

**Public Review Period for the May 8-9, 2014 meeting  
of the Board of Regents of the University of Minnesota**

**Review period runs from April 2 – 15, 2014**

If your questions and concerns are not addressed after speaking with the program contact,  
please contact Emily Ronning in the Office of the Provost  
ronn0044@umn.edu or 612-626-8031

**NEW PROGRAMS**

The College of Design on the Twin Cities campus requests approval to create a new undergraduate minor in Interior Environments, effective Fall 2014. This free-standing minor addresses issues of how health and well-being are impacted by the social, cultural, historical, and technological forces behind the design of interior environments. All courses in this minor already exist within the Interior Design program.

Program Contact: Stephanie Watson Zollinger (szolling@umn.edu)

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The College of Education and Human Development on the Twin Cities campus requests approval to create a Bachelor of Science (B.S.) degree in Special Education, effective Fall 2014. The proposed program prepares students as generalists to serve children with frequently occurring disabilities. The program emphasizes the fundamentals of special education, effective intervention strategies, and the problem solving approach to instruction. Graduates of the proposed program will complete licensure requirements as part of their degree.

Program Contact: Frank Symons (symon007@umn.edu)

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The College of Education and Human Development on the Twin Cities campus requests approval to create a Post-baccalaureate Certificate (PBC) degree in Emerging Leaders in Independent Colleges, effective Summer 2014. The proposed certificate offers specific knowledge and skills related to organizational development, leadership, entrepreneurship, and decision-making necessary for leading independent colleges. The proposed program will be administered in cooperation with the Jandris Center for Innovative Higher Education.

Program Contact: David Weerts (dweerts@umn.edu)

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The College of Science and Engineering on the Twin Cities campus requests approval to create a Master of Science (M.S.) degree in Data Science, effective Fall 2014. The proposed program provides a foundation in the science of Big Data and its analysis by gathering in a single program the knowledge, expertise, and educational assets in data collection and management, data analytics, scalable data-driven pattern discovery, and the fundamental concepts behind these methods. The program makes use of existing courses and faculty.

Program Contact: Daniel Boley (boley@umn.edu)

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The College of Science and Engineering on the Twin Cities campus requests approval to create a Bachelor of Environmental Engineering (BEnvE) degree in Environmental Engineering, effective Fall 2014. The proposed program seeks innovative and sustainable solutions to air and water-related problems in natural and built systems and will prepare students for licensure in the field. Areas of emphasis in the program include water chemistry, water and wastewater treatment, groundwater remediation, stream restoration, and sustainable design. The program makes use of existing courses and faculty.

Program Contact: Timothy LaPara (lapar001@umn.edu)

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The Medical School (Department of Radiology) on the Twin Cities campus requests approval to create a fellowship in Pediatric Neuroradiology, effective Summer 2014. The 12-month clinical fellowship will comprise advanced clinical training, didactic training, and participation in clinical research. This program will provide radiologists with specialized training focusing on malformations of brain and spine development, vascular disorders, inborn errors of metabolism, and the evaluation and treatment of neoplastic disease in pediatric patients.

Program Contact: David Nascene (nasc0001@umn.edu)

### **PROGRAM CHANGES**

The College of Liberal Arts on the Twin Cities campus requests approval to create sub-plans in Organization, Business, or Non-Profit, Health Care and Careers, Policy Analysis, and Quantitative Emphasis within the Bachelor of Science (B.S.) degree in Sociology, Law, Criminology, and Deviance, effective Spring 2014. The proposed sub-plans will emphasize the professional application of and specialized training in critical areas of social inquiry.

Program Contact: Nanette Hanks (nhanks@umn.edu)

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The College of Design on the Twin Cities campus requests approval to change the name of the undergraduate minor in Housing Studies to Housing and Community Development, effective Fall 2014. The name change more accurately describes the depth of breadth of the program, while appealing to a wider variety of students.

Program Contact: Elizabeth Bye (ebye@umn.edu)

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The College of Liberal Arts on the Twin Cities campus requests approval to change the name of the Bachelor of Science (B.S.) degree and undergraduate minor in Scientific and Technical Communication to Technical Writing and Communication, effective Summer 2014. The name change more accurately describes the content of the program and is in keeping with national trends in this field.

