

PRESIDENT'S REPORT ON ACTIONS OF THE SENATES

Establish a Graduate Concentration in Geographic Information Science in the Master of Science in Geography (PSM), Urbana

The Urbana-Champaign Senate has approved a proposal from the College of Liberal Arts and Sciences and the Graduate College to establish a graduate concentration in Geographic Information Science in the Professional Science Master's in Geography.

The Department of Geography and GIScience is sensitive to the changing educational requirements of a dynamic world and recognizes that geographic information systems (GIS) and geospatial data are becoming increasingly ubiquitous in today's society. These trends have led to the establishment of a large industry that develops and supplies the market with new GIS technologies and a dramatic increase in the number of companies that use GIS to market their products and services and conduct business. Establishing this concentration within the Professional Science Master's program in Geography will allow the department to respond to this changing environment and meet the educational needs of students interested in working at the intersection of GIS and business.

Establish the Post-Professional Orthopedic Physical Therapy Residency Campus Certificate, College of Applied Health Sciences, Chicago

The Chicago Senate with the recommendation of the College of Applied Health Sciences and the Graduate College has approved the establishment of the Post-Professional Orthopedic Physical Therapy Residency Campus Certificate.

Post-professional residency training is a rapidly growing initiative in the physical therapy profession. Residents must be licensed physical therapists, and residencies are intended to produce advanced-level clinicians who are able to deliver high quality patient care in an area of specialization, serve as educators, and/or participate in clinical research. The post-professional orthopedic physical therapy residency will be the first physical therapy residency program at the Chicago campus. The certificate will recognize the completion of a 12-month, full-time program which primarily entails a specialized clinical learning experience in an academic faculty practice. Residents will complete 20 hours of coursework earned through the delivery of clinical physical therapy services under the guidance and mentorship of faculty members, and instruction in one of two tracks: clinical educator or clinical research. At the completion of the program, residents will be able to sit for the American Physical Therapy Association Orthopedics Specialist Certification.

Establish the Fellowship in Orthopedic Manual Physical Therapy Campus Certificate,
College of Applied Health Sciences, Chicago

The Chicago Senate with the recommendation of the College of Applied Health Sciences and the Graduate College has approved the establishment of the Fellowship in Orthopedic Manual Physical Therapy Campus Certificate.

The certificate will recognize completion of a fellowship program designed to prepare licensed and experienced physical therapists with advanced knowledge and skills in orthopedic manual physical therapy (a subspecialty of orthopedic physical therapy). Specifically the program provides extensive educational experiences in neurophysiological mechanisms and management of musculoskeletal pain. The 12-month, full-time program requires 16 hours of didactic and practical coursework and mentored clinical practice, including 440 supervised hours. Advanced training received at the fellowship level prepares physical therapists for management of the complex patient. Upon successful completion of the program, the candidate will be eligible to be named a Fellow of the American Academy of Orthopedic Manual Physical Therapists, a credential accepted nationally and internationally in the field as a sign of expertise. As a result, candidates will possess the skills and knowledge base required for instructing physical therapy students at an advanced level. The fellowship is one of only 21 programs in the United States credentialed by the American Physical Therapy Association, and the only program based in Illinois.

Establish a Minor in Architectural Studies,
College of Architecture, Design, and the Arts, Chicago

The Chicago Senate with the recommendation of the College of Architecture, Design, and the Arts has approved the establishment of a Minor in Architectural Studies.

The minor will provide an understanding of the history of ideas and cultural intervention through study of architecture and related design practices. It is open to undergraduate students in any college with a general interest in the intersection of architecture and society, but who do not wish to pursue more specialized professional education. Further, the minor will help graduates who pursue other careers become more understanding and informed clients, patrons, advocates, and collaborators with architects and other design professionals in the future. The minor is comprised of five required courses, totaling 16 hours.

Establish Concentrations in Business Analytics, Management Information Systems, and Operations and Supply Chain Management in the Bachelor of Science in Information and Decision Sciences, College of Business Administration, Chicago

The Chicago Senate with the recommendation of the College of Business Administration has approved the establishment of three concentrations in the Bachelor of Science in Information and Decision Sciences: Business Analytics, Management Information Systems, and Operations and Supply Chain Management.

