

B.A. in Environmental & Sustainability Studies

Program Guide for **New First-Year Students** (Effective Spring 2020)

Dept. of Geography, Planning & Sustainability

Students who entered Rowan University prior to Fall 2020 should follow the guide for their program and start year in consultation with their advisor.

Rowan University Graduation Requirements for all Majors / Degrees

- Students must complete at least 120 semester hours (sh) of coursework that apply to their Rowan University degree.
- Students must have a cumulative GPA of at least 2.0 in Rowan University coursework. (Transfer courses/credit do not count toward the RU GPA.)
- A minimum of 30 sh of coursework must be completed at/through Rowan University.
- Only grades of "D-" or above may apply to graduation/degree requirements. (Some programs may set higher minimums.)
- Students must meet the Rowan Core and Rowan Experience Requirements.
 - An individual course can potentially satisfy one Rowan Core literacy and/or multiple Rowan Experience attributes.
 - Rowan Core and Rowan Experience designations are listed in course details in Section Tally (www.rowan.edu/registrar) and may also be searched on that site under "Attributes." A list of Rowan Core courses is here: <https://sites.rowan.edu/academic-affairs/officeofacademicaaffairs/assessment/rowan-core/index.html>
- Students must apply for graduation and should do so for the term in which they will complete all program requirements.

Program-Specific Graduation Requirements for this Major / Degree

- Students must receive a grade of C or better in all courses satisfying Major requirements.

Rowan Core Requirements¹

*Students must satisfy all **six** Rowan Core Literacies. A minimum total of 3 sh of coursework is required to satisfy each Literacy.*

With the exception of the 9 sh counted here for Communicative Literacy, credits attached to the courses in this section will apply elsewhere.

- (COML) Communicative Literacy: *Must be met by the following three courses or their official equivalents:*
 - COMP 01111 College Composition I (3 sh) COMP 01112 College Composition II (3 sh) CMS 04205 Public Speaking (3 sh)
- (ARTL) Artistic Literacy *Recommendation from major:* GEOG 16160 (3 sh counted under major)
- (GLBL) Global Literacy *Recommendation from major:* GEOG 16100 (3 sh counted under major)
- (HUML) Humanistic Literacy *Recommendation from major:* ECON 04102 or PLAN 31280 (3 sh counted under major)
- (QNTL) Quantitative Literacy *Recommendation from major:* STAT 02260 (3 sh counted under major)
- (SCIL) Scientific Literacy *Recommendation from major:* GEOG 16130

[Subtotal of credits counted in this section: 9 s.h.]

Rowan Experience Requirements

Students must satisfy all three Rowan Experience attributes. Credits attached to the courses in this section will apply elsewhere.

- (LIT) Broad-Based Literature Attribute *Recommendation from major:*
- (WI) Writing Intensive Attribute *Recommendation from major:* ENST 94401 (3 sh counted under major)
- (RS) Rowan Seminar Attribute² *Recommendation from major:* GEOG 16100 (3 sh counted under major)

Non-Program Courses (minimum 18 sh)

Courses in this section cannot be in the major department.

| Course # | Course Name | Course Attributes / Notes | Sem/Yr | Grade | Credits |
|------------------------|-------------|---------------------------|--------|-------|---------|
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| Subtotal: 18 sh | | | | | |

¹ The Rowan Core requirements are waived for transfer students with an earned A.A. or A.S. degree from a NJ community/county college.

² The Rowan Seminar requirement is waived for all students transferring 24 or more approved credits into Rowan University at the time of initial entry.

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Major Requirements (52-53 sh)

SUMMARY OF MAJOR REQUIREMENTS

- 34 sh of Environmental & Sustainability Studies Foundational Courses
 - 3 sh of Environmental Humanities Elective
 - 3 sh of Environmental Policy, Economics, & Social Sciences Elective
 - 3-4 sh of Sustainability Studies Elective
 - 9 sh of Environmental and Sustainability Studies Program Electives
-
- 52-53 sh total

ENVIRONMENTAL & SUSTAINABILITY STUDIES FOUNDATIONAL COURSES

| Course # | Course Name | Course Attributes / Notes | Sem/Yr | Grade | Credits |
|------------------------|--|--|--------|-------|---------|
| ECON 04102 | Microeconomics | Satisfies Humanistic Literacy | | | 3 |
| STAT 02260 | Statistics 1 | Satisfies Quantitative Literacy | | | 3 |
| ENST 94101 | Planet in Peril: Environmental Science in the 21 st Century | | | | 3 |
| ENST 94102 | Human Nature: Intro. to Environ. & Sustain. Studies | Satisfies Writing Intensive requirement | | | 3 |
| ENST 94301 | Environmental Ethics | | | | 3 |
| ENST 94202 | Environmental Science Research Methods & Data Analysis | Prereq STAT 02260; ENST 94101 | | | 4 |
| ENST 94401 | Senior Seminar in Environ. & Sustain. Studies | Prereq ENST 94202 | | | 3 |
| GEOG 16100 | Earth, People, and the Environment | Satisfies Global Literacy & Rowan Experience Seminar requirement | | | 3 |
| GEOG 16160 | Intro. to Mapping & GIS | Satisfies Artistic Literacy | | | 3 |
| GEOG 16390 | Internship / Research Clinic | 120 hours | | | 3 |
| PLAN 31280 | Foundations of Planning & Environmental Design | Satisfies Humanistic Literacy | | | 3 |
| Subtotal: 34 sh | | | | | |