Program Contact: Nanette Hanks (nhanks@umn.edu)

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The Academic Health Center on the Twin Cities campus requests approval to deliver the Master of Health Informatics (M.H.I.) degree online, effective Fall 2014. The online format will increase access to the program and will allow students to complete the degree in a timely manner. Online delivery of the degree will be supported by existing e-learning resources.

Program Contact: David Pieczkiewicz (piecz001@umn.edu)

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The College of Education and Human Development on the Twin Cities campus requests approval to discontinue the Rochester campus sub-plans for the Post-baccalaureate Certificates (PBC) in Adult Education, Human Resource Development, and Program Development, effective Fall 2014. Students were never enrolled in these sub-plans, thus they are being removed from the program listing.

Program Contact: Brianne Keeney (keen0113@umn.edu)

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The College of Education and Human Development on the Twin Cities campus requests approval to discontinue sub-plans in Clinical Movement Science, Exercise and Health Sciences, Pre-Physical Education Teaching Licensure, and Sport Science within the Bachelor of Science (B.S.) degree in Kinesiology, effective Spring 2014. The sub-plans are not necessary, as the curriculum already covers all of the topics and courses that would be included in these concentrations.

Program Contact: Stephen Ross (sdross@umn.edu)

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The College of Biological Sciences on the Twin Cities campus requests approval to discontinue the honors sub-plans for the Bachelor of Science (B.S.) degrees in Biochemistry and Biology, effective Spring 2014. Honors sub-plans in individual degrees are being replaced by a larger University Honors Program plan.

Program Contact: Robin Wright (wrightr@umn.edu)

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The College of Liberal Arts on the Twin Cities campus requests approval to discontinue the honors sub-plans for the Bachelor of Arts (B.A.) degrees in Geography and Journalism, effective Spring 2014. Honors sub-plans in individual degrees are being replaced by a larger University Honors Program plan.

Program Contact: Nanette Hanks (nhanks@umn.edu)

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The College of Veterinary Medicine on the Twin Cities campus requests approval to discontinue the sub-plans in Comparative Medicine and Pathology, Infectious Diseases, Population Medicine, and Veterinary Surgery, Radiology and Anesthesiology within the Master of Science (M.S.) and Doctor of Philosophy (Ph.D.) degrees, effective Summer 2014. The programs have become increasingly interdisciplinary, and the distinct sub-plans no longer meet the academic needs of students. Students who are currently in a sub-plan will be allowed to complete all degree requirements.

Program Contact: Srinand Sreevatsan (sreev001@umn.edu)

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The School of Public Health on the Twin Cities campus requests approval to discontinue the Rochester campus sub-plan for the Master of Public Health (M.P.H.) in Public Health Practice, effective Fall 2014. Students were never enrolled in this sub-plan, thus it is being removed from the program listing.

Program Contact: Catherine Ann Hanson (hanso041@umn.edu)

### **DISCONTINUATIONS**

The Medical School on the Twin Cities campus requests approval to discontinue the minor in Human Genetics, effective Summer 2014. There is no longer a Human Genetics department, as such, the corresponding minor will be discontinued.

Program Contact: Yoji Shimizu (shimi002@umn.edu)

**\*\*Addendum\*\***

**Public Review Period for the May 8-9, 2014 meeting  
of the Board of Regents of the University of Minnesota**

**Review period for this item runs from April 15-28, 2014**

If your questions and concerns are not addressed after speaking with the program contact,  
please contact Emily Ronning in the Office of the Provost  
ronn0044@umn.edu or 612-626-8031

Program Changes

The College of Education and Human Development requests approval to create four new sub-plans in Alternative Pathway: Elementary Education, Alternative Pathway: Secondary Mathematics, Alternative Pathway: Secondary Science, and Alternative Pathway: English as a Second Language within the Master of Education (M.Ed) in Teaching degree, effective Summer 2014. The proposed sub-plans are designed to help students become inquiring, analytical, and reflective professional educators prepared to teach in the classroom and lead in the schools. This program is for individuals with bachelor's degrees who want to become licensed teachers, and is for designated cohorts with department approval.

