

## M E M O R A N D U M

TO: Deans and Chairs  
 FROM: Becky Bitter, Sr. Assistant Registrar  
 DATE: November 6, 2017  
 SUBJECT: Minor Change Bulletin No. 5

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
CPT S	315	Revise	<b>Introduction to Data Mining 3</b> Course Prerequisite: CPT S 215. The process of automatically extracting valid, useful, and previously unknown information from large repositories. (Crosslisted course offered as CPT S 315, CS 315).	<b>Introduction to Data Mining 3</b> Course Prerequisite: CPT S 215, <u>223, or 233, with a C or better.</u> The process of automatically extracting valid, useful, and previously unknown information from large repositories. (Crosslisted course offered as CPT S 315, CS 315).	1-18
CPT S	355	Revise	<b>Programming Language Design 3</b> Course Prerequisite: CPT S 223 with a C or better; certified major in Computer Science, Computer Engineering, Electrical Engineering, or Software Engineering. Design concepts of high-level programming languages; survey of existing languages, experience using some languages. Typically offered Fall and Spring.	<b>Programming Language Design 3</b> Course Prerequisite: CPT S 223 <u>or 233, with a C or better;</u> certified major in Computer Science, Computer Engineering, Electrical Engineering, or Software Engineering. Design concepts of high-level programming languages; survey of existing languages, experience using some languages. Typically offered Fall and Spring.	1-18
CPT S	424	Revise	<b>[CAPS] [M] Data Analytics Capstone 3</b> Course Prerequisite: Junior standing. Team-based project that integrates the main aspects of data analytics. (Crosslisted course offered as CPT S 424, CS 424, STAT 424).	<b>[CAPS] [M] Data Analytics Capstone 3</b> Course Prerequisite: <u>CPT S/CS 315; STAT 360; STAT 436 or concurrent enrollment; CPT S 451/CS 351 or concurrent enrollment; certified major in Data Analytics;</u> junior standing. Team-based project that integrates the main aspects of data analytics. (Crosslisted course offered as CPT S 424, CS 424, STAT 424).	1-18
CPT S	451	Revise	<b>Introduction to Database Systems 3</b> Course Prerequisite:	<b>Introduction to Database Systems 3</b> Course Prerequisite:	1-18

			CPT S 215 <del>with a C or better</del> , CPT S 223 <del>with a C or better</del> , or CPT S 233 with a C or better; <del>CPT S 224 with a C or better</del> ; certified major in Computer Science, Computer Engineering, Electrical Engineering, or Software Engineering. Introduction to database concepts, data models, database languages, database design, implementation issues. Typically offered Spring.	CPT S 215, CPT S 223, or CPT S 233, with a C or better; certified major in Computer Science, Computer Engineering, Electrical Engineering, or Software Engineering. Introduction to database concepts, data models, database languages, database design, implementation issues. Typically offered Spring.	
CPT S	455	Revise	<b>Introduction to Computer Networks 3</b> Course Prerequisite: CPT S 360 <del>with a C or better</del> or E E 234 with a C or better; certified major in Computer Science, Computer Engineering, Electrical Engineering, or Software Engineering. Concepts and implementation of computer networks; architectures, protocol layers, internetworking and addressing case studies. (Crosslisted course offered as CPT S 455, E E 455). Typically offered Fall.	<b>Introduction to Computer Networks 3</b> Course Prerequisite: CPT S 360, <u>CPT S 370</u> , or E E 234, with a C or better; certified major in Computer Science, Computer Engineering, Electrical Engineering, or Software Engineering. Concepts and implementation of computer networks; architectures, protocol layers, internetworking and addressing case studies. (Crosslisted course offered as CPT S 455, E E 455). Typically offered Fall.	1-18
CPT S	479	Revise	<b>Mobile Application Development 3</b> Course Prerequisite: CPT S <del>322</del> with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering. Mobile application development; user interface; location and maps; sensor; camera; cross platform mobile application development tools.	<b>Mobile Application Development 3</b> Course Prerequisite: CPT S <u>223</u> or <u>233</u> , with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering. Mobile application development; user interface; location and maps; sensor; camera; cross platform mobile application development tools.	1-18
CROP SCI	435	Revise	<b>[CAPS] Interdisciplinary Solutions to the Plant Sciences 3</b> Course Prerequisite: Junior standing. Investigation of current agricultural problems and development of proposed solutions through interdisciplinary teams using advanced technology and production management.	<b>[CAPS] Interdisciplinary Solutions to the Plant Sciences 3</b> Course Prerequisite: Junior standing. Investigation of current agricultural problems and development of proposed solutions through interdisciplinary teams using advanced technology and production management. <u>Typically offered Odd Years - Spring.</u>	1-18

<b>CROP SCI</b>	<b>497</b>	<b>Revise</b>	<b>Special Topics: Study Abroad V</b> 1-15 May be repeated for credit. <del>Typically offered Fall, Spring, and Summer.</del> S, F grading.	<b>Special Topics: Study Abroad V</b> 1-15 May be repeated for credit. S, F grading.	<b>1-18</b>
<b>ED AD</b>	<b>536</b>	<b>Drop</b>	<b>Introduction to Qualitative Research in Education</b> 3 Course Prerequisite: ED PSYCH 505 or ED RES 563. Introduction to the theory and methods of qualitative research; field relations, data collections, data analysis, hypothesis development, and theory generation. Typically offered Fall.	--N/A--	<b>8-18</b>
<b>KINES</b>	<b>415</b>	<b>Drop</b>	<b>Kinesiology Capstone</b> 3 Course Prerequisite: KINES 312 with a C or better; Certified major in Athletic Training, Health and Fitness, Movement Studies or Sport Science; junior standing. Culminating experience for Kinesiology students to integrate and apply content methods through a research/practical project or experience.	--N/A--	<b>8-18</b>
<b>SOC</b>	<b>334</b>	<b>Revise</b>	<del><b>Issues in Global Human Health</b> 3</del> <del>Human populations and life expectancies; inequity across global regions.</del> Typically offered Spring.	<b>Medical Sociology</b> 3 <u>Study of the societal dimensions of health and medicine: social determinants of health.</u> Typically offered Spring.	<b>8-18</b>
<b>SOC</b>	<b>525</b>	<b>Revise</b>	<b>Practicum in Survey Research</b> 3 Practical experience in design and implementation of telephone and mail surveys; participation in all aspects of conducting a survey. Recommended preparation: SOC 520. Typically offered Spring.	<b>Practicum in Survey Research</b> 3 Practical experience in design and implementation of telephone and mail surveys; participation in all aspects of conducting a survey. Recommended preparation: SOC 520. Typically offered Spring. <u>Cooperative: Open to UI degree-seeking students.</u>	<b>1-18</b>
<b>SOIL SCI</b>	<b>479</b>	<b>Revise</b>	<b>Organic Farm and Garden Field Management</b> 2 Course Prerequisite: SOIL SCI 478. Advanced training in production management for organic farms and gardens. Typically offered <del>Summer Session</del> .	<b>Organic Farm and Garden Field Management</b> 2 Course Prerequisite: SOIL SCI 478. Advanced training in production management for organic farms and gardens. Typically offered <u>Fall and Spring.</u>	<b>1-18</b>