

THE UNIVERSITY OF NORTH CAROLINA AT ASHEVILLE  
FACULTY SENATE

Senate Document Number 1317S  
Date of Senate Approval 01/19/17

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Statement of Faculty Senate Action:

**APC Document 10 (ENVR):**                    **Revise the description of ENVR 381 and add a prerequisite**

**Effective Date: Fall 2017**

**1. Delete:** On page 164, the description for **ENVR 381:**

**381     Structural and Field Geology (4)**  
Geologic field methods, deformation of rocks, including kinematic and dynamic analysis, primary structures, fold and fault classifications, stereographic projections, geologic maps, cross sections, and working with three-dimensional data. Includes field trips. Prerequisite: ENVR 105. Fall.

**Add:** On page 164, in place of deleted entry:

**381     Structural and Field Geology (4)**  
Examines the fundamental concepts of deformation in the Earth's crust and trains students in field methods and problem-solving related to geologic mapping. This course covers stress and strain, rock deformation, kinematic and dynamic analysis, fold and fault classifications, stereographic projections, geologic maps, cross sections, and working with three-dimensional data. Includes required field trips. Prerequisites: ENVR 105, MATH 167 or 191. Fall.

**Impact Statement:** There will be no impact on the resources and staffing of the Environmental Studies department due to the changes to ENVR 381 because this is an existing course. These changes will not impact how this course is taught. ENVR students are already required to take MATH 167 or 191, so the addition of this prerequisite will require no additional courses for students.

**Rationale:** ENVR 381 requires understanding of trigonometric principles so this addition will ensure that students have the appropriate background needed to succeed in this course.