

ENVIRONMENTAL STUDIES & SCIENCE MAJORS

2021-22 USEFUL TIPS FOR INTERESTED NEW STUDENTS

The field of environmental studies and environmental sciences (ES) takes a transdisciplinary approach to understand the relationship between humans and the environment. The **B.A. degree in Environmental Studies** allows students to hone in on the cultural and societal issues in human-environment dynamics, while the **B.S. in Environmental Science** encourages students to approach environmental problems using skills and techniques from the natural sciences. The B.A. and B.S. degrees have a common core set of courses. During their first year, we recommend that students start with a course from the common core each semester.

FALL TERM

ES 105 – Introduction to Earth Studies (4 credits)

or

ES 207/207L – Ecology (6 credits) *

ECOLOGY Lecture and Lab must be from same Instructor

<u>Instructor</u>	<u>Lecture</u>	<u>Lab</u>
Godard	MWF 9:10-10:10 CRN 95326	M 1:30-4:30 (CRN 95330) T 1:30-4:30 (CRN 95332)
Gleim	TTH 8:50-10:20 CRN 95328	W 1:30-4:30 (CRN 95334) Th 1:30-4:30 (CRN 95336)
Allison	MWF 9:10-10:10 CRN TBA	T 1:30-4:30 (CRN TBA)

SPRING TERM

ES 104 – Introduction to Environmental Studies (4 credits)

The Common Core of the ES PROGRAM

- ES 104: Introduction to Environmental Studies (4)
- ES 105: Introduction to Earth Studies (4)
- ES 207: Ecology and ES 207L (4, 2)
- ES 212: Introduction to GIS (2)
- ES 261: Political Ecology (4)
- ES 262: Research Design and Methods for Environmental Issues (4)
- ES 470: Senior Seminar in Environmental Studies (4)
- *Experiential Component* (a related internship, Hollins Outdoor Leadership certificate, participation in Caribbean Ecology J-term or School for Field Studies abroad program, ES 391: Research/Service in Environmental Studies/Science, or ES 480: Senior Thesis)

SEPARATE PATH OF THE BA AND BS

BA Degree 12 courses	BS Degree 13-14 courses (plus labs)
<ul style="list-style-type: none"> • Core Curriculum (28 credits) • Experiential Component • STAT 140 or STAT 251 • One 200-300 level Environmental Science course (see catalogue for list of options). • Three 200-300 level Environmental Studies courses (see catalogue for options) 	<ul style="list-style-type: none"> • Current Core (28 credits) • Experiential Component • STAT 251 or PSY 208 & STAT 324 • Intro Chemistry CHEM 101/101L & 102/102L or CHEM 105/105L (<i>determined by placement test</i>) • One Earth Science Focused 200-300 level ES course (see catalogue for list of options). • One Field-based 200-300 level ES course (see catalogue for list of options). • Three additional ES Science Courses (see catalogue for list of options).

Frequently Asked Questions

Q: *What kind of **internships** have ES majors pursued?*

Here are a sampling of internships our students have obtained – *Chesapeake Bay Foundation, VA; Canaveral National Seashore, FL; Mountain Castle Soil and Water Division, Roanoke VA; Blue Ridge Land Conservancy, Roanoke, VA; Roanoke Clean Valley Council, Roanoke, VA; The Nature Conservancy, Charlottesville, VA; VMI Laboratories, Lexington, VA; Sierra Club - Cumberland Chapter, KY; Kentucky Division of Compliance Assistance, KY; George Washington National Forest Service, Roanoke, VA ; Southern Waterview Development, FL; National Zoo, Washington, D.C.* **We encourage you to pursue internship opportunities early and frequently during your academic career!**

Q: *Can I **go abroad** and still major in ES?*

We have several opportunities for ES majors to pursue their degree and student abroad – see below:

- Affiliate program with [the School for Field Studies \(SFS\)](#): research-based experience in ecology, environmental issues, and sustainable development in environmentally sensitive areas around the world – **4 courses can transfer directly to ES major**. Field station locations include: Costa Rica, Kenya Tanzania, Turks and Caicos, Panama, Australia, Chile, Bhutan, Peru, and Cambodia. For more information contact Renee Godard, Meg duBray, or the Study Abroad office.
- Affiliate program with **Limerick University**: traditional university setting often providing 1-2 ES related courses for our majors
- Caribbean Ecology J Term Research course: research based J-term travel course to Caribbean.

Q: *I think I only want to **MINOR in Environmental Studies**. What should I do?*

Our ES minors are required to take four core courses (ES 104, ES 105, ES 207/207L and ES 261) as well as any two additional courses from the list of ES elective courses (must take lab if offered).

Q: *I got a 4 or a 5 on the AP Environmental Science exam. Does this count towards my major?*

We applaud your success and know that you are well prepared for the ES program. You will receive 4 academic credits to apply towards your graduation credits.