The University of Oklahoma

**Academic Programs Council**

**Program Proposal Requests Distributed for April 6, 2018 meeting**

**SUBSTANTIVE:**

COLLEGE OF ARCHITECTURE

Architecture, Bachelor of Architecture (RPC 011, MC B044). Course requirement change. We are requesting permission to move math and science requirements to better align with University College requirements. We are proposing to delete one course (ARCH 1112) and add two credits to another course (ARCH 1153 change to 1155). We request permission to change the name of Methods III - Materials and Forms to simply "Materials and Forms." This will allow us to cross-list it with the same course in Construction Science. The content remains the same. We note that we are changing the course number for Structures I from 4133 to 4193. This will allow us to cross-list the course with Construction Science. The content remains the same. Total credit hours for the degree will not change.

Reason for request: We request permission to delete one course: ARCH 1112 Cultures of Collaboration.

This course sought to foster interdisciplinary collaboration among freshman in architecture, interior design, construction science and environmental design. We have collectively learned, however, that first semester freshman do not understand their own disciplines well enough to be able to grasp the purpose of collaboration in professional practice. Thus we plan to fostering collaborations among our freshman through field trips, social events and other means. We request permission to add two credit hours to ARCH 1153 - Design I. The proposed change would allow us to provide more time for learning basic design in the first semester. Every other studio in our ten semester studio sequence meets from 1:30 - 5:20pm MWF and is valued at 5 - 6 credits. Re-establishing Design I as a similarly organized studio course will strengthen the studio culture and allow students the necessary time to develop their drawing, modelling and design skills in the first semester. By deleting Cultures of Collaboration, we can re-assign these two credits and the class time to the first semester studio, from which they had been subtracted. Changing the name of Methods III- Materials and Forms to simply "Materials and Forms" will allow us to cross-list it with the same course in Construction Science. The content remains the same. We note that we are changing the course number for Structures I from 4133 to 4193 which will allow us to cross-list the course with Construction Science. The content remains the same. We propose that the Natural Science with lab (Core II) requirement be moved from the first semester to the third semester. We propose that the MATH 1523 Pre-Calculus and Trigonometry (Core I) requirement be moved from the third semester to the first semester. This proposed change better aligns with University College norms for freshman. Moreover, taking the math course helps prepare students for the science course.

Architecture, Bachelor of Science in Architecture (RPC 429, MC B043). Course requirement change. We are requesting permission to move math and science requirements to better align with University College requirements. We are proposing to delete one course (ARCH 1112) and add two credits to another course (ARCH 1153 change to 1155). We request permission to change the name of Methods III - Materials and Forms to simply "Materials and Forms." This will allow us to cross-list it with the same course in Construction Science. The content remains the same. We note that we are changing the course number for Structures I from 4133 to 4193. This will allow us to cross-list the course with Construction Science. The content remains the same. Total credit hours for the degree will not change.

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Construction Science, Bachelor of Science in Construction Science (RPC 255, MC B250). Course requirement change. CNS 1112 is being dropped from the curriculum which allows for an introductory course (1111). Materials and Methods 1 (CNS 1713 to 2363) and Structures I (CNS 3123 to 4193) and II (CNS 4113 to 4233) are changing course numbers and prerequisites to allow courses to be cross-listed with Division of Architecture courses. Credit hours adjusted for CNS 3941 to 3943 and CNS 4612 to 4613. CNS 1833 changed to 2833 to reflect course sequencing. Total credit hours for the degree will not change.

Reason for request: To allow the addition of an introductory course, adjust credit hours in two courses and adapt courses to allow additional collaboration and cross-listing with the Division of Architecture.

