

# THE UNIVERSITY OF RHODE ISLAND

**Environmental and Natural Resource Economics - B.S.**  
**Option: Environmental Economics and Management**  
 120 Earned Credits Total  
[web.uri.edu/enre](http://web.uri.edu/enre)

Student: \_\_\_\_\_  
 Student ID: \_\_\_\_\_  
 Advisor: \_\_\_\_\_

**General Education Guidelines:**

General education is 40 credits. Each of the twelve outcomes (A1-D1) must be met by at least 3 credits. A single course may meet more than one outcome, but cannot be double counted towards the 40 credit total. At least one course must be a Grand Challenge (G). No more than twelve credits can have the same course code. General education courses may also be used to meet requirements of the major or minor when appropriate.

**LIST COURSES THAT MEET GENERAL EDUCATION:**

**LIST COURSE AS EACH OUTCOME IS MET:**

General Education Credit Count						
At least 40 credits, no more than 12 credits with the same course code						
Course	Credit	Grade		Course	Credit	Grade
*NRS100	3					
*BIO101	3					
*BIO103	1					
*BIO102	3					
*BIO104	1					
*CHM101 or	3					
*CHM103						
*GEO103	4					
*MTH131	3					
*EEC105	3					
*EEC432	3					
				Total Gen Ed Credits		

General Education Outcome Audit		
	Course	Grade
<b>KNOWLEDGE</b>		
A1. STEM	*NRS100	
A2. Social & Behavioral Sciences	*EEC105	
A3. Humanities		
A4. Arts & Design		
<b>COMPETENCIES</b>		
B1. Write effectively		
B2. Communicate effectively		
B3. Mathematical, statistical, or computational strategies	*MTH131	
B4. Information literacy	*EEC432	
<b>RESPONSIBILITIES</b>		
C1. Civic knowledge & responsibilities		
C2. Global responsibilities		
C3. Diversity & Inclusion		
<b>INTEGRATE &amp; APPLY</b>		
D1. Ability to synthesize	*EEC432	
<b>GRAND CHALLENGE</b>		
G. At least one course of your 40 credits is an approved "G" course		

**NOTE: BECAUSE MOST COURSES MEET MORE THAN ONE OUTCOME, YOUR OUTCOME AUDIT MIGHT BE COMPLETED BEFORE YOU REACH YOUR 40 CREDITS. HOWEVER, YOU MUST STILL COMPLETE 40 CREDITS OF GENERAL EDUCATION**

\*course fulfills general education and a major requirement

**Requirements to transfer out of University College for Academic Success:** Must have completed at least 24 credits with a minimum cumulative 2.0 GPA, and received permission from the University College major advisor.

**Advising Notes:** \_\_\_\_\_  
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**Supporting Electives for Environmental and Natural Resource Economics**  
Effective 2021 - 2022

Subject	Code	Title	Credits
<b>Africana Studies</b>	AAF 410	Issues in African Development	3
<b>Aquaculture &amp; Fisheries Science</b>	AFS 200+	All courses 200 level and above	
<b>Anthropology</b>	APG 319	Cultural Behavior and Environment	3
	APG/PSY 405	Psychological Anthropology	3
	APG 413	Peoples of the Sea	3
<b>Animal and Veterinary Science</b>	AVS 300+	All courses 300 level and above	
<b>Biology</b>	BIO 200+	All courses 200 level and above	
<b>Business (including ACC, BAI, FIN, INE, MGT, MKT, SCA)</b>	BUS 200+ (ACC, BAI, FIN, INE, MGT, MKT, SCA)	All business courses 200 level and above including ACC, BAI, FIN, INE, MGT, MKT, SCA	
<b>Chemistry</b>	CHM 200+	All courses 200 level and above	
<b>Cell &amp; Molecular Biology</b>	*CMB 211	Introductory Microbiology	4
	CMB 300+	All courses 300 level and above	
<b>Communication Studies</b>	*COM/SUS 315	Environmental Dimensions of Communication	3
	COM 455	Science & Communication	3
<b>Community Planning</b>	CPL 391	Directed Study in Community Planning	1 to 3
	CPL 400+	All courses 400 level and above	
<b>Computer Science</b>	CSC 200	Computer Problem Solving for Science & Engineering	4
	*CSC 201	Introduction to Computer Programming	4
	CSC 211	Object Oriented Programming	4
	CSC 450	Scientific Computing	4
<b>Economics</b>	ECN 200 +	All courses 200 level and above	
<b>Environmental Economics</b>	EEC 200+	All courses 200 level and above	
<b>Entomology</b>	ENT 300+	All courses 300 level and above	
<b>Environmental Sciences</b>	EVS 300+	All courses 300 level and above	
<b>Geosciences</b>	GEO 210	Landforms: Origins & Evolution	4
	*GEO/EEC/NRS 234G	Introduction to Water Resources	3
	GEO 300+	All courses 300 level and above	
<b>Marine Affairs</b>	MAF 100+	All courses 100 level and above	
<b>Mathematics</b>	MTH 132	Applied Calculus II	3
	*MTH 142	Calculus II	4
	MTH 215+	All courses 215 and above	
<b>Nutrition &amp; Food Sciences</b>	NFS 400 +	All courses 400 level and above	
<b>Natural Resources Science</b>	NRS 200	Seminar in Natural Resources	1
	NRS 223	Conservation Biology	4
	*NRS/EEC/GEO 234G	Introduction to Water Resources	3
	NRS 300+	All courses 300 level and above	
<b>Oceanography</b>	OCG 300+	All courses 300 level and above	
<b>Philosophy</b>	*PHL 212	Ethics	3
	*PHL 215	Science & Inquiry	3
	*PHL 217	Social Philosophy	3
	PHL 451	Symbolic Logic	3
	*PHL 452G	Philosophy of Science	3
	PHL 453	Philosophy of the Social Sciences	3
<b>Plant Sciences</b>	PLS 200	Introduction to Plant Protection	4
	PLS 210	Plant Protection Practicum	2
	PLS 300+	All courses 300 level and above	
<b>Political Science</b>	PSC 211	World Politics	4
	PSC 300+	All courses 300 level and above	
<b>Psychology</b>	*PSY 301	Introduction to Experimental Psychology	3
	PSY 302	Applied Methods in Psychological Research	3
	PSY/APG 405	Psychological Anthropology	3
<b>Statistics</b>	STA 400+	All courses 400 level and above	
<b>Sustainability</b>	SUS 300+	All courses 300 level and above	
<b>Writing</b>	*WRT 332	Technical Writing	3

