

# B.A in Environmental & Sustainability Studies + MBA

## Program Guide for **New First-Year Students** (Effective Fall 2019) Department of Geography, Planning & Sustainability Rohrer College of Business

### 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](http://www.rowan.edu/registrar)) and may also be searched on that site under "Attributes." A list of Rowan Core courses is here: <https://confluence.rowan.edu/display/AS/Rowan+Core+Course+List>.
- 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 including Business Foundations courses.
- For graduate-level courses: students may earn no more than two total "C" grades of any combination of "C+" or "C." (C- grades are not acceptable.); earn no grades lower than a "C";
- Students must earn an official cumulative GPA (according to matriculation level) of at least 3.000 on Rowan's 4.000 scale

### Rowan Core Requirements<sup>1</sup>

*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:*
- (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:*

Subtotal of credits counted in this section: 9 sh

### 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:* ENG 02123 ("Lit.&Env." sections only; 3 sh counted under major)
- (WI) Writing Intensive Attribute             *Recommendation from major:*
- (RS) Rowan Seminar Attribute<sup>2</sup>             *Recommendation from 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
<b>Subtotal: 18 sh</b>					

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

<sup>2</sup> 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 (118-119 sh)

### SUMMARY OF MAJOR REQUIREMENTS

- 34 sh of Environmental & Sustainability Studies Foundational Courses
  - 9-10 sh total of Environmental Humanities; Environmental Policy, Economics, & Social Sciences; and Sustainability Studies Electives
  - 9 sh of Environmental & Sustainability Studies Program Electives
  - 30 sh of Business Foundation Courses
  - 12 sh of MBA courses taken as undergraduate
  - 24 sh of MBA courses taken as a graduate student
- 
- 118-119 sh total

### ENVIRONMENTAL & SUSTAINABILITY STUDIES FOUNDATIONAL COURSES

Course #	Course Name	Course Attributes / Notes	Sem/Yr	Grade	Credits
ECON 04102	Microeconomics	<i>Satisfies Humanistic Literacy</i>			3
STAT 02260	Statistics 1	<i>Satisfies Quantitative Literacy</i>			3
ENST 94101	Environmental Studies: Physical Perspectives				3
ENST 94102	Human Nature: Intro. to Environ. & Sustain. Studies				3
ENST 94301	Environmental Ethics				3
ENST 94321	Field Methods & Research Design				4
ENST 94401	Senior Seminar in Environ. & Sustain. Studies				3
GEOG 16100	Earth, People, and the Environment				3
GEOG 16160	Intro. to Mapping & GIS	<i>Satisfies Artistic Literacy</i>			3
GEOG 16390	Internship / Research Clinic				3
PLAN 31280	Foundations of Planning & Environmental Design	<i>Satisfies Humanistic Literacy</i>			3
<b>Subtotal: 34 sh</b>					

### ENVIRONMENTAL HUMANITIES ELECTIVE

Choose one of the courses below<sup>3</sup>

	Course #	Course Name	Course Attributes / Notes	Sem/Yr	Grade	Credits
<input type="radio"/>	ENG 02123	Experiencing Literature – Literature & the Env.	<i>Must be "Lit. &amp; 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 05333	Environmental History				3
<input type="radio"/>	REL 10360	Spirituality & Nature				3
<input type="radio"/>	RTF 03351	Experiencing Documentary				3
<input type="radio"/>	WA 01325	Scientific Writing & Rhetoric				3
<b>Subtotal: 3 sh</b>						

### ENVIRONMENTAL POLICY, ECONOMICS, & SOCIAL SCIENCES ELECTIVE

Choose one of the courses below<sup>3</sup>

	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
<b>Subtotal: 3 sh</b>						

### SUSTAINABILITY STUDIES ELECTIVE

Choose one of the courses below<sup>43</sup>

	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

<sup>3</sup> Additional courses may be accepted to meet these requirements with the approval of the Program Coordinator for Environmental & Sustainability Studies.

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<input type="radio"/>	ENST 94400	Environmental Impact Assessment				3
<input type="radio"/>	GEOG 16260	Fundamentals of GIS				4
<input type="radio"/>	GEOG 16307	Transportation Geography				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	
						Subtotal: 9 sh

## BUSINESS FOUNDATIONS COURSES

<input type="radio"/>	ECON 04101	Macroeconomics				3
<input type="radio"/>	MATH 03125	Calculus Techniques and Applications or Calculus I				3
	MATH 01130					
<input type="radio"/>	MGT 98242	Legal Environment of Business				3
<input type="radio"/>	ACC 03210	Principles of Accounting I				3
<input type="radio"/>	ACC 03211	Principles of Accounting II				3
<input type="radio"/>	MKT 09200	Principles of Marketing				3
<input type="radio"/>	MIS 02234	Management Information Systems				3
<input type="radio"/>	MGT 06300	Organizational Behavior				3
<input type="radio"/>	FIN 04300	Principles of Finance				3
<input type="radio"/>	MGT 06305	Operations Management				3
						Subtotal: 30 sh

## MBA COURSES

\*Indicates course taken as undergraduate student

<input type="radio"/>	MGT 06500	Designing, Developing, and Leading High Performance Organizations*				3
<input type="radio"/>	MGT 01510	Professional, Legal, and Managerial Responsibilities*				3
<input type="radio"/>	MGT 06502	International Business and Society*				3
<input type="radio"/>	MIS 02500	Issues in Management Information Systems*				3
<input type="radio"/>	MGT 07500	Managerial Decision Making Tools				3
<input type="radio"/>	MKT 09500	Marketing Management				3
<input type="radio"/>	ACC 03500	Managerial Accounting				3
<input type="radio"/>	FIN 04500	Financial Decision Making				3
<input type="radio"/>	MGT 06629	Managing Organizational Strategy				3
<input type="radio"/>		MBA Elective Course				3
<input type="radio"/>		MBA Elective Course				3
<input type="radio"/>		MBA Elective Course				3
						Subtotal: 36 sh

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## Free Electives for this Major/Degree (16-17 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: 16-17 sh

Total Program Credits Required for this Major / Degree: 144 SH