COLLEGE OF ARTS AND SCIENCES

Chemistry and Biochemistry, Doctor of Philosophy (RPC 035, MC D170). Course requirement change. We are altering the requirements for Chemical Education. All students will be required to take Chemical Education (CHEM 5001) in addition to Fundamentals I and Fundamentals II (CHEM 5011 and CHEM 5021), and Laboratory (CHEM 5080), which is already required by the department. In addition, the student will need to take 2 credits of required courses in one of the disciplinary areas of chemical sciences (Analytical, Biochemistry, Organic, etc.), and complete an additional 4 credit hours of breadth work in a related area so that the student may gain proficiency. Students will now be given the option to enroll in either Research Paradigms for Scientific Investigation (EDSC 6333) or the Science of Learning Theories (EDSC 5523), in addition to Teaching Science in Secondary Schools (EDSC 5513), which is currently a required course. Students are required to enroll in Quantitative Data Analysis I (EIPT 5023), Qualitative Research Methods (EIPT 6043), and Mixed Methods Research (EIPT 6223). However, students are no longer required to enroll in History of Science or Psychological Statistics to fulfill the requirements of a Chemical Education focus. Total hours for the degree will not change.

Reason for request: When other Chemistry and Biochemistry graduate programs were changed in 2014-2015, Chemical Education was not modified. Current modifications will bring this program into line with department requirements and national standards. The Chemical Education Ph.D. Program trains doctoral students to have: a) A graduate level specialization in a chemical sciences disciplinary area; b) An understanding of effective pedagogical methods as applied to the chemical sciences; and c) An ability to create and assess new methodologies or understanding of chemical education. Students completing this degree should be prepared to conduct original research in chemical education and to teach effectively at precollege, college, university, or graduate levels. Coursework in chemical sciences and in educational practice and methodology provides theoretical context in these two major areas. Proficiency in one of the disciplinary areas of chemical sciences is evidenced by required coursework and a disciplinary lab rotation experience. The Preliminary Exam will be based on analysis of a published chemical education original research paper. The General Exam will include the preparation and defense of an original research proposal on a chemical education topic. The doctoral dissertation shall be completed on a chemical education topic under the supervision of a faculty member in the Department of Chemistry and Biochemistry.

PRICE COLLEGE OF BUSINESS

Finance, Master of Science (RPC TBD, MC TBD). Addition of program: Level I degree and Level II degree designation of Master of Science, with Level III program title of Finance. A total of 37 hours is required for the degree, consisting of 11 hours of required core courses and 26 hours of guided electives chosen from lists. The delivery will be online. Admission will be based on evaluation of GMAT/GRE tests (taken within 5 year prior to application, waivers may be requested if certain requirements are met), TOEFL scores for international applicants, college transcripts, letters of recommendation written by professors the candidate studied under, the candidate’s standardized application and current resume, an essay or research paper written by the candidate, and satisfactory completion of a course or courses in basic financial and managerial accounting.

Reason for request: The Master of Science in Finance program (MSFIN) seeks to enhance and expand the opportunities for masters students within the State of Oklahoma, the United States, and members of the broader global community, by providing a unique and high-level educational experience focused on fundamental and advanced topics in the field of modern finance, delivered in an online format. The program will be taught by leading scholars in the field, who are faculty of the Division of Finance and the Price College of Business, who will bring modern thought on best practices from the academic sphere into the classroom. In addition, the proposed program and course offerings will support the Online MBA and Online MACC programs of the Price College and the University and help propel the Gene Rainbolt Graduate School of Business to a leadership position as a comprehensive provider of Masters-level business education.

The College believes it has a competitive advantage in offering the online MSFIN for several reasons. First, it has built up an institutional knowledge base in the provision of graduate online programs through successful proven delivery of the Executive MBA in Energy (EMBA) program that commenced in 2014. The Price EMBA model is a high-quality, faculty-driven program combining synchronous and asynchronous digital delivery to a specific coho1t of students who benefit from participating in a shared experience over a defined learning period. This model will form the basis for the structure of the MSFIN. Student feedback for the EMBA model has been outstanding. Thus, modeling the MSFIN on this structure is expected to yield high student participation, learning, retention and graduation. Second, the Division of Finance faculty rank as some of the best in public higher education. The faculty are leading researchers and teachers and have achieved wide recognition in the profession. Third, the price point given the quality to be delivered and the efficiencies from knowledge about how best to structure and deliver a top-quality graduate program, make the program highly attractive to prospective students and we project, self-funding. The program cost of $985/credit hour matches the recently launched Online MACC (Master of Accountancy program) and compares very favorably with an average credit hour cost of $1,124 tabulated for 10 on line programs offered by peer institutions, only one of which is in our region (University of Houston - Clear Lake, (priced at $1,409). A further benefit of the MSFIN is that capital costs are essentially zero as no additional physical facilities are required.