\*Courses that meet general education requirements.

\*\*APG310 Topics in Anthropology & COM410 Advanced Topics in Communication Studies are approved only if topics relevant to major

\*\*CVE300+ and OCE300+ are approved, but may not be accessible to most majors

**B.S. Environmental and Natural Resource Economics**  
**Option: Environmental Economics and Management - Effective Fall 2021**  
*College of the Environment and Life Sciences*  
**SAMPLE Four-Year Plan**

**Freshman Year *Fall* Semester**

Course Code	Description	Cr
URI 101	Planning for Academic Success	1
*EEC 105	Introduction to Resource Economics	3
*NRS 100	Natural Resource Conservation	3
*BIO 101/103	Principles of Biology I/Lab	4
	*General Education	3-4
		<b>14-15</b>

**Freshman Year *Spring* Semester**

Course Code	Description	Cr
EEC 205	Environmental Economics and Policy	3
*GEO 103	Understanding the Earth	4
*BIO 102/104	Principles of Biology II/Lab	4
	*General Education	3-4
	*General Education	3-4
		<b>17-19</b>

**Year 1 Milestones:** Earn 30 credits with a cumulative gpa of 2.0 or higher. EEC205 (offered spring only). Finalize ENRE option selection (GMS or EEM). Transfer from UC to CELS. Consider a summer internship.

**Sophomore Year *Fall* Semester**

Course Code	Description	Cr
*MTH 131	Applied Calculus I	3
NRS 212	Introduction to Soil Science	4
BIO 262	Introductory Ecology	4
	*General Education	3-4
	*General Education	3-4
		<b>17-19</b>

**Sophomore Year *Spring* Semester**

Course Code	Description	Cr
*CHM 101/102 or *CHM103/105	General Chemistry I/Lab, or Introductory Chemistry/Lab	4
STA 308	Introductory Statistics	4
	Supporting Elective	3-4
WRT _____	WRT 200 level or above	3-4
		<b>14-16</b>

**Year 2 Milestones:** Earn 60 credits with a cumulative gpa of 2.0 or higher. NRS212 (offered fall only). Consider a minor (optional). Meet with faculty advisor to plan jr/sr year courses and discuss internship/research/study opportunities.

**Junior Year *Fall* Semester**

Course Code	Description	Cr
EEC 310	Economics of Natural Resource Mgt & Policy	3
ECN328 or ECN 323	Interm. Econ. Theory: Pricing/Distrib; or Intermediate Microeconomics	3
	Concentration Science	3-4
	Supporting Elective	3-4
	Supporting Elective	3-4
		<b>15-19</b>

**Junior Year *Spring* Semester**

Course Code	Description	Cr
	Concentration Science	3-4
	Concentration Science	3-4
	Free Elective	3-4
	Supporting Elective	3-4
	Supporting Elective	3-4
		<b>15-19</b>

**Year 3 Milestones:** Earn 90 credits with a cumulative gpa of 2.0 or higher. EEC310 (offered fall only). Meet with faculty advisor to plan senior year courses, discuss internship/research opportunities, and prepare Intent to Graduate Application for fall submission.

**Senior Year *Fall* Semester**

Course Code	Description	Cr
EEC 440	Benefit-Cost Analysis	3-4
	Concentration Science	3-4
	Supporting Elective	3-4
	Supporting Elective	3-4
	*General Education	3-4
<b>Total Credits to Graduate = 120</b>		<b>15-19</b>

**Senior Year *Spring* Semester**

Course Code	Description	Cr
*EEC 432	Environmental & Resource Econ. & Policy	3
	*General Education	3-4
	Free Elective	3-4
	Free Elective	3-4
	Free Elective	3-4
		<b>15-19</b>

**Year 4 Milestones:** Complete all remaining courses and requirements. EEC440 (offered fall only) and EEC432 (offered spring only). Minimum of 120 earned credits with a cumulative gpa of 2.0 or higher; and minimum 2.0 gpa in major concentration courses.