

# B.A in Environmental & Sustainability Studies + MBA

## Program Guide for **New First-Year Students** (Effective Fall 2022) 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 |
|-----------------|-------------|---------------------------|--------|-------|---------|
|                 |             |                           |        |       |         |
|                 |             |                           |        |       |         |
|                 |             |                           |        |       |         |
|                 |             |                           |        |       |         |
|                 |             |                           |        |       |         |
|                 |             |                           |        |       |         |
| Subtotal: 18 sh |             |                           |        |       |         |

<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 (145-146 s.h.)

### 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   | Satisfies Humanistic Literacy   |        |       | 3               |
| STAT 02260                  | Statistics 1   | Satisfies Quantitative Literacy |        |       | 3               |
| ENST 94101 or<br>EVSC 01121 | Planet in Peril: Env. Sci. in the 21 <sup>st</sup> Century<br>– or – Global Environmental Change |                                 |        |       | 3               |
| ENST 94102                  | Human Nature: Intro. to Environ. & Sustain. Studies  |                                 |        |       | 3               |
| ENST 94202                  | Env. Sci. Research Methods and Data Analysis   |                                 |        |       | 4               |
| ENST 94301                  | Environmental Ethics   |                                 |        |       | 3               |
| ENST 94401                  | Senior Seminar in Environ. & Sustain. Studies  |                                 |        |       | 3               |
| GEOG 16100                  | Earth, People, and the Environment   |                                 |        |       | 3               |
| GEOG 16160                  | Intro. to Mapping & GIS  | Satisfies Artistic Literacy     |        |       | 3               |
| GEOG 16390                  | Internship / Research Clinic   |                                 |        |       | 3               |
| PLAN 31280                  | Foundations of Planning & Environmental Design   | Satisfies Humanistic Literacy   |        |       | 3               |
|                             |  |                                 |        |       | Subtotal: 34 sh |

### 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"/> | PHRE 11360 | Spirituality & Nature                           |   |        |       | 3              |
| <input type="radio"/> | RTF 03351  | Experiencing Documentary                        |   |        |       | 3              |
| <input type="radio"/> | WA 01325   | Scientific Writing & Rhetoric                   |   |        |       | 3              |
| <input type="radio"/> | WA 01326   | Writing for Nonprofits                          |   |        |       | 3              |
| <input type="radio"/> | WA 01335   | Environmental Writing and Rhetoric              |   |        |       | 3              |
|                       |            |   |   |        |       | Subtotal: 3 sh |

### 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"/> | ENED 13202 | Approaches to Environmental Education          |                           |        |       | 3       |
| <input type="radio"/> | ENST 94303 | Environmental Advocacy                         |                           |        |       | 3       |
| <input type="radio"/> | GEOG 16301 | Natural Resources, Capitalism, & Society       |                           |        |       | 3       |
| <input type="radio"/> | HLT 00303  | Environmental Issues and Health                |                           |        |       | 3       |
| <input type="radio"/> | MGT 06380  | Sustainable Business                           |                           |        |       | 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       |
| <input type="radio"/> | SOC 08422  | Environmental Justice: Race, Class, and Gender |                           |        |       | 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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Subtotal: 3 sh

## SUSTAINABILITY STUDIES ELECTIVE

Choose one of the courses below<sup>3</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                |
| <input type="radio"/> | ENST 94201 | Sustainability Assessment                |                           |        |       | 3                |
| <input type="radio"/> | ENST 94400 | Environmental Impact Assessment          |                           |        |       | 3                |
| <input type="radio"/> | EVSC 01210 | Foraging for Edible Plants               |                           |        |       | 3                |
| <input type="radio"/> | GEOG 16260 | Fundamentals of GIS                      |                           |        |       | 4                |
| <input type="radio"/> | GEOG 16307 | Transportation Geography                 |                           |        |       | 3                |
| <input type="radio"/> | GEOG 16331 | Geography of the National Parks          |                           |        |       | 3                |
| <input type="radio"/> | GEOG 16334 | The Geography of Natural Disasters       |                           |        |       | 3                |
| <input type="radio"/> | HES 00109  | Adventure and Experiential Learning      |                           |        |       | 3                |
| <input type="radio"/> | HES 00209  | Adventure Process / Facilitation         |                           |        |       | 3                |
| <input type="radio"/> | HES 00309  | Wilderness First Responder               |                           |        |       | 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, and must be drawn from the Environmental Humanities, Sustainability Studies, or Environmental Policy, Economics, and Social Sciences elective banks above.<sup>3</sup>

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

## BUSINESS CORE COURSES

|                       | Course #                         | Course Name  | Course Attributes / Notes | Sem/Yr | Grade | Credits         |
|-----------------------|----------------------------------|--|---------------------------|--------|-------|-----------------|
| <input type="radio"/> | ECON 04101                       | Macroeconomics                                     |                           |        |       | 3               |
| <input type="radio"/> | MATH 03125<br>-or-<br>MATH 01130 | Calculus Techniques and Applications or Calculus I |                           |        |       | 3               |
| <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

|                       | Course #  | Course Name   | Course Attributes / Notes | Sem/Yr | Grade | Credits |
|-----------------------|-----------|---|---------------------------|--------|-------|---------|
| <input type="radio"/> | MGT 07550 | Operations Analytics  |                           |        |       | 3       |
| <input type="radio"/> | MGT 06515 | Employee Engagement and Performance   |                           |        |       | 1.5     |
| <input type="radio"/> | MGT 06567 | Responsible Leadership:<br>Aligning the Interests of Stakeholders, Profit, and Planet |                           |        |       | 1.5     |
| <input type="radio"/> | MIS 02501 | Information Systems for Managers  |                           |        |       | 1.5     |
| <input type="radio"/> | MKT 09511 | Marketing Management Fundamentals   |                           |        |       | 1.5     |
| <input type="radio"/> | ACC 03500 | Managerial Accounting   |                           |        |       | 3       |

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|                       |           |                                  |  |  |  |                 |
|-----------------------|-----------|----------------------------------|--|--|--|-----------------|
| <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               |
| <input type="radio"/> |           | MBA Elective Course              |  |  |  | 3               |
| <input type="radio"/> |           | MBA Elective Course              |  |  |  | 3               |
| <input type="radio"/> |           | MBA Elective Course              |  |  |  | 3               |
|                       |           |                                  |  |  |  | Subtotal: 36 sh |

Total Program Credits Required for this Major / Degree: 145-146 SH