# 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**

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:**

| General Education Credit Count<br>At least 40 credits, no more than 12 credits with the same course code | | | | | | |
|---|---|---|---|---|---|---|
| **Course** | **Credit** | **Grade** | | **Course** | **Credit** | **Grade** |
| *NRS100 | 3 | | | | | |
| *EEC105 | 3 | | | | | |
| *GEO100G (A1/C2/G) **or** *GEO103 (A1/B4) | 3 or 4 | | | | | |
| *MTH _____ | 3 | | | | | |
| *EEC432 | 3 | | | | | |
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| | | | | Total Gen Ed Credits | | |
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**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

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

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

**Requirement 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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**Environmental and Natural Resource Economics - B.S.**
**Option: Green Markets and Sustainability**
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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/

**PROGRAM REQUIREMENTS:**

| **INTRO to URI & PROFESSIONAL COURSES: 10 credits** | | | |
|---|---|---|---|
| **Course** | **Semester** | **Credits** | **Grade** |
| URI 101 | | 1 | |
| *NRS 100 | | 3 | |
| *EEC 105 | | 3 | |
| EEC 205 | Spring | 3 | |

| **WRITING 200+ Level Requirement: 3-4 credits** | | | |
|---|---|---|---|
| **Course** | **Semester** | **Credits** | **Grade** |
| WRT _____ | | 3 or 4 | |

| **BASIC & SUPPORTING SCIENCES Minimum 21 credits** | | | |
|---|---|---|---|
| **Required Basic & Supporting Science Courses *(9-11 credits)*** | | | |
| **Course** | **Semester** | **Credits** | **Grade** |
| *GEO 100G (3); **or** *GEO 103 (4) | | 3 or 4 | |
| *MTH _____ (see note below) | | 3 | |
| STA 307 (4) **or** 308 (4) **or** 409 (3) **or** BAI 210 (3) | | 3 or 4 | |
| *Note: *MTH 131 is strongly recommended. May substitute only with *MTH 103, *MTH 111, or *BAI 111.* | | | |
| **Remaining Basic & Supporting Science Courses *(balance to reach 21 credits):*** Choose courses from the following categories: AFS, AVS, BIO, BAI (210 & 212 only), CHM, CMB, CSC, GEO, MTH, NRS, OCG, PHY, PLS, and STA. | | | |
| **Course** | **Semester** | **Credits** | **Grade** |
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*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** Must be 300 level or above; minimum 15 credits in EEC; up to 9 concentration credits may be in Economics (ECN) or Business (ACC, BAI, FIN, INE, MGT, MKT, SCA) | | | |
|---|---|---|---|
| **Course** | **Semester** | **Credits** | **Grade** |
| ECN 323; **or** ECN 328 | | 3 | |
| EEC 310 | Fall | 3 | |
| *EEC 432 | Spring | 3 | |
| EEC 440 | Fall | 3 | |
| EEC _____ | | 3 | |
| EEC _____ | | 3 | |
| EEC, Business, or ECN _____ | | 3 | |
| EEC, Business, or ECN _____ | | 3 | |

| **SUPPORTING ELECTIVES: 27 credits See list of approved courses →** | | | |
|---|---|---|---|
| **Course** | **Semester** | **Credits** | **Grade** |
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| **FREE ELECTIVES:** Courses taken beyond the requirements of the major and general education to reach the 120 credits required for graduation. | | | |
|---|---|---|---|
| **Course** | **Semester** | **Credits** | **Grade** |
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**Effective: 2024 - 2025**