The MSFIN program will, in summary, support and enhance existing masters programs currently offered within the Price College of Business by: 1) preserving the eight-week modular format. 2) contributing to online masters offerings for MBA and MACC students. 3) piggybacking on existing instructional technology/knowhow 4) avoiding unnecessary duplication of courses. 5) providing an accelerated pathway to a graduate degree for BBA students interested in advanced financial topics.

Management Information Systems, Bachelor of Business Administration (RPC 262, MC B660). Program requirement change. 1) Under Basic Business, change course title for B C 2813 from Business Writing to Business Communications. 2) To Behavioral & Social Sciences requirement, add the following: Additional course options are available to fulfill the PCB behavioral and social science requirement. Please consult with your advisor. 3) To Upper-Division Electives, add the following: May be met with general education requirements. 4) Under Major Requirements, remove the following: MIS 3373, Sys. Analysis/Design Theory and MIS XXXX, Pick one course from a list maintain by the division. Add the following: Pick six hours of 3000/4000 level MIS electives as approved by the MIS division. 5) From Additional Requirements, remove the following: 3000-level core courses must be completed to enroll in 4000-level business courses. 6) Change Suggested Semester Advisement Plan to allow for addition of B C 2813 to pre-business courses for degree candidacy as previously approved. Total hours for the degree will not change.

Reason for request: Simplify prerequisites, correct course title, clarify course options, change major requirements to allow students to specialize, and amend suggested semester advisement plan.

**NON-SUBSTANTIVE:**

GAYLORD COLLEGE OF JOURNALISM AND MASS COMMUNICATION

Media Management, Graduate Certificate (RPC 419, MC G083, G084). Course requirement change. Change the course number for JMC 5970 to JMC 5193. Total hours for the degree will not change.

Reason for request: This interdisciplinary graduate certificate requires five classes, three from Gaylord College of Journalism and Mass Communication and two from Price College of Business. The Journalism course JMC 5970 Seminar (Topic: Principles of Media Entrepreneurship) is changed to JMC 5193 Principles of Media Entrepreneurship.

**ADMINISTRATIVE/INTERNAL:**

MEWBOURNE COLLEGE OF EARTH AND ENERGY

Geology, Minor (MC N475). Course requirement change. The Geology Minor is being reinstated after being suspended for a number of years. The Minor will still require either GEOL 1104 or 1114; but the New Minor requires an additional 15 credits which can be selected at the student's discretion. Other than GEOL 1104 and 1114, no GEOL courses can be counted toward a minor that are also part of a student's major requirements. At least 9 of these credits still have to be upper­division. The Old Minor had specific courses that students needed to select from, and we have eliminated this list to allow for students to select from the Geology offerings in which they qualify for depending on pre-requisites, etc. Total hours for the minor will change from 17 to 19 hours.

Reason for request: The old minor required 17 credits (GEOL 1104 or GEOL 1114, 2224, and 9 credits of upper-division to be selected from a provided list of classes), the new minor will require 19 credits (GEOL 1104 or 1114 and 15 additional credits). This change in requirements required an update to the total number of credits required.

**ADMINISTRATIVE/INTERNAL REQUESTS FOR APC CHAIR TO REVIEW:**

PRICE COLLEGE OF BUSINESS

BBA in Management Information Systems/MS in Management of Information Technology (RPC 262/341, MC A660, F659-Q429) - requesting same changes to accelerated that are being requested for BBA