The Major: The Environmental and Natural Resource Economics major is designed to give students an in-depth understanding of the linkages between the economy and the natural environment. This major teaches students to weigh options and make important decisions concerning the protection, restoration, development, and use of our natural resources. Students in this major develop a foundation in both the natural sciences and economics so as to understand the interactions between human society and our natural environment. The major is made up of two options: Green Markets and Sustainability (GMS) and Environmental Economics and Management (EEM). The GMS option has a stronger focus on environmental economics, but has considerable flexibility for students to sample broadly from courses across the University or to develop a related focus area (e.g., green business). The Environmental Economics and Management has a balanced focus on environmental economics and environmental sciences.

Career Options: This major prepares students for graduate school or for professional careers in the public and private sector which address environmental and natural resource management, business, or public policy. This degree qualifies graduates to gain employment in government settings, business, environmental organizations or economic analysis. Graduates go on to become a) environmentalists who discover where regulations and reforms are needed and who work to bring about change, b) regulators politicians who create policies that promote economic development while protecting the environment, c) business people who utilize natural resources efficiently and profitably within the regulations, d) lawyers who examine the constitutionality of national regulations and the legality of individual company policies.

Transfer out of UC: Must have completed at least 24 credits, minimum GPA of 2.00, and received permission from the UC major advisor.

The following is an example of the typical course schedule for the first 4 semesters for a student majoring in Environmental and Natural Resource Economics. These are recommended course selections for ENRE majors in University College; there will be variation based on course availability and schedule restraints. Some classes are not offered every semester. It is important to plan ahead and consult with your advisor to allow yourself time to enroll in the classes you wish to take.

<table>
<thead>
<tr>
<th>Semester I (Fall)</th>
<th>Semester II (Spring)</th>
</tr>
</thead>
<tbody>
<tr>
<td>URI 101 Traditions &amp; Transformations</td>
<td>1</td>
</tr>
<tr>
<td>EEC 105 Intro. Resource Econ.</td>
<td>3</td>
</tr>
<tr>
<td>NRS 100 Natural Resource Conservation</td>
<td>3</td>
</tr>
<tr>
<td>WRT 104/105 Composition</td>
<td>3</td>
</tr>
<tr>
<td>BIO 101 Principles of Biology I</td>
<td>4</td>
</tr>
<tr>
<td>General Ed. (Cat. A, L, or F)</td>
<td>3</td>
</tr>
</tbody>
</table>

Total credits: 17

<table>
<thead>
<tr>
<th>Semester III (Fall)</th>
<th>Semester IV (Spring)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geo 103 Understanding the Earth</td>
<td>4</td>
</tr>
<tr>
<td>EEC 310 Econ Res Mgt &amp; Policy</td>
<td>3</td>
</tr>
<tr>
<td>CHM 101 or 103 Intro to Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHM 102 or 105 Chemistry lab</td>
<td>1</td>
</tr>
<tr>
<td>General Ed. (Cat. A, L, or F)</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

Total credits: 17

Total credits: 17

Total credits: 16
Required for Both Options:

**General Education (36 credits):** All Category MQ (Mathematics and Quantitative Reasoning), and N (Natural Sciences) General Education requirements (15 cr.) are satisfied by courses taken as part of the major. Thus, to satisfy URI’s General Education requirements, ENRE students should take COM 100, WRT 104/105 or 106, 6 credits of Social Sciences, and only 15 credits of General Education courses from Category A (Fine Arts & Literature), L (Letters), or F (Foreign Language/Culture). See the URI Course Catalog (also on the web at [http://www.uri.edu/catalog/cataloghtml/index.html](http://www.uri.edu/catalog/cataloghtml/index.html)) for a listing of all General Education courses.