| Supporting Electives for Environmental and Natural Resource Economics<br>Effective 2024 - 2025 | | | |
|---|---|---|---|
| **Subject** | **Code** | **Title** | **Credits** |
| **Africana Studies** | AAF 410 | Issues in African Development | 3 |
| **Aquaculture & Fisheries Science** | AFS 200+ | All courses 200 level and above | |
| **Anthropology** | APG 319 | Cultural Behavior and Environment | 3 |
| | APG/PSY 405 | Psychological Anthropology | 3 |
| | APG 413 | Peoples of the Sea | 3 |
| **Animal and Veterinary Science** | AVS 300+ | All courses 300 level and above | |
| **Biology** | BIO 200+ | All courses 200 level and above | |
| **Business (including ACC, BAI, FIN, INE, MGT, MKT, SCA)** | BUS 200+ (ACC, BAI, FIN, INE, MGT, MKT, SCA) | All business courses 200 level and above including ACC, BAI, FIN, INE, MGT, MKT, SCA. | |
| **Chemistry** | CHM 200+ | All courses 200 level and above | |
| **Cell & Molecular Biology** | *CMB 211 | Introductory Microbiology | 4 |
| | CMB 300+ | All courses 300 level and above | |
| **Communication Studies** | *COM/SUS 315 | Environmental Dimensions of Communication | 3 |
| | COM 455 | Science & Communication | 3 |
| **Community Planning** | CPL 391 | Directed Study in Community Planning | 1 to 3 |
| | CPL 400+ | All courses 400 level and above | |
| **Computer Science** | 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 |
| **Economics** | ECN 200 + | All courses 200 level and above | |
| **Environmental Economics** | EEC 200+ | All courses 200 level and above | |
| **Entomology** | ENT 300+ | All courses 300 level and above | |
| **Environmental Sciences** | EVS 300+ | All courses 300 level and above | |
| **Geosciences** | *GEO 210 | Landforms: Origins & Evolution | 4 |
| | *GEO/EEC/NRS 234G | Introduction to Water Resources | 3 |
| | GEO 300+ | All courses 300 level and above | |
| **Marine Affairs** | MAF 100+ | All courses 100 level and above | |
| **Mathematics** | MTH 132 | Applied Calculus II | 3 |
| | *MTH 142 | Calculus II | 4 |
| | MTH 215+ | All courses 215 and above | |
| **Nutrition & Food Sciences** | NFS 400 + | All courses 400 level and above | |
| **Natural Resources Science** | 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 | |
| **Oceanography** | OCG 300+ | All courses 300 level and above | |
| **Philosophy** | *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 |
| **Plant Sciences** | PLS 200 | Introduction to Plant Protection | 4 |
| | PLS 210 | Plant Protection Practicum | 2 |
| | PLS 300+ | All courses 300 level and above | |
| **Political Science** | PSC 211 | World Politics | 4 |
| | PSC 300+ | All courses 300 level and above | |
| **Psychology** | *PSY 301 | Introduction to Experimental Psychology | 3 |
| | PSY 302 | Applied Methods in Psychological Research | 3 |
| | PSY/APG 405 | Psychological Anthropology | 3 |
| **Statistics** | STA 400+ | All courses 400 level and above | |
| **Sustainability** | SUS 300+ | All courses 300 level and above | |
| **Writing** | *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 2024
## *College of the Environment and Life Sciences*
## SAMPLE Four-Year Plan

### First 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 |
| *GEO 100G or *GEO 103 | Environmental Geology or Understanding the Earth | 3-4 |
| | *General Education | 3 |
| | *General Education | 3 |
| | | **16-17** |

### First Year *Spring* Semester

| Course Code | Description | Cr |
|---|---|---|
| EEC 205 | Environmental Economics and Policy | 3 |
| *MTH 103, *111, *131, or BAI 111 | Applied Precalculus, Precalculus, Applied Calculus, or Intro Bus. Analys. & Appl. (based on placement) | 3 |
| | Basic & Supporting Science Elective | 3-4 |
| | *General Education | 3 |
| | *General Education | 3 |
| | | **15-16** |

**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 |
| | Supporting Elective | 3 |
| | Basic & Supporting Science Elective | 3-4 |
| | *General Education | 3 |
| | | **15-16** |

### Sophomore Year *Spring* Semester

| Course Code | Description | Cr |
|---|---|---|
| | Concentration Elective | 3 |
| STA 307, 308 409, or BAI 210 | Intro Biostatistics, Intro. Statistices, Statistical Methods in Res., or Manag. Stats. | 3-4 |
| | *General Education | 3 |
| | *General Education | 3 |
| WRT_____ | WRT 200 level or above | 3-4 |
| | | **15-17** |

**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 |
| | Supporting Elective | 3 |
| | Basic & Supporting Science Elective | 3-4 |
| | *General Education | 3 |
| | | **15-16** |

### Junior Year *Spring* Semester

| Course Code | Description | Cr |
|---|---|---|
| | Concentration Elective | 3 |
| | Concentration Elective | 3 |
| | Supporting Elective | 3 |
| | Supporting Elective | 3 |
| | *General Education | 3 |
| | | **15** |

**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 Elective | 3 |
| | Supporting Elective | 3 |
| | Basic & Supporting Science Elective | 3-4 |
| | Free Elective | 3 |
| | Free Elective | 3 |
| **Total Credits to Graduate = 120** | | **15-16** |

### Senior Year *Spring* Semester

| Course Code | Description | Cr |
|---|---|---|
| *EEC 432 | Environmental & Resource Econ. & Policy | 3 |
| | Supporting Elective | 3 |
| | Supporting Elective | 3 |
| | Supporting Elective | 3 |
| | Free Elective | 3 |
| | | **15** |

**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.**

**Effective: 2024 - 2025**