophy (Ph.D.) degree in Child Psychology to Developmental Psychology, effective fall 2019. The proposed name change reflects current curricular alignment and the standards in the field.

- **College of Liberal Arts (Twin Cities campus)—Deliver the M.S. degree in Scientific and Technical Communication fully online**

The College of Liberal Arts on the Twin Cities campus requests approval to deliver the Master of Science (M.S.) degree in Scientific and Technical Communication fully online, effective fall 2019. The program has been delivered partially online for many years and is now ready to offer a fully online option.

III. Request for Approval of Discontinued Academic Programs

- **School of Public Health (Twin Cities campus)—Discontinue Ph.D. degree in Molecular and Systems Toxicology**

The School of Public Health on the Twin Cities campus requests approval to discontinue the Doctor of Philosophy (Ph.D.) degree in Molecular and Systems Toxicology, effective summer 2019. There are no students currently enrolled in this program.

**University of Minnesota Board of Regents
Mission Fulfillment Committee
May 9, 2019**

Consent Report

I. Request for Approval of New Academic Programs

▪ **College of Design (Twin Cities campus)—Create graduate minor in Lighting Design**

The College of Design on the Twin Cities campus requests approval to create a graduate minor in Lighting Design, effective fall 2019. The proposed program provides opportunities for students to enhance their degree with course offerings that focus on emerging practices and evolving trends in the lighting profession and industry. The minor builds on existing curriculum and course offerings in the Interior Design and Architecture programs, with one new course added to complete minor requirements. The proposed program makes use of existing courses and resources.

▪ **College of Continuing and Professional Studies (Twin Cities campus)—Create B.S. degree in Health and Wellbeing Sciences**

The College of Continuing and Professional Studies on the Twin Cities campus requests approval to create a Bachelor of Science (B.S.) degree in Health and Wellbeing Sciences, effective fall 2019. The proposed program is a broadly interdisciplinary, individualized Bachelor of Science degree. The course requirements include the foundational biological, physical, and social sciences relevant to health and wellness in the 21st century. Through both core requirements and customized course selections, students can complete prerequisites for graduate and professional school programs or prepare for direct entry into a health- and wellbeing-related field. This proposed program previously existed as a thematic option within the Inter-College Program major. The proposed program makes use of existing courses and resources.

II. Request for Changes to Academic Programs

▪ **College of Design (Twin Cities campus)— Create a sub-plan in Product Design within the M.S. degree in Design**

The College of Design on the Twin Cities campus requests approval to create a sub-plan in Product Design within the Master of Science (M.S.) degree in Design, effective fall 2020. Additionally, the College of Design requests permission to create a Plan C coursework-only option within the M.S. degree in Design. The proposed changes better reflect current curricular alignment and student demand.

▪ **College of Science and Engineering (Twin Cities campus)— Deliver the Master of Computer Science degree partially online**

The College of Science and Engineering on the Twin Cities campus requests approval to deliver the Master of Computer Science (M.C.S.) degree partially online, effective fall 2019. The program will reflect a blended delivery of 50% online, 50% in-person instruction. This method of delivery will allow better access for students.

III. Request for Departmental Name Change

- **College of Liberal Arts (Twin Cities campus)—Change the name of Asian Languages and Literatures to Asian and Middle Eastern Studies**

The College of Liberal Arts on the Twin Cities campus requests approval to change the name of the Department of Asian Languages and Literatures to the Department of Asian and Middle Eastern Studies. The proposed name change reflects current curricular alignment, departmental initiatives and expertise, as well as curricular developments and standards in the field.