**Introduction to URI (1 Credit)**

URI 101 Traditions and Transformations: A Freshman Seminar

**Introductory Professional Courses (13 credits):**

- NRS 100 Natural Resource Conservation (3 credits)
- EEC 105 Introduction to Resource Economics (3 credits)
- EEC 205 Resource Management and Conservation (3 credits)
- GEO 103 Introduction to Geology (4 credits)

**Basic Sciences (12 Credits)**:

- BIO 101 Principles of Biology I (4 credits)
- BIO 102 Principles of Biology II (4 credits)
- CHM 103 Introductory Chemistry Lecture or CHM 101 General Chemistry Lecture (3 credits)
- CHM 105 Laboratory for Chemistry or CHM 102 General Chemistry I Lab (1 credit)

*(6 credits apply to Division N)*

**Communications (3 Credits)**

3 Credits in Writing, in addition to General Education Requirements

Option 1: Green Markets and Sustainability

**Concentration (24 credits):**

- ECN 328 Intermediate Microeconomic Theory or 323Intermediate Microeconomics (3 Credits)
- EEC 310 Economics for Environmental Resource Management and Policy (3 credits)
- EEC 432 Environmental Economics and Policy (3 credits)
- 15 Additional Credits in EEC or ECN at 300 level or above

**Supporting Sciences (9 credits):**

9 credits from AFS, AVS, BCH, BIO, CHM, CSC, STA, GEO, MTH, MIC, NRS, OCG, PHY, or PLS.

**Supporting Electives (21 credits):**

21 Credits Selected in Consultation with Your Advisor from the Attached Sheet. These could include credits from a minor (e.g. Leadership, Business, International Relations, Sustainability, or from one of a variety of disciplines such as Political Science, Marine Affairs, Geosciences, etc).

**Free Electives (6 credits):**

7 credits of your choice.
Option 2: Environmental Economics and Management

Additional Basic Sciences (20 credits):
- NRS 212 Soil Science (3 credits)
- BIO 262 Introduction to Ecology (3 credits)
- PHY 109 Introductory Physics (3 credits)
- PHY 110 Physics Lab (1 credit)
- MTH 131 Basic Calculus I (3 credits)
- STA 308 Introductory Statistics or STA 409 Statistical Methods in Research I (3 credits)
- CHM 124 Introduction to Organic Chemistry (3 credits)
- CHM 126 Laboratory for Chemistry 124 (1 credit)

Concentration (24 credits):
- EEC 310 Economics for Environmental Resource Management and Policy (3 credits)
- EEC 345 International Trade and the Environment (3 credits)
- EEC 350 Energy Economics (3 credits)
- EEC 410 Fish and Wildlife Economics (3 credits)
- EEC 440 Benefit-Cost Analysis (3 credits)
- EEC 441 Markets, Trade and Natural Resources (3 credits)

Plus Two courses from below
- EEC 345 International Trade and the Environment (3 credits)
- EEC 350 Energy Economics (3 credits)
- EEC 410 Fish and Wildlife Economics (3 credits)
- EEC 440 Benefit-Cost Analysis (3 credits)
- EEC 441 Markets, Trade and Natural Resources (3 credits)

Plus Any Four courses from below

Ecological Science
- NRS 301 Introduction to Forest Science (3 credits)
- NRS 302 Fundamentals of Forest Management (3 credits)
- NRS 304 Field Ornithology (3 credits)
- NRS 305 Principles of Wildlife Ecology and Management (3 credits)
- NRS 324 Biology of Mammals (3 credits)
- NRS 402 Wildlife Biometrics (3 credits)
- NRS 406 Wetland Wildlife (3 credits)

Soil and Watershed
- NRS 412 Soil-Water Chemistry (3 credits)
- NRS 423 Wetland Ecology (4 credits)
- NRS 425 Wetland Field Investigations (1 credit)
- NRS 424 Wetlands and Land Use (4 credits)
- NRS 440 Ecosystem Processes in Land and Water Management (3 credits)
- NRS 450 Soil Conservation and Land Use (3 credits)
- NRS 451 Soil and Water Conservation Technology (3 credits)
- NRS 471 Soil Morphology and Mapping (3 credits)

Geosciences
- GEO 305 Global Warming (4 Credits)
- GEO 468 Groundwater Chemistry (4 Credits)
- GEO 482 Innovative Sub-surface Remediation Technologies (4 Credits)
- GEO 483 Hydrogeology (4 credits)
- GEO 484 Environmental Hydrogeology (4 credits)

Supporting Electives (9 credits):
9 Credits Selected in Consultation with Your Advisor from the Attached Sheet These could include credits from a minor (e.g. Leadership, Business, International Relations, Sustainability, or from one of a variety of disciplines such as Political Science, Marine Affairs, Geosciences, etc).

Free Electives (7 credits): 7 credits of your choice.