



[BIOMED.AS; CIP Code 26.0102]

**Associate in Science (A.S.) – Transfer**

This curriculum provides two years of concentrated study in science for those who plan to pursue a baccalaureate degree in Environmental Sciences. This is a science and math-based program to prepare the student for understanding and analyzing data. Communications, Social Science and Humanities courses that put environmental Science in the context of history and how to approach solutions are also incorporated. Students are advised to plan their course selection based on the requirements of the vocation or curriculum of the four-year college of their choice.

**Program Learning Outcomes**

Students who have completed the program will be able to:

- Understand and apply basic scientific principles to the study of environmental issues overall including the use of resources in a sustainable manner.
- Develop and demonstrate the basic skill set, techniques and procedures required to conduct and analyze field and laboratory work in environmental sciences

Are you ready to get started at RCSJ? Visit [RCSJ.edu/Enroll](https://www.rcsj.edu/enroll) and complete the interest form.

# Environmental Science A.S.

**FIRST YEAR - Fall Semester**

<input type="checkbox"/> EN 101 English Composition I	3
<input type="checkbox"/> BI 101 General Biology I	4
<input type="checkbox"/> MA 121 Pre-Calculus or MA 130 Calculus 1 <sup>1</sup>	4
<input type="checkbox"/> BI 122 Environmental Science	4
	15

**Spring Semester**

<input type="checkbox"/> EN 102 English Composition II	3
<input type="checkbox"/> BI 102 General Biology II	4
<input type="checkbox"/> MA 205 Statistics	3
<input type="checkbox"/> GL 101 Physical Geology	4
	14

**SECOND YEAR - Fall Semester**

<input type="checkbox"/> SP 203 Effective Speech	3
<input type="checkbox"/> BI 215 Ecology	4
<input type="checkbox"/> GL 115 Introduction to Geographic Information Systems	3
<input type="checkbox"/> ____ Program Elective <sup>2</sup>	4
	16

**Spring Semester**

<input type="checkbox"/> BI 209 Research Methods & Data Analysis	4
<input type="checkbox"/> ____ Program Elective	4
<input type="checkbox"/> ____ Humanities General Education Elective	3
<input type="checkbox"/> SO 201 Introductory Sociology	3
<input type="checkbox"/> EC 201 Principles of Economics I (Macro)	3
	17

**TOTAL CREDITS: 60**

**Program Elective Bank Advising Recommendations:**

- Students planning to transfer to Rowan University for either a BA or BS in Environmental Science should take CH-101 AND CH-102.
- Students planning to transfer to Stockton University for a BS in Environmental Science should take CH-101 AND CH-102.
- Students planning to transfer to Stockton University for a BA in Environmental Science should take CH-101 AND CH-102 OR PI-141 or PI-142
- **Students planning to transfer to other BS or BA Environmental Science programs are encouraged to meet with their advisor at RCSJ or their transfer school to select their program elective courses.**
- **If a student wants to transfer to a BS program in Environmental Science, but places into MA-121, they should take MA-121 AND PI-141.**

<sup>1</sup> Students planning to transfer to a BS program in Environmental Science should take MA-130. If a student wants to transfer to a BS program, but tests into MA-121, see the program elective bank advising recommendations below. Students planning to transfer to a BA program in Environmental Science can take either MA-121 OR MA-130. It is recommended that students take the highest-level math they place into.

<sup>2</sup> Program Elective. Select 2 of: PI-141 General Physics I, PI-142 General Physics II, CH-101 General Chemistry I, CH-102 General Chemistry II, MA-130 Calculus