**University of Minnesota Board of Regents
Mission Fulfillment Committee
June 13, 2019**

Consent Report

I. Request for Approval of New Academic Programs

▪ **College of Liberal Arts (Twin Cities campus)—Create B.A. degree in Mass Communication**

The College of Liberal Arts on the Twin Cities campus requests approval to Bachelor of Arts (B.A.) degree in Mass Communication, effective fall 2019. The proposed program focuses on media communication with strategy and purpose. The study of mass communication is centered on how messages persuade and affect the behavior and opinion of the person or people receiving the content. The proposed program has previously existed as a sub-plan within the B.A. degree in Journalism. Due to distinctions in curricula, standards in the field, and student demand, the department has decided to offer the program as a stand-alone degree instead of a sub-plan. The proposed program makes use of existing courses and resources.

▪ **College of Liberal Arts (Twin Cities campus)—Create B.A. degree in Strategic Communication: Advertising and Public Relations**

The College of Liberal Arts on the Twin Cities campus requests approval to Bachelor of Arts (B.A.) degree in Strategic Communication: Advertising and Public Relations, effective fall 2019. The proposed program prepares students for careers in public relations and corporate, non-profit, political and health communication fields. Professional strategic communication provides students with skills in writing, media design, strategic messaging and teamwork that are transferable to a wide range of careers. The proposed program has previously existed as a sub-plan within the B.A. degree in Journalism. Due to distinctions in curricula, standards in the field, and student demand, the department has decided to offer the program as a stand-alone degree instead of a sub-plan. The proposed program makes use of existing courses and resources.

▪ **College of Continuing and Professional Studies (Twin Cities campus)—Create graduate minor in Addictions**

The College of Continuing and Professional Studies on the Twin Cities campus requests approval to create a graduate minor in Addictions, effective fall 2019. The proposed certificate provides additional training and expands access to related courses for students in existing programs such as Addictions Counseling and Integrated Behavioral Health. The proposed program also provides an opportunity for students working toward licensure requirements in related fields. The proposed program makes use of existing courses and resources.

- **College of Design (Twin Cities campus)—Create undergraduate minor in Lighting Design**

The College of Design on the Twin Cities campus requests approval to create an undergraduate minor in Lighting Design, effective fall 2019. The proposed program provides opportunities for students to enhance their degree with course offerings that focus on emerging practices and evolving trends in the lighting profession and industry. The minor builds on existing curriculum and course offerings in the Interior Design and Architecture programs, with one new course added to complete minor requirements. The proposed program makes use of existing courses and resources.

- **College of Liberal Arts (Twin Cities campus)—Create undergraduate minor in Islamic Studies**

The College of Liberal Arts on the Twin Cities campus requests approval to create an undergraduate minor in Islamic Studies, effective fall 2019. The proposed program provides opportunities for students to engage in critical study of Islam and Muslim societies and cultures. It encompasses historical, intellectual, artistic, social, and anthropological approaches to the study of Islam applied through the examination of Islamic texts and other cultural products and through the analysis of social and cultural developments across time and geographic locations. The proposed program makes use of existing courses and resources.

II. Request for Changes to Academic Programs

- **Carlson School of Management (Twin Cities campus)—Change the M.A. in Human Resources and Industrial Relations to a professional Master of Human Resources and Industrial Relations**

The Carlson School of Management on the Twin Cities campus requests approval change the Master of Arts (M.A.) in Human Resources and Industrial Relations to the Master of Human Resources and Industrial Relations (M.HRIR), effective fall 2019. The curricular requirements associated with a professional masters degree are more in keeping current curricular alignment and student demand.

- **College of Education and Human Development (Twin Cities campus)—Change the name of the M.A., B.A., and B.S. degrees, as well as the graduate and undergraduate minors, in Child Psychology to Developmental Psychology**

The College of Education and Human Development on the Twin Cities campus requests approval to change the name of Master of Arts (M.A.), Bachelor of Arts (B.A.), and Bachelor of Science (B.S.) degrees, as well as the graduate and undergraduate minors in Child Psychology to Developmental Psychology, effective fall 2019. The proposed name change reflects current curricular alignment and the standards in the field.

