

THE UNIVERSITY OF NORTH CAROLINA AT ASHEVILLE
FACULTY SENATE

Senate Document Number 6318S
Date of Senate Approval 04/05/18

Statement of Faculty Senate Action:

APC Document 56 (ENVR): Revise the Math Requirements for Environmental Studies Major

Effective Date: Fall 2018

1. Delete: On page 156, item II under requirements for Environmental Studies majors:

- II. Required courses outside the major—16 hours: CHEM 111, 132, 145 and either 231 or 233; **two courses from MATH 167, 191, 192 or STAT 185**. CHEM 233 is required for students completing the Earth Science concentration. Calculus is recommended for students planning to attend graduate school.

Add: One page 156, in place of deleted entry:

- II. Required courses outside the major—12-16 hours: CHEM 111, 132, 145 and either 231 or 233; **MATH 167 and STAT 185. MATH 191 may be taken in lieu of both MATH 167 and STAT 185**. CHEM 233 is required for students completing the Earth Science concentration. MATH 191 is recommended for students planning to attend graduate school.

Impact statement: This change will affect only a few students who will not require a second MATH or STAT course while enrolled at UNC Asheville.

Rationale: The Environmental Studies department requires its majors to complete two college-level Mathematics classes. Most ENVR majors take MATH 167, Precalculus and STAT 185, Introductory Statistics, to fill this requirement; however, some majors take the sequence of MATH 167 followed by MATH 191, Calculus I. We have realized that students who have credit for MATH 191, either through AP/transfer or UNCA credit, are still required to take a second math course. Because credit for MATH 191 demonstrates a proficiency in MATH 167, we think students who have credit for MATH 191 have, in essence, satisfied the second math course required for the major and should not be required to take an additional math course, so we are adding the language that completion of MATH 191 alone satisfies the requirement.