UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 2
Fall 2015

---COURSES---

Faculty Senate Approved November 5, 2015

The courses listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. All new and revised courses are printed in their entirety under the headings Current and Proposed, respectively. The column to the far right indicates the date each change becomes effective.

Subject	Course Number	New Revise Drop	Current	Proposed	Effective Date
CPT S	131	New	--N/A--	**Program Design and Development Java** 4 (3-3) Course Prerequisite: Course Prerequisite: MATH 108, 171, 172, 182, 201, 202, 206, or 220, each with a C or better, or ALEKS math placement score of 80% or higher, or adequate CPT S placement test score determined by the department. Formulation of problems and top-down design of programs in a modern structured language for their solution on a digital computer. Taught in Java programming language. Typically offered Fall and Spring.	1-16
CPT S	132	New	--N/A--	**Data Structures Java** 4 (3-3) Course Prerequisite: CPT S 131 with a C or better. Advanced programming techniques: data structures, recursion, sorting and searching, and basics of algorithm analysis. Taught in Java programming language. Typically offered Fall and Spring.	1-16
CPT S	233	New	--N/A--	**Advanced Data Structures Java** 3 Course Prerequisite: CPT S 132 with a C or better; MATH 216 with a C or better or concurrent enrollment. Advanced data structures, object oriented programming concepts, concurrency, and program design principles. Taught in Java programming language. Typically	1-16

				offered Fall and Spring.	
CPT S	370	New	--N/A--	**Systems Programming Java** 4 (3-3) Course Prerequisite: CPT S 233 with a C or better; CPT S 260 with a C or better or E E 234 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering. Implementation of systems programs, concepts of computer operating systems; laboratory experience in using operating system facilities. Taught in Java programming language. Typically offered Fall and Spring.	**1-16**
CS	166	New	--N/A--	**Foundations of Computational Theory** 3 Course Prerequisite: CS 122 with a C or better or concurrent enrollment; MATH 106 with a C or better, or Math 107 with a C or better, or Math 171 with a C or better, or ALEKS math placement score of 80%. Introduction to the theoretical foundations of computing. Combinatorics, relations, trees, graphs, Boolean algebra, proof methods, and discrete probability as applied to computer science.	**8-16**
MGMT	455	Revise	[M] **Recruiting and Hiring Human Capital** 3 Course Prerequisite: MGMT 450; certified major or minor in the College of Business, or option of Personnel Psychology & Human Resource Management. Selection issues; methods of forecasting, planning, recruitment, selection; analysis of psychometric properties of tests; techniques for assessing reliability and validity. Typically offered Fall and Spring.	**Recruiting and Hiring Human Capital** 3 Course Prerequisite: MGMT 450; certified major or minor in the College of Business, or option of Personnel Psychology & Human Resource Management. Selection issues; methods of forecasting, planning, recruitment, selection; analysis of psychometric properties of tests; techniques for assessing reliability and validity. Typically offered Fall and Spring.	**8-16**
MGMT	456	Revise	**Evaluating and Rewarding Employees** 3 Course Prerequisite: MGMT 450;	**[M] Evaluating and Rewarding Employees** 3 Course Prerequisite: MGMT 450; certified major or	**8-16**

			certified major or minor in the College of Business, or option of Personnel Psychology & Human Resource Management. Theoretical, research, and applied issues related to the compensation of employees. Typically offered Fall and Spring.	minor in the College of Business, or option of Personnel Psychology & Human Resource Management. Theoretical, research, and applied issues related to the compensation of employees. Typically offered Fall and Spring.	
MUS	461	New	--N/A--	**[CAPS]The Musician in Society: Philosophies and Practices, 1850 - Present** 3 Course Prerequisite: MUS 360 with a C or better; certified major in Music; junior standing. History and style of western art music from the late romantic period to the present, combining theories of history, theory, ethnomusicology, performance, pedagogy, and advocacy. Typically offered Spring.	**1-16**
NEUROSCI/ MBIOS	201	New	--N/A--	**[COMM] Introduction to Communication in the Molecular Life Sciences** 3 (1-4) Course Prerequisite: BIOLOGY 106 with a C or better or BIOLOGY 107 with a C or better. Analysis of primary literature and an introduction to scientific communication skills in the molecular life sciences. Recommended preparation: Pre-certified or certified major in Biochemistry, Genetics & Cell Biology, Microbiology, or Neuroscience. (Crosslisted course offered as NEUROSCI 201, MBIOS 201). Typically offered Spring.	**1-16**