The concentrations follow the current, informally defined areas of specialization recommended for students, and are in line with the three areas of teaching and research in the department. The concentrations are also in areas of high demand as

projected by the Occupational Outlook Handbook of the U.S. Bureau of Labor Statistics. The concentrations are designed to enhance the employment prospects for graduates and to focus curriculum planning for students. The concentrations will not change the requirements for the degree. Students are already required to complete three courses (nine hours) of information and decision science electives within the major requirements. With the formation of concentrations, students will have the option of selecting these nine hours from within one of three areas of specialization.

Revise the Master of Science in Chemical Engineering, College of Engineering,
Chicago

The Chicago Senate with the recommendation of the College of Engineering and Graduate College has approved the addition of a coursework-only option as a means of completing the Master of Science in Chemical Engineering.

Currently the degree requires all students complete either a thesis or project, with 12 of the degree's required 36 hours devoted to thesis research or four hours devoted to project research. The revision will allow students to complete the degree by completing all 36 hours via coursework only. In recent years, coursework-only options have been created within comparable programs at peer institutions, and 8 of 10 UIC master's degrees in engineering have a coursework-only option. While the completion of a thesis or project is beneficial for students who intend to pursue the Doctor of Philosophy or other advanced professional programs, a large percentage of the degree's recipients immediately enter the workforce. A coursework-only option will provide industry-bound students with at least four hours of additional coursework and instruction,

and create the opportunity to acquire additional skills and greater exposure to advanced topics. It should be noted that students completing the degree through coursework alone will still have numerous opportunities to gain significant project and presentation experience.

Establish a Minor in Chinese, College of Liberal Arts and Sciences, Chicago

The Chicago Senate with the recommendation of the College of Liberal Arts and Sciences has approved the establishment of a Minor in Chinese.

The minor is designed for undergraduate students in any college who wish to develop their language proficiency and cultural competence in Chinese, and may wish to use these skills in their careers. Currently only a two-year basic language program is available to students. The program serves approximately 80 to 90 students per semester, and since 2008, the number of students completing the program's four courses has grown by more than 200 percent. Students in the basic language program were surveyed, and two-thirds indicated they would be interested in completing the minor.

The minor is not intended for proficient native speakers of Mandarin Chinese. To declare the minor, students must demonstrate basic proficiency in Chinese through coursework or a placement test. The minor then requires 16 hours of intermediate and advanced language instruction, and coursework in Chinese history, society, and culture.

Establish a Minor in Linguistics, College of Liberal Arts and Sciences, Chicago

The Chicago Senate with the recommendation of the College of Liberal Arts and Sciences has approved the establishment of a Minor in Linguistics.

The minor will engage students in the description and analysis of language, language use, and language learning. It will position students for further studies in linguistics and provide knowledge and skills relevant for work in a variety of fields including: education, the teaching of English or other languages, the computer industry, translation and interpretation, language documentation, publishing, and testing and assessment. The minor is open to undergraduate students in any college, and requires 18 hours: three required courses, and three additional courses that can be selected from a preapproved list of courses offered by the departments of Linguistics, Philosophy, English, and Hispanic and Italian Studies.

Establish a Minor in Social Justice, College of Liberal Arts and Sciences, Chicago

The Chicago Senate with the recommendation of the College of Liberal Arts and Sciences has approved the establishment of a Minor in Social Justice.

Social justice is an interdisciplinary and growing field of study that critically explores issues and social movements focused on equality, fairness, and inclusion. The minor seeks to provide students with the breadth and depth of knowledge to achieve a critical understanding of justice, equality, and marginality, both in the United States and in the world at large. The minor will be housed in the Department of Gender and Women's Studies, but is a collaboration of multiple departments within the College

of Liberal Arts and Sciences. The minor is open to students in any college. Coursework examines the impact of racial and gender inequalities upon American society, examines social movements to redress such inequalities, and situates such struggles in relation to larger processes of empire, nation building, and globalization. In a world with ever-widening social and economic inequality, studying the impact of these patterns and work to redress such inequalities, will better equip students to meet the challenges of contemporary society in their families and communities, in the work place, and as citizens. The minor is comprised of 16 hours of coursework: three required courses, including a capstone experience combining academic coursework and a 40-hour service learning activity, and two elective courses chosen in consultation with an advisor.