ENVIRONMENTAL HUMANITIES ELECTIVE

Choose one of the courses below

| | Course # | Course Name | Course Attributes / Notes | Sem/Yr | Grade | Credits |
|-----------------------|------------|--|---|--------|-------|---------|
| <input type="radio"/> | ENGL 02123 | Topics in Literature: Environmental Literature | <i>Must be "Lit. & the Env." section!</i> | | | 3 |
| <input type="radio"/> | ENST 94302 | Technology & the Environment | | | | 3 |
| <input type="radio"/> | GEOG 16308 | Sensing the Sustainable City | | | | 3 |
| <input type="radio"/> | HIST 95429 | ST: Environmental History | | | | 3 |
| <input type="radio"/> | PHRE 11360 | Spirituality & Nature | | | | 3 |
| <input type="radio"/> | RTF 03285 | Experiencing Documentary | | | | 3 |
| <input type="radio"/> | WA 01325 | Scientific Writing & Rhetoric | | | | 3 |
| Subtotal: 3 sh | | | | | | |

ENVIRONMENTAL POLICY, ECONOMICS, & SOCIAL SCIENCES ELECTIVE

Choose one of the courses below

| | Course # | Course Name | Course Attributes / Notes | Sem/Yr | Grade | Credits |
|-----------------------|------------|--|---------------------------|--------|-------|---------|
| <input type="radio"/> | ANTH 02321 | Cultural Ecology | | | | 3 |
| <input type="radio"/> | ECON 04210 | Environmental Economics | | | | 3 |
| <input type="radio"/> | GEOG 16301 | Natural Resources, Capitalism, & Society | | | | 3 |
| <input type="radio"/> | POSC 07385 | Environmental Policy | | | | 3 |
| <input type="radio"/> | PSY 05205 | Environmental Psychology | | | | 3 |
| <input type="radio"/> | SOC 08400 | Environment, Policy & Society | | | | 3 |
| Subtotal: 3 sh | | | | | | |

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SUSTAINABILITY STUDIES ELECTIVE

Choose one of the courses below

| | Course # | Course Name | Course Attributes / Notes | Sem/Yr | Grade | Credits |
|-------------------------|------------|--|---------------------------|--------|-------|---------|
| <input type="radio"/> | CEE 08436 | Sustain. Technologies for the Built Env. | | | | 3 |
| <input type="radio"/> | CEE 08437 | Sustain. Buildings | | | | 3 |
| <input type="radio"/> | ENST 94400 | Environmental Impact Assessment | | | | 3 |
| <input type="radio"/> | GEOG 16260 | Fundamentals of GIS | | | | 4 |
| <input type="radio"/> | GEOG 16307 | Geography of Transportation | | | | 3 |
| <input type="radio"/> | GEOG 16334 | The Geography of Natural Disasters | | | | 3 |
| <input type="radio"/> | PLAN 31384 | Water Resources Planning | | | | 3 |
| <input type="radio"/> | PLAN 31386 | Land Use and Conservation | | | | 3 |
| <input type="radio"/> | PLAN 31389 | Environmental / Sustainable Planning | | | | 3 |
| <input type="radio"/> | PLAN 31387 | Food Systems Planning | | | | 3 |
| Subtotal: 3-4 sh | | | | | | |

ENVIRONMENTAL & SUSTAINABILITY STUDIES PROGRAM ELECTIVES

Choose 9 s.h. in consultation with your advisor and/or the Program Coordinator. The courses should contribute towards another major, a minor or a CUGS program at Rowan.

| Course # | Course Name | Course Attributes / Notes | Sem/Yr | Grade | Credits |
|-----------------------|-------------|---------------------------|--------|-------|---------|
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| Subtotal: 9 sh | | | | | |

Free Electives for this Major/Degree (40-41 sh)

Students should choose Free Electives that satisfy any Rowan Core or Rowan Experience requirements that are not fulfilled by Major or Non-Program courses.

| Course # | Course Name | Course Attributes / Notes | Sem/Yr | Grade | Credits |
|---------------------------|-------------|---------------------------|--------|-------|---------|
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| Subtotal: 40-41 sh | | | | | |

Total Program Credits Required for this Major / Degree: 120 SH