Program Contact: Deborah Dillon ([dillon@umn.edu](mailto:dillon@umn.edu))

**Public Review Period for the June 12-13, 2014 meeting  
of the Board of Regents of the University of Minnesota  
runs from May 8 – 21, 2014**

If your questions and concerns are not addressed after speaking with the program contact,  
please contact Emily Ronning in the Office of the Provost  
ronn0044@umn.edu or 612-626-8031

**NEW PROGRAMS**

The Academic Health Center on the Twin Cities campus requests approval to create a Master of Arts (M.A.) degree in Integrative Health and Wellbeing Coaching, effective Fall 2014. The proposed program prepares students to serve in the new and evolving field of health coaching. Health coaches serve as part of the health care team to facilitate consumer/patient engagement and activation and behavior change in effort to improve patient outcomes, quality of health care and reduce costs. The proposed program builds upon existing courses and resources and also requires the development of new courses.

Program Contact: Karen Lawson (lawsonk@umn.edu)

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The Academic Health Center on the Twin Cities campus requests approval to create a post-baccalaureate certificate in Clinical Ethics, effective Fall 2015. The proposed program will offer a graduate level educational opportunity for practicing health professionals to engage in didactic and experiential coursework designed for the mastery of a body of knowledge and skills needed for work in clinical ethics. This work includes participation on ethics committees, clinical ethics consultation services, institutional and regional clinical ethics policy bodies such as organ allocation committees or brain death committees or professional development to better manage clinical ethical issues. This certificate is based completely on existing coursework offered by the Center for Bioethics.

Program Contact: Debra DeBruin (debru004@umn.edu)

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The College of Continuing Education on the Twin Cities campus requests approval to create a Bachelor of Applied Science (B.A.Sc.) degree in Health Services Management, effective Fall 2015. The proposed program prepares students for careers in medical office management, nursing home administration, and patient accounting systems, among other things. In addition to the focus on health care management, there is also an option to focus on licensed drug and alcohol counseling, with an additional emphasis on management. The program makes use of existing courses within the College of Continuing Education, as well as courses within the School of Public Health, the Carlson School of Management, Pharmacy, Health Informatics, and Center for Spirituality and Healing.

Program Contact: Michelle Koker (koker@umn.edu)

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The College of Continuing Education on the Twin Cities campus requests approval to create an undergraduate minor in Translation, effective Fall 2014. The proposed minor allows students to develop skills for translating between English and a second language, improve their written command of English and another language, and engage in practical translation tasks, readings, and discussions on the history, theory, and practice of translation.

Program Contact: Scott Homler (homle003@umn.edu)

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The College of Liberal Arts on the Twin Cities campus requests approval to create a Master of Arts (M.A.) degree in Health Communication, effective Summer 2015. The proposed program prepares students for health care careers that rely on the strategic use of health information to communicate with patient and non-patient publics, care providers, administrators and other public health stakeholders. The program is designed around a curriculum of academic and professional skills courses from strategic communication, public health and other relevant disciplines. This M.A. degree, combined with the newly proposed sub-plan within the Bachelor of Arts (B.A.) degree in Journalism (later in this docket) will comprise the new 5-year B.A./M.A. Health Communication program.

Program Contact: Rebecca Ann Rassier (rassi003@umn.edu)

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The College of Liberal Arts on the Twin Cities campus requests approval to create a new certificate in Technical Communication, effective Fall 2014. The proposed certificate serves students whose primary interests are engineering and science but who also wish to improve their proficiency in technical communication. The certificate was created in response to requests from enrolled students in CSE and CLA. The program makes use of existing courses and resources.

Program Contact: Nanette Hanks (nhanks@umn.edu)

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The Medical School (Department of Dermatology) on the Twin Cities campus requests approval to create a fellowship in Pediatric Dermatology, effective Summer 2015. The 12-month clinical fellowship will comprise advanced clinical training, didactic training, and participation in clinical research. The proposed program will provide dermatologists with specialized training focusing on common dermatologic issues, diagnosis of vascular birthmarks and tumors, recognition of cutaneous signs of various diseases, and knowledge and technical proficiency in common procedures in pediatric patients.