- **College of Science and Engineering (Twin Cities campus)—Created integrated undergraduate/graduate option between the B.SyE/MSISyE degrees**

The College of Science and Engineering on the Twin Cities campus requests approval to create an integrated Bachelors/Masters program between the Bachelor of Industrial and Systems Engineering (B.ISyE) and the Master of Science (M.S.) degree in Industrial and Systems Engineering, effective fall 2019. The proposed program will provide a structured option to complete both degrees in a more efficient and timely manner while still maintaining the rigors of the curriculum.

- **College of Science and Engineering (Twin Cities campus)—Created integrated undergraduate/graduate option between the B.A. or B.S. degrees in Computer Science and the M.S. in Computer Science**

The College of Science and Engineering on the Twin Cities campus requests approval to create an integrated Bachelors/Masters program between the Bachelor of Arts (B.A.) degree in Computer Science or the Bachelor of Science (B.S.) degree in Computer Science and the Master of Science (M.S.) degree Computer Science, effective fall 2019. The proposed program will provide a structured option to complete both degrees in a more efficient and timely manner while still maintaining the rigors of the curriculum.

- **College of Design (Twin Cities campus)— Create sub-plans in Integrated Product Development and User Experience Design within the B.S. degree in Product Design**

The College of Design on the Twin Cities campus requests approval to create sub-plans in Integrated Product Development and User Experience Design within the Bachelor of Science (B.S.) degree in Product Design, effective fall 2019. The proposed changes better reflect current curricular alignment and student demand.

- **College of Liberal Arts (Twin Cities campus)—Discontinue sub-plans in Mass Communication, Professional Strategic Communication, and Professional Journalism within the B.A. degree in Journalism**

The College of Liberal Arts on the Twin Cities campus requests approval to discontinue sub-plans in Mass Communication, Professional Strategic Communication, and Professional Journalism within the Bachelor of Arts (B.A.) degree in Journalism. These sub-plans have been proposed as individual B.A. degrees (see earlier section of this consent agenda) with distinct curricula. The proposed changes are in keeping with standards in the field and better address student demand.

III. Request for Departmental Name Change

- **College of Science and Engineering (Twin Cities campus)—Change the name of Earth Sciences to Earth and Environmental Sciences**

The College of Science and Engineering on the Twin Cities campus requests approval to change the name of the Department of Earth Sciences to the Department of Earth and Environmental Sciences. The proposed name change reflects current curricular alignment, departmental initiatives and expertise, as well as curricular developments and standards in the field.

**University of Minnesota Board of Regents
Mission Fulfillment Committee
September 13, 2019**

Consent Report

I. Request for Approval of New Academic Programs

▪ **Academic Health Sciences (Twin Cities campus)—Create M.S. degree in Biomedical Laboratory Sciences**

Academic Health Sciences on the Twin Cities campus requests approval to create a Master of Science (M.S.) degree in Biomedical Laboratory Sciences, effective fall 2020. The proposed program provides theory, research and knowledge in laboratory operations and management, molecular diagnostic science, education and teaching, and specialty areas of laboratory practice. The proposed program focuses on the interdisciplinary nature of laboratory practice and research with an emphasis on critical reasoning and innovative approaches to laboratory operations, leadership, research and evidence-based practice as well as laboratory method development and validation. The proposed program makes use of existing courses and resources.

▪ **School of Public Health (Twin Cities campus)—Create post-baccalaureate certificate in American Indian Public Health and Wellness**

The School of Public Health on the Twin Cities campus requests approval to create a post-baccalaureate certificate in American Indian Public Health and Wellness, effective spring 2020. The proposed program will prepare students to understand how to work respectfully and effectively with Tribes and American Indian communities, to understand the basis of health services, and study the implications of specific tribal (local and federal) law to help improve the health issues currently experienced by American Indians. The proposed program makes use of existing courses and resources.

