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/officeofacademicaffairs/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 Requirements[1]

*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 Attribute[2]　　*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

Subtotal: 18 sh

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[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 21st 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
◯	ENGL 02123	Topics in Literature: Environmental Literature	*Must be "Lit. & the Env." section!*			3
◯	ENST 94302	Technology & the Environment				3
◯	GEOG 16308	Sensing the Sustainable City				3
◯	HIST 95429	ST: Environmental History				3
◯	PHRE 11360	Spirituality & Nature				3
◯	RTF 03285	Experiencing Documentary				3
◯	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
◯	ANTH 02321	Cultural Ecology				3
◯	ECON 04210	Environmental Economics				3
◯	GEOG 16301	Natural Resources, Capitalism, & Society				3
◯	POSC 07385	Environmental Policy				3
◯	PSY 05205	Environmental Psychology				3
◯	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
○	CEE 08436	Sustain. Technologies for the Built Env.				3
○	CEE 08437	Sustain. Buildings				3
○	ENST 94400	Environmental Impact Assessment				3
○	GEOG 16260	Fundamentals of GIS				4
○	GEOG 16307	Geography of Transportation				3
○	GEOG 16334	The Geography of Natural Disasters				3
○	PLAN 31384	Water Resources Planning				3
○	PLAN 31386	Land Use and Conservation				3
○	PLAN 31389	Environmental / Sustainable Planning				3
○	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
				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
				Subtotal: 40-41 sh	

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