

MEMORANDUM

Faculty Senate approved November 5, 2020

TO: Deans and Chairs
 FROM: Becky Bitter, Sr. Assistant Registrar
 DATE: October 27, 2020
 SUBJECT: Minor Change Bulletin No. 4

The courses listed below reflect the minor curricular changes approved by the catalog editor since approval of the last Minor Change Bulletin. The column to the far right indicates the date each change becomes effective.

Subject	Course Number	Revise Drop	Current	Proposed	Effective Date
AFS	201	Revise	Systems Skills Development for Agricultural & Food Systems 3 Development of tools and skills in building, evaluating and applying model systems in agricultural production, food manufacturing and distribution in rural society and society as a whole; focus on the types of systems, construction and analysis. Typically offered Spring.	Systems Skills for Agricultural and Food Systems 3 <u>Introduction to the foundational concepts and vocabulary of food systems, building skills and critical systems thinking.</u> Typically offered <u>Fall</u> .	8-21
ANTH / AIS	331	Revise	[SSCI] Archaeology of the Americas 3 Cultures and environments of the Americas from the arrival of the earliest hunter-gatherers to the development of complex civilizations. (Crosslisted course offered as ANTH 331, AIS 331.) Recommended preparation: ANTH 101. Typically offered Fall, Spring, and Summer.	[SSCI] Archaeology of the Americas 3 Cultures and environments of the Americas from the arrival of the earliest hunter-gatherers to the development of complex civilizations. (Crosslisted course offered as ANTH 331, AIS 331.)	5-21
DATA	424	Revise	[CAPS] [M] Data Analytics Capstone 3 Course Prerequisite: CPT S/CS 315; STAT 360; STAT 436 or concurrent enrollment; CPT S 451/CS 351 or concurrent enrollment; admitted to the major in Data Analytics; junior standing. Team-based project that integrates	[CAPS] [M] Data Analytics Capstone 3 Course Prerequisite: CPT S/CS 315; STAT 360; STAT <u>435 or 437</u> or concurrent enrollment; CPT S 451/CS 351 or concurrent enrollment; admitted to the major in Data Analytics; junior standing. Team-based	8-21

			the main aspects of data analytics. (Formerly crosslisted as CPT S 424, CS 424, STAT 424).	project that integrates the main aspects of data analytics. (Formerly crosslisted as CPT S 424, CS 424, STAT 424).	
DTC / AMER ST	475	Revise	[DIVR] Digital Diversity 3 Course Prerequisite: Junior standing. Cultural impact of digital media in cultural contexts; issues of race, class, gender, sexuality online. (Crosslisted course offered as DTC 475, AMER ST 475). Typically offered Fall, Spring, and Summer.	[DIVR] Digital Diversity 3 Course Prerequisite: Junior standing. Cultural impact of digital media in cultural contexts; issues of race, class, gender, sexuality online. Typically offered Fall, Spring, and Summer.	8-21
HORT / CROP SCI	425	Revise	[CAPS] [M] Trends in Horticulture 3 Course Prerequisite: Junior standing. Critical examination of current impacts and future trends in horticulture. Typically offered Spring.	[CAPS] [M] Trends in Horticulture 3 Course Prerequisite: Junior standing. Critical examination of current impacts and future trends in horticulture. (<u>Crosslisted course offered as HORT 425, CROP SCI 425.</u>) Typically offered Spring.	1-21
ME	406	Revise	[M] Experimental Design 3 (1-6) Course Prerequisite: ENGLISH 402 or concurrent enrollment ; ME 220; ME 304; ME 306; ME 348; admitted to the major in Mechanical Engineering. Designing, conducting, and reporting of experimental investigations involving mechanical equipment. Typically offered Fall, Spring, and Summer.	[M] Experimental Design 3 (1-6) Course Prerequisite: ME 220; ME 304; ME 306; ME 348; admitted to the major in Mechanical Engineering. Designing, conducting, and reporting of experimental investigations involving mechanical equipment. Typically offered Fall, Spring, and Summer.	1-21
ME	474	Revise	Design for Manufacture and Modern Manufacturing Strategies 3 Course Prerequisite: ME 310. Design for manufacture and assembly; modern manufacturing philosophies and practices; lean manufacturing; manufacturing cost and time analysis; quality control. Typically offered Spring. Cooperative: Open to UI degree-seeking students.	Design for Manufacture and Modern Manufacturing Strategies 3 Course Prerequisite: ME 310 <u>or 312</u> . Design for manufacture and assembly; modern manufacturing philosophies and practices; lean manufacturing; manufacturing cost and time analysis; quality control. Typically offered Spring. Cooperative: Open to UI degree-seeking students.	1-21
ME	475	Revise	Manufacturing Enterprise Systems -- Automation and Product Realization 3 (2-3) Course Prerequisite: ME 310; ME	Manufacturing Enterprise Systems -- Automation and Product Realization 3 (2-3) Course Prerequisite: ME 310; ME	1-21

			311. Manufacturing automation and product realization; information technology and electronic data in manufacturing enterprise systems; product life-cycle management (PLM); sustainable and green manufacturing. Field trip to manufacturing industries required. Typically offered Fall.	311 <u>or</u> 312. Manufacturing automation and product realization; information technology and electronic data in manufacturing enterprise systems; product life-cycle management (PLM); sustainable and green manufacturing. Field trip to manufacturing industries required. Typically offered Fall.	
SCIENCE	102	Revise	[BSCI] Integrated Science: Dynamic Systems in the Natural World 4 (3-3) Course Prerequisite: SCIENCE 101. Interdisciplinary approach to science in the modern world for non-science majors. Typically offered Spring.	[BSCI] Integrated Science: Dynamic Systems in the Natural World 4 (3-3) Interdisciplinary approach to science in the modern world for non-science majors. Typically offered Spring.	
STAT	419	Revise	Introduction to Multivariate Statistics 3 Course Prerequisite: MATH 220; one 300-400-level STAT. Introductory course covering multidimensional data, multivariate normal distribution, principal components, factor analysis, clustering, and discriminant analysis. Typically offered Fall and Spring.	Introduction to Multivariate Statistics 3 Course Prerequisite: MATH 220 <u>or</u> 225; one 300-400-level STAT. Introductory course covering multidimensional data, multivariate normal distribution, principal components, factor analysis, clustering, and discriminant analysis. Typically offered Fall and Spring.	8-21