▪ **Carlson School of Management (Twin Cities campus)—Create undergraduate minor in Strategic Management**

The Carlson School of Management on the Twin Cities campus requests approval to create an undergraduate minor in Strategic Management, effective spring 2020. The proposed programs complements other Carlson School degree programs, and provides students with knowledge in areas such as diagnosing competitive challenges, formulating strategies (including corporate, business, international), and devising a coherent set of actions. The proposed program makes use of existing courses and resources.

II. Request for Changes to Academic Programs

▪ **College of Veterinary Medicine (Twin Cities campus)—Establish formal transfer agreement with South Dakota State University**

The College of Veterinary Medicine on the Twin Cities campus requests approval to establish a transfer agreement with South Dakota State University (SDSU), effective fall 2020. The proposed partnership will allow up to 20 students per cohort to transfer into the

Doctor of Veterinary Medicine (DVM) degree program upon completion of a M.S. Degree from SDSU. The program addresses a regional need for veterinarians who provide services for large, food animals (cattle, swine, and poultry) in rural areas. The program aligns with existing pathways for students transferring from other Veterinary Medicine programs and does not affect access for student seeking traditional admission.

- **College of Science and Engineering (Twin Cities campus)—Change name of the M.S. degree in Electrical Engineering to Electrical and Computer Engineering**

The College of Science and Engineering on the Twin Cities campus requests approval to change the name of the Master of Science (M.S.) degree in Electrical Engineering to Electrical and Computer Engineering, effective fall 2019. The proposed name change reflects current curricular alignment and the standards in the field.

- **School of Public Health (Twin Cities campus)—Deliver the Health Care Administration M.H.A. degree partially online and discontinue Saudi Partnership**

The School of Public Health on the Twin Cities campus requests approval to deliver the Master of Health Care Administration (M.H.A.) degree partially online, effective fall 2019. The college plans for and allocates resources to online delivery options. Online delivery allows the college to provide broader alternatives to current and prospective students. The college also requests approval to discontinue the Saudi Arabia partnership sub-plan. Due to lack of student interest, the partnership has not been renewed.

- **School of Public Health (Twin Cities campus)—Deliver the Public Health Administration and Policy M.P.H. degree online**

The School of Public Health on the Twin Cities campus requests approval to deliver the Master of Public Health (M.P.H.) degree in Public Health Administration and Policy online, effective fall 2019. The college plans for and allocates resources to online delivery options. Online delivery allows the college to provide broader alternatives to current and prospective students.

**University of Minnesota Board of Regents
Mission Fulfillment Committee
December 12, 2019**

Consent Report

I. Request for Approval of New Academic Programs

▪ **College of Science and Engineering (Twin Cities campus)—Create B.S. degree in Data Sciences**

The College of Science and Engineering on the Twin Cities campus requests approval to create a Bachelor of Science (B.S.) degree in Data Science, effective Fall 2020. The Data Science program is designed for students who want to learn the fundamentals of statistical and algorithmic tools while also gaining experience with methods appropriate for managing and processing big data. The degree differs from the existing degrees because it combines substantial components in statistics, computing systems, and a number of data-driven applications and will prepare students for work in various industrial, governmental, and business positions. The proposed program makes use of existing courses and resources.

▪ **College of Liberal Arts (Twin Cities campus)—Create a Certificate in Editing and Publishing**

The College of Liberal Arts on the Twin Cities campus requests approval to create a certificate in Editing and Publishing, effective spring 2020. The certificate provides students with the skills, knowledge, and experience necessary to enter the field of publishing and focuses particularly, but not exclusively, on literary publishing. Students take courses designed to introduce them to the process, protocol, and philosophy of editing, as well as the fundamentals of many other aspects of the publishing industry (project management, design and printing, publicity and marketing, sales and distribution, fundraising, copyright, and bookselling and book reviewing). The additional experiential learning requirement offers an immersive experience in one or more aspects of editing and publishing, intended to prepare them for employment in the publishing industry as well as a wide range of related fields. The proposed certificate program makes use of existing courses and resources.

