

# M E M O R A N D U M

Faculty Senate Approved March 29, 2018

TO: Deans and Chairs  
 FROM: Becky Bitter, Sr. Assistant Registrar  
 DATE: March 21, 2018  
 SUBJECT: Minor Change Bulletin No. 10

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
BIOLOGY	469 / 569	Revise	[M] <b>Ecosystem Ecology and Global Change 3</b> Historic and current factors controlling the function of ecosystems and their responses to natural and human caused global change. <del>(Crosslisted course offered as BIOLOGY 469, ENVR SCI 469, BIOLOGY 569, ENVR SCI 569).</del> Credit not granted for both BIOLOGY 469 and 569, or ENVR SCI 469 and 569. Offered at 400 and 500 level. Cooperative: Open to UI degree-seeking students.	[M] <b>Ecosystem Ecology and Global Change 3</b> Historic and current factors controlling the function of ecosystems and their responses to natural and human caused global change. Credit not granted for both BIOLOGY 469 and 569. Offered at 400 and 500 level. Cooperative: Open to UI degree-seeking students.	8-18
CE	552	Revise	<b>Advanced Topics in Hydraulic Engineering V</b> 1-3 May be repeated for credit; cumulative maximum 9 hours. Cavitation, air entrainment, hydraulic machinery, similitude, mixing in rivers and estuaries, hydraulic design. Required preparation must include CE 351. Cooperative: Open to UI degree-seeking students.	<b>Special Topics in Water Resources Engineering V</b> 1-3 May be repeated for credit; cumulative maximum 9 hours. Cavitation, air entrainment, hydraulic machinery, similitude, mixing in rivers and estuaries, hydraulic design. Required preparation must include CE 351. Cooperative: Open to UI degree-seeking students.	5-18
ENVR SCI	469 / 569	Drop	[M] <b>Ecosystem Ecology and Global Change 3</b> Historic and current factors controlling the function of ecosystems and their responses to natural and human	--N/A--	8-18

			<p>caused global change.  (Crosslisted course offered as BIOLOGY 469, ENVR SCI 469, BIOLOGY 569, ENVR SCI 569).  Credit not granted for both BIOLOGY 469 and 569, or ENVR SCI 469 and 569. Offered at 400 and 500 level.  Cooperative: Open to UI degree-seeking students.</p>		
<b>ENVR SCI</b>	<b>486 / 586</b>	<b>Drop</b>	<p><b>GIS Spatial Analysis 4 (2-6)</b>  Course Prerequisite: SOIL SCI 368. Geographic information systems applied to analysis of landscape data; maps, geographic coordinate systems and projections, geodatabases.  (Crosslisted course offered as SOIL SCI 468, SOIL SCI 568, ENVR SCI 486, ENVR SCI 586.)  Credit not granted for both SOIL SCI 468 and 568, or ENVR SCI 486 and 586. Offered at 400 and 500 level.</p>	--N/A--	<b>8-18</b>
<b>SOE</b>	<b>102</b>	<b>Revise</b>	<p><b>Physical Geology 4 (3-3) Course</b>  Prerequisite: <del>MATH 106 or concurrent enrollment, 140 or concurrent enrollment, or 171 or concurrent enrollment.</del> Modern concepts of earth science; mineral rock, resource, and map study. Field trip required. Credit not granted for both <u>SOE</u> 101 and 102. (Formerly GEOLOGY 102). Typically offered Spring.</p>	<p><b>Physical Geology 4 (3-3) Course</b>  Prerequisite: <u>MATH 103, 106, 140, or 171, or concurrent enrollment in any of these.</u> Modern concepts of earth science; mineral rock, resource, and map study. Field trip required. Credit not granted for both <u>SOE</u> 101 and 102. (<u>Formerly GEOLOGY 102</u>). Typically offered Spring.</p>	<b>8-18</b>
<b>SOE</b>	<b>305</b>	<b>Revise</b>	<p><b>Silviculture 3 Course</b>  Prerequisite: SOE 204; SOE 300; <del>SOE 302.</del> Stand dynamics, natural regeneration methods, intermediate stand treatment, relationships of natural resource management to silvicultural practice. Field trips required. (Formerly NATRS 305). Typically offered Fall.</p>	<p><b>Silviculture 3 Course</b>  Prerequisite: SOE 204; SOE 300; <u>SOE 301.</u> Stand dynamics, natural regeneration methods, intermediate stand treatment, relationships of natural resource management to silvicultural practice. Field trips required. (Formerly NATRS 305). Typically offered Fall.</p>	<b>8-18</b>
<b>SOIL SCI</b>	<b>468 / 568</b>	<b>Revise</b>	<p><b>GIS Spatial Analysis 4 (2-6)</b>  Course Prerequisite: SOIL SCI 368. Geographic information</p>	<p><b>GIS Spatial Analysis 4 (2-6)</b>  Course Prerequisite: SOIL SCI 368. Geographic information</p>	<b>8-18</b>

		<p>systems applied to analysis of landscape data; maps, geographic coordinate systems and projections, geodatabases.  <del>(Crosslisted course offered as SOIL SCI 468, SOIL SCI 568, ENVR SCI 486, ENVR SCI 586.)</del>          Credit not granted for both SOIL SCI 468 and 568, or ENVR SCI 486 and 586. Offered at 400 and 500 level.</p>	<p>systems applied to analysis of landscape data; maps, geographic coordinate systems and projections, geodatabases. Credit not granted for both SOIL SCI 468 and 568. Offered at 400 and 500 level.</p>	
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