Establish a Minor in Geographic Information Systems,
College of Urban Planning and Public Affairs, Chicago

The Chicago Senate with the recommendation of the College of Urban Planning and Public Affairs has approved the establishment of a Minor in Geographic Information Systems (GIS).

GIS has become a universal technique in urban planning and city administration, and is a major tool in the mapping and analysis of social issues and problems studied in and across a variety of disciplines. The minor will introduce students to basic GIS concepts and mapmaking techniques, prepare them for more advanced training in representational and analytical tools, and acquaint them with the field as a possible career choice. The minor is open to undergraduate students in any college, and

is comprised of 12 to 13 hours of coursework in geography, cartography, and GIS techniques.

Rename the Minor in Urban Planning and Policy,
College of Urban Planning and Public Affairs, Chicago

The Chicago Senate with the recommendation of the College of Urban Planning and Public Affairs has approved the renaming of the Minor in Urban Planning and Policy as the Minor in Urban Studies.

The Minor in Urban Planning and Policy was established in Fall 2013, and named for the department in which it resides. The minor provides students in many disciplines the opportunity to gain further understanding of urban phenomena, the complex interactions between local and global forces, and the needs and opportunities of Chicago and other cities historically, in the present, and moving forward. The department is rebranding the focus of its undergraduate offerings as *Urban Studies*. This includes a proposal approved by the Board of Trustees in January 2015 to rename and revise the Bachelor of Arts in Urban and Public Affairs as the Bachelor of Arts in Urban Studies. The renaming of the minor will address two issues: *urban studies* better conveys the focus of the program; and *urban planning and policy* has very specific professional training connotations that do not fit the academic content of the minor, nor prepare students for entry into the professional discipline that is urban planning.

The minor will continue to be open to undergraduate students in any college, and the requirements to earn the minor will not change.

Eliminate the Pathways to Principalship Certificate within the Master of Arts in Educational Leadership, College of Education and Human Services, Springfield

The Springfield Senate with the recommendation of the College of Education and Human Services has approved the elimination of the Pathways to Principalship Certificate within the Master of Arts Degree in Educational Leadership.

The online graduate certificate in Pathways to Principalship was approved in 2007 in response to the decision of the Illinois State Board of Education (ISBE) to provide an alternative pathway to principalship for National Board Certified Teachers. Shortly after the approval of the certificate, the Illinois legislature changed the language in the ISBE rules and regulations, and those changes prevented the program from offering the certificate. Because of the regulation change, no students were ever enrolled in the certificate.

Establish the Graduate Certificate in Educational Technology within the Master of Arts in Educational Leadership, College of Education and Human Services, Springfield

The Springfield Senate with the recommendation of the College of Education and Human Services has approved the establishment of a Graduate Certificate in Educational Technology within the Master of Arts Degree in Educational Leadership.

The Graduate Certificate in Educational Technology is designed to appeal to practicing teachers and administrators who are interested in integrating digital technologies into classroom teaching and learning. The courses required for the 24 credit hour certificate also collectively cover all the knowledge and skills required for an *Illinois Technology Specialist Endorsement*, which qualifies those who hold it for

building and/or district level technology coordinator positions. The certificate will be offered in an online format.

Establish the Graduate Certificate in Higher Education Online Pedagogy within the Master of Arts in Educational Leadership, College of Education and Human Services, Springfield

The Springfield Senate with the recommendation of the College of Education and Human Services has approved the establishment of a Graduate Certificate in Higher Education Online Pedagogy within the Master of Arts Degree in Educational Leadership.

Both public and private higher educational institutions have indicated a need for access to courses for full-time and part-time faculty to increase their knowledge and skills in teaching online. The Illinois Community College Board reports a significant need for professional development in the area of online learning for faculty, with all 48 Illinois community colleges offering online degree and certificate programs. The Graduate Certificate in Higher Education Online Pedagogy will offer online courses for faculty to assist them with best practices in teaching in an online environment. The 16 credit hour certificate will be offered in an online format.