▪ **College of Science and Engineering (Twin Cities campus) —Create an M.S. degree and graduate minor in Robotics**

The College of Science and Engineering requests approval to create a Master of Science (M.S.) degree and graduate minor in Robotics, effective fall 2020. The program provides a strong foundation in Robotics by offering expertise and educational assets in a single program that will focus on the areas of robot modeling and control, camera and perception sensors, and cognition to reason, plan, and make decisions. Students will

learn state-of-the-art methods for developing and using robots, be exposed to cutting-edge technologies and theory forming the basis for the next generation of robots and their applications in areas such as agriculture, underwater exploration, autonomous driving, and manufacturing applications. Minnesota is at the frontier with global players such as 3M, Medtronic, Mayo, Honeywell, and Cargill looking for human talent that this program would provide. The proposed program makes use of existing courses and resources.

- **Carlson School of Management (Twin Cities campus)—Create a Master of Applied Business Analytics degree**

The Carlson School of Management on the Twin Cities campus requests approval to create a Master of Applied Business Analytics degree, effective fall 2020. This program combines technical learning in machine learning, artificial intelligence, applied statistics, optimization, econometrics, experimentation, data visualization, data engineering and big data with an understanding of how they may be applied in domains such as marketing, consumer behavior, operations, financial and risk management, information management, and strategic management in the public and private sectors. Program graduates will have quantitative capabilities and the technical expertise to extract useful insights from data and provide data-driven solutions to business problems in a variety of career settings. The proposed program makes use of existing courses and resources.

II. Request for Changes to Academic Programs

- **College of Liberal Arts (Twin Cities campus)—Deliver the Scientific and Technical Communication minor online.**

The College of Liberal Arts on the Twin Cities campus requests approval to deliver the Scientific and Technical Communication Minor online, effective spring 2020. 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 (Twin Cities campus) —Change name of B.A. degree and undergraduate minor in Asian Languages and Literature to Asian and Middle Eastern Studies, and change the joint Hindi/Urdu subplan into two separate subplans.**

The College of Liberal Arts on the Twin Cities campus requests approval to change the name of the Bachelor of Arts (B.A.) degree and undergraduate minor from Asian Languages and Literature to Asian and Middle Eastern Studies to align with the departmental name change that was approved by the Board of Regents in May 2019. Additionally, the college requests to change the joint Hindi and Urdu subplans into two separate subplans, one named Hindi and the other named Urdu. Changes will be effective spring 2020.

III. Request for Approval of Discontinued Academic Programs

- **College of Liberal Arts (Twin Cities campus)—Discontinue the Public Art minor**

The College of Liberal Arts on the Twin Cities campus requests approval to discontinue the Public Art Minor effective Spring 2020. There are no students pursuing this minor and it is no longer being offered.

- **College of Liberal Arts (Twin Cities campus)—Discontinue Music Education subplan in the Music M.A. degree.**

The College of Liberal Arts on the Twin Cities campus requests approval to discontinue the Music Education subplan in the Music Masters of Arts degree effective Spring of 2020. This subplan has been replaced by a post-baccalaureate certificate. There are currently no students registered in this subplan.

- **College of Liberal Arts (Twin Cities campus)—Discontinue French Studies post-baccalaureate certificate**

The College of Liberal Arts on the Twin Cities campus requests approval to discontinue the post-baccalaureate credit certificate in French Studies effective spring 2020. There are no students enrolled in the certificate program at this time.

- **College of Liberal Arts (Twin Cities campus)—Discontinue School Psychology subplan in the Psychology Ph.D.**

The College of Liberal Arts on the Twin Cities campus requests approval to discontinue the School Psychology subplan in the Psychology Ph.D., effective fall 2019. There are currently no students enrolled in this subplan and it has not been active for several years.