M E M O R A N D U M

Faculty Senate approved April 8, 2021

TO: Deans and Chairs

FROM: Becky Bitter, Sr. Assistant Registrar

DATE: March 31, 2021

SUBJECT: Minor Change Bulletin No. 11

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	322	Revise	**[M] Software Engineering Principles I** 3 Course Prerequisite: CPT S 223 or 233, with a C or better; admitted to the major or minor in Computer Science, Computer Engineering, Electrical Engineering, Software Engineering, or Data Analytics. Introduction to software engineering; requirements analysis, definition, specification including formal methods; prototyping; design including object and function oriented design. Typically offered Fall and Spring.	**[M] Software Engineering Principles I** 3 Course Prerequisite: CPT S <u>215 or</u> 223 or 233, with a C or better; admitted to the major or minor in Computer Science, Computer Engineering, Electrical Engineering, Software Engineering, or Data Analytics. Introduction to software engineering; requirements analysis, definition, specification including formal methods; prototyping; design including object and function oriented design. Typically offered Fall and Spring.	8-21
CPT S	350	Revise	**Design and Analysis of Algorithms** 3 Course Prerequisite: CPT S 223 or 233, with a C or better; CPT S 317 with a C or better; admitted to the major or minor in Computer Science, Computer Engineering, Electrical Engineering, Software Engineering, or Data Analytics. Analysis of data structures and algorithms; computational complexity and design of efficient data-handling procedures.	**Design and Analysis of Algorithms** 3 Course Prerequisite: CPT S <u>215 or</u> 223 or 233, with a C or better; CPT S 317 with a C or better; admitted to the major or minor in Computer Science, Computer Engineering, Electrical Engineering, Software Engineering, or Data Analytics. Analysis of data structures and algorithms; computational complexity and design of efficient data-handling procedures.	8-21

E M	522 / 422	Revise	**Leading People and Organizations** 3 Strategies of supervision with practical application techniques presented to create individual and organizational motivation. ~~Credit not granted for both E M 422 and 522. Offered at 400 and 500 level.~~	**Leading People and Organizations** 3 Strategies for developing leadership and management competencies with practical application techniques for managing self, others, and organizational systems.	8-21
H D	511	Drop	**Theory and Substance of Human Development I** 3 Human development theories; application to life span development, cultural variations, resources, problem solving, interaction of families and individuals with other systems.	--N/A--	8-21
H D	580	Revise	**Families, Community and Public Policy** 3 ~~Course Prerequisite: H D 560.~~ Analysis of family policy research; role of family policy research in public policy and knowledge building processes. Typically offered Odd Years - Spring. Cooperative: Open to UI degree-seeking students.	**Families, Community and Public Policy** 3 Analysis of family policy research; role of family policy research in public policy and knowledge building processes. Typically offered Odd Years - Spring. Cooperative: Open to UI degree-seeking students.	8-21
MPS	587	Revise	**Advanced Topics in Plant Biochemistry** ~~2~~ Methods of plant phenotyping.	**Advanced Topics in Plant Biochemistry** 1 Methods of plant phenotyping.	8-21
SOE	577	Revise	**Advanced Environmental Hydrology** ~~3~~ ~~Principles, dynamics, interactions, and calculations of water flow in the environment (rivers, lakes, groundwater, soil and plant water, atmospheric boundary layer)~~. Recommended preparation: college-level physics, multivariate calculus, and introduction to hydrology. Typically offered Even Years - Fall.	**Advanced Environmental Hydrology** 2 Water (ground, soil, surface, plant, atmosphere) dynamics and support of ecosystem functions and organization in natural, disturbed, and human/impacted systems. Recommended preparation: college-level physics, multivariate calculus, and introduction to hydrology. Typically offered Even Years - Fall.	1-22