

# THE UNIVERSITY OF RHODE ISLAND

**Environmental and Natural Resource Economics - B.S.**

**Option: Green Markets and Sustainability**

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					
*BIO101/103	4					
*CHM101 or *CHM 103	3					
*GEO100G (A1/C2/G) or *GEO103 (A1/B4)	3 or 4					
*MTH _____	3					
*EEC105	3					
*EEC432	3					
				Total Gen Ed Credits		

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

**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

**Transfer out of University College for Academic Success Requirement:** 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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**THE UNIVERSITY OF RHODE ISLAND**

**Environmental and Natural Resource Economics - B.S.**

**Option: Green Markets and Sustainability**

120 Earned Credits Total

Student: \_\_\_\_\_

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**ABOUT THE BS IN ENVIRONMENTAL & NATURAL RESOURCE ECONOMICS:**

**GREEN MARKETS & SUSTAINABILITY OPTION**

Green Markets and Sustainability (GMS) option is recommended for students who seek a career in business, governmental and non-governmental organizations dealing with a wide range of environmental topics, including: green business, renewable energy, fisheries, coastal management, sustainable development, and others. Students in this option will study areas such as management of our international fisheries and other marine resources, efficient use of land and water resources, and how green markets can protect the environment while also helping to alleviate global poverty. It is also recommended for students planning to do graduate studies in environmental economics, or go to law school with an interest in environmental law or international disputes involving natural resources. The GMS option has a stronger focus on environmental economics than EEM, and at the same time allows considerable flexibility for students to sample broadly from courses across the University or to develop a related focus area (e.g., green business). Please consult the Environmental & Natural Resource Economics website at: <http://web.uri.edu/enre/>

**REVIEW YOUR PROGRAM REQUIREMENTS:**

<b>Intro. to URI &amp; Professional Courses: (10 credits)</b>			
Course	Semester	Credits	Grade
URI 101		1	
*NRS 100		3	
*EEC 105		3	
EEC 205		3	

<b>WRITING 200+ Level Requirement: (3-4 credits)</b>			
Course	Semester	Credits	Grade
WRT _____		3 or 4	

**BASIC & SUPPORTING SCIENCE (min. 21 credits)**  
*Required Basic & Supporting Science Courses (16-18 cr.)*

Course	Semester	Credits	Grade
*BIO 101/103		4	
*CHM 101; or *CHM 103		3	
*GEO 100G (3); or *GEO 103 (4)		3 or 4	
*MTH _____ (see note below)		3	
STA 307, 308, 409, or BUS 210		3 or 4	

*Note: \*MTH 131 is strongly recommended. May substitute only with \*MTH 103, \*MTH 111, or \*BUS 111.*

**Remaining Basic & Supporting Science credits (3-5 cr.):**  
 Choose courses from these categories: AFS, AVS, BIO, BUS (210 & 212 only), CHM, CMB, CSC, GEO, MTH, NRS, OCG, PHY, PLS, and STA.

Course	Semester	Credits	Grade

\*Course approved for general education

Minimum 2.0 GPA required in major for graduation.

Minimum 2.0 cumulative GPA required for graduation.

**CONCENTRATION Requirement: (24 credits)**  
 300 level or above; minimum 15 credits in EEC; up to 9 credits in ECN or BUS.

Course	Semester	Credits	Grade
ECN 323; or ECN 328		3	
EEC 310		3	
*EEC 432		3	
EEC 440		3	
EEC		3	
EEC		3	
EEC or BUS or ECN _____		3	
EEC or BUS or ECN _____		3	

**Supporting Electives (27 credits)**  
 See list of approved courses. →

Course	Semester	Credits	Grade

**Free Electives:** Courses taken beyond the requirements of the major and general education. A total of 120 earned credits is required for graduation.

Course	Semester	Credits	Grade

**Supporting Electives for Environmental and Natural Resource Economics  
Effective 2018 - 2019**

<b>Subject</b>	<b>Code</b>	<b>Title</b>	<b>Credits</b>
<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</b>	BUS 200+	All courses 200 level and above	
<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: Green Markets and Sustainability - Effective Fall 2018**  
*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
	*General Education	3
		<b>17</b>

**Freshman Year *Spring* Semester**

Course Code	Description	Cr
*MTH 103, *111, *131, or BUS111	Applied Precalculus, Precalculus, Applied Calculus, or Intro Bus. Analys. & Appl. (based on placement)	3
*GEO 100G or *GEO 103	Environmental Geology or Understanding the Earth	3-4
EEC 205	Environmental Economics and Policy	3
	*General Education	3
	*General Education	3
		<b>15-16</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
EEC 310	Ecn. of Natural Resource Mgt. & Policy	3
ECN 328, or ECN 323	Int. Econ. Theory: Pricing & Distrib., or Intermediate Microeconomics	3
*CHM 101, or *CHM 103	General Chemistry, or Intro to Chemistry	3
	Supporting Science Elective	3-4
	*General Education	3-4
		<b>15-17</b>

**Sophomore Year *Spring* Semester**

Course Code	Description	Cr
	Concentration Elective	3-4
STA 307, 308, 409, or BUS 210	Intro Biostatistics Intro. Statistics, Statistical Methods in Res., or Manag. Stats.	3-4
	*General Education	3-4
	*General Education	3-4
WRT_____	WRT 200 level or above	3-4
		<b>15-19</b>

**Year 2 Milestones:** Earn 60 credits with a cumulative gpa of 2.0 or higher. EEC310 (offered fall only). Consider a minor (optional). Meet with faculty advisor to plan jr/sr year courses and discuss internship/research/study abroad opportunities.

**Junior Year *Fall* Semester**

Course Code	Description	Cr
EEC 440	Benefit-Cost Analysis	3
	Concentration Elective	3-4
	Supporting Elective	3-4
	Supporting Elective	3-4
	*General Education	3-4
		<b>15-19</b>

**Junior Year *Spring* Semester**

Course Code	Description	Cr
	Concentration Elective	3-4
	Concentration Elective	3-4
	Supporting Elective	3-4
	Supporting Elective	3-4
	*General Education	3-4
		<b>15-19</b>

**Year 3 Milestones:** Earn 90 credits with a cumulative gpa of 2.0 or higher. EEC440 (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
	Supporting Science Elective	3-4
	Supporting Elective	3-4
	Supporting Elective	3-4
	Free Elective	3-4
	Free Elective	3-4
		<b>15-19</b>

**Senior Year *Spring* Semester**

Course Code	Description	Cr
*EEC 432	Environmental and Resource Economics and Policy	3
	Supporting Elective	3-4
	Supporting Elective	3-4
	Supporting Elective	3-4
	*General Education	3-4
		<b>15-19</b>

**Total Credits to Graduate = 120**

**Year 4 Milestones:** Complete all remaining courses and requirements. 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.