

THE UNIVERSITY OF NORTH CAROLINA AT ASHEVILLE

FACULTY SENATE

Senate Document Number 4314S

Date of Senate Approval 1/23/14

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Statement of Faculty Senate Action:

**APC Document 31**

**Add new advanced ecology electives for ENVR students:  
ENVR 347, Fish Ecology, and ENVR 396, Woody Plants in Winter**

**Effective Date: Fall 2014**

**1. Add:** On page 145, new course, **ENVR 347, Fish Ecology:**

**347 Fish Ecology (4)**

Study of the distribution and abundance of freshwater fishes, with emphasis on fishes of the southeastern United States. The role of biotic and abiotic factors will be discussed, with special focus on how human activities interact with these factors. Lab activities will include field trips to local rivers, streams and lakes. Prerequisite: ENVR 241. Even years Spring.

**Impact:** No significant impact. This course has been taught twice as a Special Topics class by David Gillette, the current instructor.

**Rationale:** The course has been well-received by students, and putting it into a regular course rotation will allow students to plan ahead to include it in their schedules. It will serve as an advanced elective for students in the Ecology concentration.

**2. Add:** On page 146, new course, **ENVR 396, Woody Plants in Winter:**

**396 Woody Plants in Winter (4)**

Explores the morphology, anatomy, physiology, and natural history of trees, shrubs, and woody vines, including how woody plants are adapted to life in winter. Labs will focus on identification, using twigs, bark, and plant form. Participants must be capable of hiking on rough terrain in winter conditions. Prerequisite: ENVR 241. Odd Years Spring.

**Impact:** No significant impact. This course has been taught twice as a Special Topics class by Irene Rossell, the current instructor (the course filled both times it was offered). Putting it into a regular course rotation will allow students to plan ahead to include it in their schedules.

**Rationale:** The course will serve as an advanced elective for students in the Ecology concentration. It initially served as a replacement course for Dendrology, which Gary Miller taught before he retired.

**3. Delete:** On page 141, under Concentration in Ecology and Environmental Biology:

ENVR 312, 322, 323, 341, 343, 346, 348, 360, 364, 390.

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

ENVR 312, 322, 323, 341, 343, 346, **347**, 348, 360, 364, 390, **396**.

**Impact:** Students will have additional advanced ecology electives from which to choose.

**Rationale:** Editorial changes to add the courses to the list of the advanced ecology electives.