

THE UNIVERSITY OF NORTH CAROLINA AT ASHEVILLE
FACULTY SENATE

Senate Document Number 2315S
Date of Senate Approval 01/22/15

Statement of Faculty Senate Action:

APC Document 16 (ENVR): **Change the description of ENVR 381, and add it as a required course for the Earth Science concentration**

Effective Date: Fall 2015

1. Delete: On page 145, the entry for **ENVR 381 Structural and Field Geology:**

381 Structural and Field Geology (4)

Field methods, deformation of rocks, including kinematic and dynamic analysis, primary structures, fold and fault classifications, stereographic projections, geologic maps and working with three-dimensional data. Prerequisite: ENVR 105. Odd years Fall.

Add: On page 145, in place of deleted entry:

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.

2. Delete: On page 141, under **Concentration in Earth Science:**

At least 31 hours distributed as follows: ENVR 105, 320, 338, 385, and at least 15 additional hours of Earth Science electives chosen from ENVR 106, 282, 290, 310, 311, 362, 381, 383, 384, 410, 411, and PHYS 131 or 221. Students interested in mineral processing should take ENVR 282, 311, 410, 411, MATH 191, 192 and PHYS 221 as part of their major requirements.

Add : On page 141, in place of deleted entry:

At least 31 hours distributed as follows: ENVR 105, 320, 338, 381, 385, and at least 11 additional hours of Earth Science electives chosen from ENVR 106, 282, 290, 310, 311, 362, 383, 384, 410, 411 and PHYS 131 or 221. Students interested in mineral processing should take ENVR 282, 311, 410, 411, MATH 191, 192 and PHYS 221 as part of their major requirements.

Impact Statement: ENVR 381 will now be a required course for Earth Science students instead of an elective option, and will be taught every Fall rather than every other Fall. The number of hours for the concentration remains unchanged due to a reduction in the number of required elective hours to offset requiring ENVR 381.

Rationale: Adding ENVR 381 as a requirement is being made to better suit the needs of our Earth Science students as this course is a core course in the Earth Sciences. Jackie Langille (instructor for ENVR 381) fills a new faculty line within the department so we now has the resources to make this change.