

MEMORANDUM

Faculty Senate approved November 16, 2017

TO: Deans and Chairs
 FROM: Becky Bitter, Sr. Assistant Registrar
 DATE: November 16, 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	Introduction to Data Mining 3 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).	Introduction to Data Mining 3 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	Programming Language Design 3 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.	Programming Language Design 3 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	[CAPS] [M] Data Analytics Capstone 3 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).	[CAPS] [M] Data Analytics Capstone 3 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	Introduction to Database Systems 3 Course Prerequisite: CPT S 215 with a C or better , CPT S 223 with a C or better , or CPT S 233 with a C or better; CPT S 224 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.	Introduction to Database Systems 3 Course Prerequisite: 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.	1-18
CPT S	455	Revise	Introduction to Computer Networks 3 Course Prerequisite: CPT S 360 with a C or better 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.	Introduction to Computer Networks 3 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	Mobile Application Development 3 Course Prerequisite: CPT S 322 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.	Mobile Application Development 3 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	[CAPS] Interdisciplinary Solutions to the Plant Sciences 3 Course Prerequisite: Junior standing. Investigation of current agricultural problems and development of proposed solutions through interdisciplinary teams	[CAPS] Interdisciplinary Solutions to the Plant Sciences 3 Course Prerequisite: Junior standing. Investigation of current agricultural problems and development of proposed solutions through interdisciplinary teams using advanced technology and	1-18

			using advanced technology and production management.	production management. <u>Typically offered Odd Years - Spring.</u>	
CROP SCI	497	Revise	Special Topics: Study Abroad V 1-15 May be repeated for credit. Typically offered Fall, Spring, and Summer. S, F grading.	Special Topics: Study Abroad V 1-15 May be repeated for credit. S, F grading.	1-18
ED AD	536	Drop	Introduction to Qualitative Research in Education 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--	8-18
KINES	415	Drop	Kinesiology Capstone 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--	8-18
SOC	334	Revise	Issues in Global Human Health 3 Human populations and life expectancies; inequity across global regions. Typically offered Spring.	Medical Sociology 3 <u>Study of the societal dimensions of health and medicine: social determinants of health.</u> Typically offered Spring.	8-18
SOC	525	Revise	Practicum in Survey Research 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.	Practicum in Survey Research 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>	1-18
SOIL SCI	479	Revise	Organic Farm and Garden Field Management 2 Course Prerequisite: SOIL SCI 478. Advanced training in production management for organic farms and	Organic Farm and Garden Field Management 2 Course Prerequisite: SOIL SCI 478. Advanced training in production management for organic farms and	1-18

			gardens. Typically offered Summer Session.	gardens. Typically offered <u>Fall and</u> <u>Spring.</u>	
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