

## MEMORANDUM

**Faculty Senate Approved February 13, 2014**

TO: Deans and Chairs  
 FROM: Becky Bitter, Assistant Registrar  
 DATE: February 6, 2014  
 SUBJECT: Minor Change Bulletin No.6

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	New Revise Drop	Current	Proposed	Effective Date
ANTH	576	Revise	<del>Palynology 4 (3-3) Pollen and spore morphology, evolution, production, dispersal, and preservation; index fossils, dating, archaeology, and vegetational history. Field trip required.</del>	<u>Paleoethnobotany 4 (3-3) Methods of analysis and interpretation of botanical remains recovered from archeological sites, including pollen, phytoliths, starch, wood, and macro-botanical remains.</u>	1-15
BIOLOGY	233	Drop	[BSCI] Human Nutrition, Health, and Disease 3 Applying principles of chemistry, biology, and physiology to the study of nutrition emphasizing nutrient functions, nutrient requirements and impact of diet on health and disease. Recommended preparation: BIOLOGY or CHEM course; or BIOLOGY 251 or 315.	--N/A--	8-14
BIOLOGY	331	Drop	Nutrition in the Human Life Cycle 3 Course Prerequisite: BIOLOGY 140 or 233. How growth and development impacts nutrient requirements throughout the life cycle.	--N/A--	8-14
CROP SCI	104	Drop	Introduction of Turfgrass Science and Industry 1 (0-3) Introduction to turfgrass science and industry including golf,	--N/A--	5-14

			sports, lawn, sod and related facilities. Field trip required.		
<b>CROP SCI</b>	<b>317</b>	<b>Drop</b>	Turfgrass Management Environmental Issues 3 Turfgrass management and practices relating to environmental issues and concerns for golf courses, athletic fields and other public areas. Recommended preparation: CROP SCI 301.	--N/A--	<b>5-14</b>
<b>CRS</b>	<b>435/535</b>	<b>Drop</b>	<b>Resolving Environmental Conflicts</b> 4 (3-3) Course Prerequisite: 6 credits [S] or [K] GER, or [SSCI] UCORE; junior standing. Introduction to environmental conflict resolution via readings, discussions, simulation role plays and required papers; emphasis on interest-based approaches. Offered at 400 and 500 level.	--N/A--	<b>5-14</b>
<b>ENGLISH</b>	<b>298</b>		<del>[WRTG] [W] Writing and Research Honors</del> 3 Course Prerequisite: <del>Appropriate Honors College Writing Diagnostic score.</del> Critical thinking, research, and advanced writing for Honors College students.	<b>[WRTG] [W] Writing and Research Honors</b> 3 Course Prerequisite: <u>Must be an Honors student.</u> Critical thinking, research, and advanced writing for Honors College students.	<b>5-14</b>
<b>ENGLISH</b>	<b>299</b>		<del>Writing Tutorial for Honors Students</del> 1 (0-3) May be repeated for credit; cumulative maximum 5 hours. Course Prerequisite: <del>Appropriate Honors College Writing Diagnostic score.</del> Student-centered group tutorial focusing on writing improvement usually connected to the ENGLISH 298 course. S, F grading.	<b>Writing Tutorial for Honors Students</b> 1 (0-3) May be repeated for credit; cumulative maximum 5 hours. Course Prerequisite: <u>Must be an Honors student.</u> Student-centered group tutorial focusing on writing improvement usually connected to the ENGLISH 298 course. S, F grading.	<b>5-14</b>
<b>GEOLOGY</b>	<b>102</b>	<b>Revise</b>	<del>Physical Geology</del> 4 (3-3) Course Prerequisite: <del>Certified major in sciences, engineering, or in the Honors College.</del> Modern concepts of earth science; mineral rock, resource,	<b>Physical Geology</b> 4 (3-3) Course Prerequisite: <u>MATH 106 or concurrent enrollment.</u> Modern concepts of earth science; mineral rock, resource, and map study. Field trip	<b>8-14</b>