Program Contact: Kristen Hook (hans1635@umn.edu)

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The School of Dentistry on the Twin Cities campus requests approval to create a post-baccalaureate certificate in Advanced Dental Therapy, effective Fall 2014. The proposed program is designed for working dental therapists who have completed a baccalaureate or master's degree in dental therapy from the School of Dentistry between the years 2011 – 2014. The program curriculum focuses on acquiring the knowledge and skills mandated by the Minnesota Board of Dentistry to become eligible for advanced dental therapy certification. The certificate program will include existing coursework and as well as new coursework being developed to enhance the current dental therapy program.

Program Contact: Karl Self (selfx001@umn.edu)

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### **PROGRAM CHANGES**

The College of Liberal Arts on the Twin Cities campus requests approval to create a new sub-plan in B.A./M.A. Health Communication within the Bachelor of Arts (B.A.) degree in Journalism, effective Fall 2014. The proposed sub-plan, partnered with the M.A. degree in Health Communication, will comprise the new 5-year B.A./M.A. Health Communication program.

Program Contact: Nanette Hanks (nhanks@umn.edu)

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The College of Liberal Arts on the Twin Cities campus requests approval to create a new sub-plan in B.A./M.A. Health Communication within the Master of Arts (M.A.) degree in Health Communication, effective Summer 2015. This sub-plan in the new M.A. degree (previously in this docket), combined with the newly proposed sub-plan within the Bachelor of Arts (B.A.) degree in Journalism (previously in this docket) will comprise the new 5-year B.A./M.A. Health Communication program.

Program Contact: Rebecca Ann Rassier (rassi003@umn.edu)

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The College of Liberal Arts on the Twin Cities campus requests approval to create a new sub-plan in B.A./M.P.P. in Political Engagement within the Bachelor of Arts (B.A.) degree in Political Science, effective Fall 2014. The proposed sub-plan, partnered with the newly comprised sub-plan within the Master of Public Policy (M.P.P.) degree (later in this docket), will comprise the new 5-year B.A./M.P.P. program with an emphasis in Political Engagement.

Program Contact: Nanette Hanks (nhanks@umn.edu)

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The Humphrey School of Public Affairs on the Twin Cities campus requests approval to create a new sub-plan in Political Engagement within the Master of Public Policy (M.P.P.) degree, effective Fall 2014. The proposed sub-plan, partnered with the newly comprised sub-plan within the Political Science B.A. (previously in this docket) degree, will comprise the new 5-year B.A./M.P.P. program with an emphasis in Political Engagement.

Program Contact: Stacey Grimes (grime004@umn.edu)

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The School of Nursing on the Twin cities campus requests approval to change the name of the sub-plan in Informatics to Nursing Informatics within the Doctor of Nursing Practice (D.N.P.) degree, effective Fall, 2014. The name of the sub-plan better reflects the content of the program.

Program Contact: Mary Chesney (chesn009@umn.edu)

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The School of Public Health on the Twin Cities campus requests approval to create a Plan B sub-plan within the Master of Science (M.S.) degree in Clinical Research, effective Fall 2014. This sub-plan will allow students the option to complete a culminating special project relevant to the content of their degree.

Program Contact: Andrea Kish (kish@umn.edu)

### **DISCONTINUATIONS**

The Humphrey School of Public Affairs on the Twin Cities campus requests approval to discontinue the graduate minor in Public Affairs, effective Summer 2014. There are no students enrolled in this program, and students are now being directed to the minor in Public Policy.

Program Contact: Stacey Grimes (grime004@umn.edu)

**Public Review Period for the September 11-12, 2014 meeting  
of the Board of Regents of the University of Minnesota  
runs from August 12 - 25, 2014**

If your questions and concerns are not addressed after speaking with the program contact,  
please contact Emily Ronning in the Office of the Provost  
ronn0044@umn.edu or 612-626-8031

**NEW PROGRAMS**

The College of Education and Human Development on the Twin Cities campus requests approval to create a Doctor of Philosophy (Ph.D.) in College Student Development and Counseling Psychology, effective Fall 2015. The proposed program provides students with opportunities for applied research and practice in multicultural student development and counseling, addressing the need for trained professionals in mental health and student academic success. The proposed program will prepare students for careers working with diverse communities in settings such as higher education and counseling services. The program will make use of existing resources.

