

B.S. in Environmental Science

Program Guide for **New First-Year Students** (Effective Fall 2019)
 Department of Environmental Science (environmentalscience@rowan.edu)

Rowan University Graduation Requirements

- Students must complete at least 120 s.h. (semester hours) of coursework that applies to their Rowan University degree
- Students must have an overall/cum. G.P.A. of at least 2.0. (Only Rowan University courses count toward the G.P.A.)
- A minimum of 30 s.h. of coursework must be completed at/through Rowan University
- Only grades of “D-” or above may apply to graduation requirements (some programs may set higher minimums)
- Students must apply for graduation and should do so for the term in which they will complete all program requirements.

Program-Specific Graduation Requirements

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

Rowan Core Courses (General Education)

Students must satisfy the requirements for all six Rowan Core Literacies

Rowan Core Literacy	Course #	Course Name	Sem/Yr	Grade	Credits
Communicative (COML)	COMP 01111	College Composition I (or equivalent)			3 s.h.
	COMP 01112	College Composition II (or equivalent)			3 s.h.
	CMS 04205	Public Speaking (or equivalent)			3 s.h.
Artistic (ARTL)	GEOG 16.160	Intro to Mapping and GIS			3 s.h.
Global (GLBL)		Elective			3 s.h.
Humanistic (HUML)		Elective			3 s.h.
Quantitative (QNTL)	STAT 02101	Statistics I			3 s.h.
Scientific (SCIL)	CHEM 06100	Chemistry I			4 s.h.
Subtotal:					25 s.h.

Rowan Experience (RE) Courses

Courses that satisfy Rowan Experience requirements should be included in the Non-Program, Major or Rowan Core sections, and their credits are counted there. A course may satisfy more than one RE requirement.

- (LIT) Broad-Based Literature course
 (RS) Rowan Seminar course
 (WI) Writing Intensive course

Non-Program Courses

Course #	Course Name	Course Attributes / Notes	Sem/Yr	Grade	Credits
MATH 01130	Calculus I				4 s.h.
MATH 01131	Calculus II				4 s.h.
CHEM 06101	Chemistry II				4 s.h.
PHYS 00210	Physics I				4 s.h.
BIOL 01104	Biology 1: Diversity, Evolution, and Adaptation				4 s.h.
GEOL 01.110	Physical Geology				4 s.h.
Subtotal:					24 s.h.

Major Courses (61-63 s.h.)

Environmental Science Core

Course #	Course Name	Course Attributes / Notes	Sem/Yr	Grade	Credits
EVSC 01.110	The Environmental Experience				1 s.h.
EVSC 01.115	Environment in the Headlines				1 s.h.
Choose one: EVSC 01.101 EVSC 01.120 EVSC 01.121 EVSC 01.122	Planet in Peril Oceans in Crisis Global Environmental Change Future of Food				3 s.h.
BIOL 01.106	Biology 2: Concepts in Genetics				4 s.h.
BIOL 01.203	Biology 3: Cell Biology				4 s.h.
BIOL 01.204	Biology 4: Global Ecology				4 s.h.
CHEM 07.200	Organic Chemistry I				4 s.h.
EVSC 01.220	Global Climate Crisis				3 s.h.
Choose one: EVSC 01.280 EVSC 01.285	Atmosphere and Climate Oceans				3 s.h.
EVSC 01.202	Environmental Science Research Methods and Data Analysis				4 s.h.
ENST 94.101	Human Nature: Introduction to Environmental and Sustainability Studies				3 s.h.
ENST 94.301	Environmental Ethics				3 s.h.
EVSC 01.350	Field Methods in Environmental Science				4 s.h.
EVSC 01.305	Contaminants in the Environment				4 s.h.
Choose one: EVSC 01.410 EVSC 01.240	Environmental Science Clinic Senior Seminar in Environmental Science				3 s.h.
Subtotal:					49 s.h.

Restricted Electives (In consultation with advisor, Environmental Science or related electives)

Course #	Course Name	Course Attributes / Notes	Sem/Yr	Grade	Credits
Subtotal:					12-14 s.h.

Free Electives

Course #	Course Name	Course Attributes / Notes	Sem/Yr	Grade	Credits
Subtotal:					8-10 s.h.

Total Program Credits: 120 s.h.