			and map study. Field trip required. Credit not granted for <del>more than one of</del> GEOLOGY 101, 102, 180.	required. Credit not granted for <u>both</u> GEOLOGY 101 <u>or</u> 102.	
HISTORY	308	Revise	<b>North American Indian History, Precontact to Present</b> 3 History of North American Indian peoples from circa 1350 to present. (Crosslisted course offered as HISTORY 308, CES 375).	<b>North American Indian History, Precontact to Present</b> 3 History of North American Indian peoples from circa 1350 to present. (Crosslisted course offered as HISTORY 308, CES 375). <u>Cooperative: Open to UI degree-seeking students.</u>	1-14
MECH	314	Revise	<del>[M] Design Process</del> 3 Course Prerequisite: MECH 215. <del>Design process, design projects, engineering economics, and ergonomics; extensive use of CAD.</del>	<b>[M] Machine Design I</b> 3 Course Prerequisite: MECH 215; <u>MECH 309; Certified major in Mechanical Engineering. Design process, factor of safety, stress-deformation, combined stresses, curved members; deformation analysis, static and fatigue failure theories; design of mechanical elements, stress analysis and finite elements; shafts and coupling design.</u>	8-14
MECH	414	Revise	<del>Machine Design</del> 3 Course Prerequisite: <del>MECH 215; MECH 309; MECH 314; Certified major in Mechanical Engineering. Combined stresses, static and fatigue failure theory and analysis, design and selection of machine elements such as shafts, fasteners, springs, gears and bearings.</del>	<b>Machine Design II</b> 3 Course Prerequisite: MECH 314. <u>Static and fatigue failure theories applied to design of mechanical elements, stress analysis and finite elements; design for fatigue life of various mechanical elements, design and selection of standard mechanical components, design of clutches and brakes.</u>	8-15
NURS	492	Revise	<b>Essentials of Disaster Management for Nurses</b> 3 Course Prerequisite: Certified major in Nursing; junior standing. <del>Natural and manmade disasters; nursing implications for disaster management; mental health and ethical issues and concerns related to vulnerable populations.</del>	<b>Essentials of Disaster Management for <u>Health Professions</u></b> 3 Course Prerequisite: Certified major in Nursing; junior standing. <u>Implications for disaster management across the health professions. Mental health and ethical issues and concerns related to vulnerable populations.</u>	5-15
PL P	526	Revise	<b>Advanced Fungal Biology</b> 4	<b>Advanced Fungal Biology</b> 4	8-14

			(2-6) <del>Course Prerequisite: PL P 521.</del> Advanced topics in fungal biology, ecology, systematics, evolution and coevolution via discussions of literature and special laboratory projects. Cooperative: Open to UI degree-seeking students.	(2-6) Advanced topics in fungal biology, ecology, systematics, evolution and coevolution via discussions of literature and special laboratory projects. Cooperative: Open to UI degree-seeking students. <u>Recommended preparation: Introductory mycology and genetics coursework.</u>	
<b>SOIL SCI</b>	<b>451</b>	<b>Drop</b>	<b>[M] Soil Geography 3 (2-3)</b> Study the geographic distribution of soil features and properties at hillslope to global scales. Field trips required.	--N/A--	<b>5-14</b>
<b>VET MED</b>	<b>510</b>	<b>Revise</b>	<b>Veterinary Microscopic Anatomy 5 (3-6) Course</b> Prerequisite: Veterinary Medicine student. Microscopic functional morphology of the cell, tissues, and selected organ systems of domestic animals. S, M, F grading.	<b>Veterinary Microscopic Anatomy 4 (3-3) Course</b> Prerequisite: Veterinary Medicine student. Microscopic functional morphology of the cell, tissues, and selected organ systems of domestic animals. S, M, F grading.	<b>5-14</b>