Program Contact: Brianne Keeney (keen0113@umn.edu)

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The College of Food, Agricultural and Natural Resource Sciences on the Twin Cities campus requests approval to create a Master of Science (M.S.) degree in Bioproducts and Biosystems Engineering and Management, effective Fall 2014. This degree better reflects the research objectives of the program and replaces the Bioproducts and Biosystems Engineering and Management Master of Science (M.S.B.B.S.E.M.), discontinued later in this docket.

Program Contact: Gary Robert Sands (grsands@umn.edu)

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The Medical School on the Twin Cities campus requests approval to create a fellowship in Regional Anesthesiology and Acute Pain Medicine fellowship effective Summer 2015. The fellow will acquire the necessary skills and knowledge to gain expertise in patients undergoing upper and lower extremity and plexus nerve blocks, central neuraxial blocks, catheters, nerve stimulator techniques, ultrasound techniques, intraoperative medicine of regional anesthesia and acute pain procedures. This 12 month clinical fellowship will comprise advanced clinical training, didactic training, and participation in clinical research designed to provide most up-to-date training in the area of pain medicine anesthesia.

Program Contact: Jacob Hutchins (hutc0079@umn.edu)

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The Medical School on the Twin Cities campus requests approval to create a fellowship in Clinical Molecular Genetics, effective Fall 2014. Recent and continuing advances in molecular genetic technology have resulted in molecular genetic testing being a critical component of patient care in numerous medical specialties. The complexity and multiplicity of molecular testing and the need to understand the other laboratory data and clinical variables impacting molecular testing require specialized training. The 24-month clinical fellowship, based at the University of Minnesota Medical Center, will comprise clinical rotations, bench work in the Molecular Diagnostics laboratory, didactic lectures, laboratory rotations, and research including test development and clinical related investigations.

Program Contact: Michelle Dolan (dolan009@umn.edu)

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The Medical School on the Twin Cities campus requests approval to create a fellowship in Pediatric Anesthesiology, effective Summer 2015. In this 12 month experience, the trainee will work with pediatric anesthesiology faculty at Amplatz Children's Hospital to develop special skills and advance knowledge in the specialized area of pediatric anesthesia that might otherwise be difficult to learn in depth during general anesthesia training.

Program Contact: Megan Clinton (clin0051@umn.edu)

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The School of Public Health on the Twin Cities campus requests approval to create a Doctor of Philosophy (Ph.D.) in Molecular and Systems Toxicology, effective Summer 2015. The proposed program is interdisciplinary in nature, and it examines the role of the environment in injury and disease, as well as the future technologies and policy for monitoring and protecting human health. The proposed program will address the need for trained toxicologists, as well as public health experts. The program will make use of existing resources.

Program Contact: Lisa Peterson (peter431@umn.edu)

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The School of Public Health on the Twin Cities campus requests approval to create a post-baccalaureate certificate in Global Health, effective Spring 2015. The proposed certificate prepares students to address health challenges that span the globe and require interdisciplinary approaches in regard to prevention and care. The proposed program will leverage the research and international collaborations of the School of Public Health to create meaningful educational experiences for Public Health professionals. The program will make use of existing resources.

Program Contact: Alan Lifson (lifso001@umn.edu)

## **PROGRAM CHANGES**

The Carlson School of Management on the Twin Cities campus requests approval to create a dual graduate degree Human Resources Industrial Relations and Master of Business Administration, effective Fall 2014. This program makes use of existing resources from the Master of Arts (M.A.) in Human Resources Industrial Relations and the Master of Business Administration (M.B.A.) programs. The proposed program will provide students with the skills and knowledge needed to understand the intersection between leadership, management and human capital.

Program Contact: Christina Holdvogt Wiencke (choldvog@umn.edu)

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The Carlson School of Management on the Twin Cities campus requests approval to create a Master of Science (M.S.) degree in Business Research, effective Fall 2014. This degree is a terminal master's degree option affiliated with the Business Administration Ph.D. This program is only available to students in the Business Administration Ph.D. who are not able to complete the doctoral degree requirements. Applications to this M.S. as a stand-alone program are not considered.

