

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 10  
ADDENDUM 1, Spring 2014**

**---COURSES---**

**Faculty Senate Approved April 10, 2014**

The courses listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. All new and revised courses are printed in their entirety under the headings Current and Proposed, respectively. The column to the far right indicates the date each change becomes effective.

<b>Subject</b>	<b>Course Number</b>	<b>New Revise Drop</b>	<b>Current</b>	<b>Proposed</b>	<b>Effective Date</b>
<b>AFS</b>	<b>201</b>	<b>Revise</b>	<b>Systems Skills Development for Agricultural &amp; Food Systems 3</b> (2-2) Course Prerequisite: <del>AFS 101; ECONS 101; ANIM SCI 101; CROP SCI 102</del> . 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.	<b>Systems Skills Development for Agricultural &amp; Food Systems 3</b> Course Prerequisite: <u>AFS 101; ANIM SCI 101; CROP SCI 102; ECONS 101</u> . 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.	<b>1-15</b>
<b>ARCH</b>	<b>309</b>	<b>Revise</b>	<b>Modern Architecture and Theory 3</b> Course Prerequisite: SDC 250; SDC 350; concurrent enrollment in ARCH 301; certified major in Architecture. Built and theoretical developments in architecture from the nineteenth century to present; content may be linked to study tour.	<b>[M] Modern Architecture and Theory 3</b> Course Prerequisite: SDC 250; SDC 350; concurrent enrollment in ARCH 301; certified major in Architecture. Built and theoretical developments in architecture from the nineteenth century to present; content may be linked to study tour.	<b>8-14</b>
<b>ENGR</b>	<b>101</b>	<b>New</b>	--N/A--	<b>Success in Engineering Study 2</b> Engineering study with an emphasis on working in groups and evaluating academic needs and goals.	<b>8-14</b>
<b>HORT</b>	<b>150</b>	<b>Revise</b>	<del><b>[BSCI] Plants and Society 3</b> (2-3) Plant production systems are used to explore and understand the interrelationships between living systems, the environment, and modern civilization.</del>	<b>[BSCI] Science and Art of Growing Plants 4</b> (3-3) <u>Understand and apply the science behind how plants grow and the art of growing plants for personal and commercial use.</u>	<b>8-14</b>
<b>MECH</b>	<b>309</b>	<b>Revise</b>	<b>Introduction of Engineering</b>	<b>[M] Introduction of Engineering</b>	<b>8-14</b>

			<b>Materials 3 (2-3) Course</b> Prerequisite: MECH 215; CHEM 105 or concurrent enrollment; PHYSICS 201 or concurrent enrollment. Structure of materials, phase equilibrium, phase transformations, mechanical failure, and mechanical properties; materials testing laboratory.	<b>Materials 3 (2-3) Course</b> Prerequisite: MECH 215; CHEM 105 or concurrent enrollment; PHYSICS 201 or concurrent enrollment. Structure of materials, phase equilibrium, phase transformations, mechanical failure, and mechanical properties; materials testing laboratory.	
<b>MECH</b>	<b>314</b>	<b>Revise</b>	<del>[M]</del> <b>Machine Design I 3 Course</b> Prerequisite: MECH 215; 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.	<b>Machine Design I 3 Course</b> Prerequisite: MECH 215; 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.	<b>8-14</b>
<b>MUS</b>	<b>120</b>	<b>New</b>	--N/A--	<b>[ARTS] Class Guitar 3 Class</b> instruction on basic guitar. Repertoire will be selected from classical, jazz, rock, pop, fusion, and world music.	<b>8-14</b>
<b>PSYCH</b>	<b>412</b>	<b>Revise</b>	<b>Psychological Testing and Measurement 3 Course</b> Prerequisite: PSYCH 311. Assessment of behavioral variables in humans; individual differences. Recommended preparation: PSYCH 105. Cooperative: Open to UI degree-seeking students.	<b>[M] Psychological Testing and Measurement 3 Course</b> Prerequisite: PSYCH 311. Assessment of behavioral variables in humans; individual differences. Recommended preparation: PSYCH 105. Cooperative: Open to UI degree-seeking students.	<b>8-14</b>
<b>TCH LRN</b>	<b>404</b>	<b>New</b>	--N/A--	<b>Linguistics for Educators 3 Use of linguistics to better understand second language learning and teaching and the physical aspects of acquiring a language. Recommended preparation: TCH LRN 333, and /or TCH LRN 339, or admission to the College of Education.</b>	<b>5-15</b>