Program Contact: Shawn Curley (curley@umn.edu)

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The College of Education and Human Development on the Twin Cities campus requests approval to discontinue sub-plans in Mathematics Education and Science Education within the Doctor of Philosophy (Ph.D.) in Education, Curriculum, and Instruction, effective Fall 2014. Students interested in these disciplines are now directed to the Science, Technology, Engineering and Math (STEM) Education sub-plan.

Program Contact: Brianne Keeney (keen0113@umn.edu)

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The College of Science and Engineering on the Twin Cities campus requests approval to create sub-plans in Data Analysis Specialist, Professional Astronomer, and Secondary Education within the Bachelor of Science in Astrophysics (B.S.Astrop), effective Fall 2014. The proposed sub-plans will emphasize the professional application of and specialized training in critical areas of Astrophysics.

Program Contact: Terry Jay Jones (jones003@umn.edu)

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The Medical School on the Twin Cities campus requests approval to change the name of the fellowship in Cardiovascular Anesthesiology to Adult Cardiothoracic Anesthesiology, effective Fall 2014. The Accrediting Council for Graduate Medical Education (ACGME) has mandated this change for all affiliated programs.

Program Contact: John S. Andrews (andrews@umn.edu)

### **DISCONTINUATIONS**

The College of Education and Human Development on the Twin Cities campus requests approval to discontinue the post-baccalaureate certificate in Applied Behavior Analysis, effective Fall 2015. Certification requirements in this field do not fit a certificate model, and there is not adequate demand for this program. Currently enrolled students will be advised in a manner that allows completion of the certificate in the next year.

Program Contact: Brianne Keeney (keen0113@umn.edu)

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The College of Education and Human Development on the Twin Cities campus requests approval to discontinue the post-baccalaureate certificate in Educational Psychology Specialist: Education and Counseling, effective Fall 2014. There is no longer demand for a specialist certificate in counseling. There are no currently enrolled students.

Program Contact: Brianne Keeney (keen0113@umn.edu)

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The College of Liberal Arts on the Twin Cities campus requests approval to discontinue the minor in English as a Second Language, effective Fall 2014. This minor was affiliated with a major program which the college plans to discontinue in the upcoming semester.

Program Contact: Wendy Friedmeyer (fried053@umn.edu)

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The College of Food, Agricultural and Natural Resource Sciences on the Twin Cities campus requests approval to discontinue the Bioproducts and Biosystems Engineering and Management Master of Science (M.S.B.B.S.E.M.), effective Fall 2016. Students interested in this program will be directed to the newly created Master of Science (M.S.) degree in Bioproducts and Biosystems Engineering and Management.

Program Contact: Gary Robert Sands (grsands@umn.edu)

**Public Review Period for the October 9-10, 2014 meeting  
of the Board of Regents of the University of Minnesota  
runs from September 15-26, 2014**

If your questions and concerns are not addressed after speaking with the program contact,  
please contact Emily Ronning in the Office of the Provost  
ronn0044@umn.edu or 612-626-8031

**PROGRAM CHANGES**

The College of Liberal Arts on the Twin Cities campus requests approval to create a new sub-plan in B.A./M.A. Health Communication within the Bachelor of Arts (B.A.) degree in Journalism, effective fall 2014. This sub-plan will be for students who are participating in the early enrollment dual B.A./M.A. degree in Health Communication. This dual degree program was approved by the Board of Regents in June of 2014.

Program Contact: Nanette Hanks (nhanks@umn.edu)

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The College of Liberal Arts on the Twin Cities campus requests approval to create new sub-plans in Generalist, Social Justice/Applied Drama, History/Literature, Design/Technology, and Performance Creation within the Bachelor of Arts (B.A.) degree in Theater Arts, effective fall 2014. The proposed sub-plans will provide opportunities for specialization in distinct areas of the discipline.

Program Contact: Nanette Hanks (nhanks@umn.edu)

**DISCONTINUATIONS**

The College of Liberal Arts on the Twin Cities campus requests approval to discontinue the Master of Arts (M.A.) degree in English as a Second Language, effective fall 2014. There are no students enrolled in the program at this time. Students with an interest in English as a Second Language may pursue a Master of Education (M.Ed.) degree in Curriculum and Instruction, Second Languages and Learning track with a specialization in English as a Second Language for Higher Education.

Program Contact: Wendy Friedmeyer (fried053@umn.edu)