



# Biological Science, A.S. Biology Track

[BIOMED.AS; CIP Code 26.0102]

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

This program is designed for students planning to transfer to a four-year colleges and universities. Students will be prepare for entry into baccalaureate programs in the biological sciences that emphasize Biology, Chemistry, and Physics classes in the pathways of Medicine, Dentistry, Veterinary Medicine, Environmental Science an Biological/Biomedical Research. Students will develop high level critical thinking skills, scientific research skills, and effective communication.

### Program Learning Outcomes

Upon Completion of this program, students should be able to:

- Analyze and interpret scientific data.
- Write and verbally communicate scientific principles and concepts using terminology appropriate to the discipline of study.
- Organize and analyze data to solve problems.
- Locate, interpret, critically evaluate and make informed conclusions about scientific literature.

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

### FIRST YEAR - Fall Semester

|   |          |
|---|----------|
| <input type="checkbox"/> BI 101 General Biology I           | 4        |
| <input type="checkbox"/> CH 101 General Chemistry I         | 4        |
| <input type="checkbox"/> EN 101 English Composition I       | 3        |
| <input type="checkbox"/> General Education History Elective | 3        |
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### Spring Semester

|  |          |
|--|----------|
| <input type="checkbox"/> BI 102 General Biology II                   | 4        |
| <input type="checkbox"/> CH 102 General Chemistry II                 | 4        |
| <input type="checkbox"/> EN 102 English Composition II               | 3        |
| <input type="checkbox"/> MA 121 Pre-Calculus or<br>MA 130 Calculus I | 4        |
|  | <hr/> 15 |

### SECOND YEAR - Fall Semester

|   |          |
|---|----------|
| <input type="checkbox"/> BI Program Elective (BI 201, 203, 209) | 4        |
| <input type="checkbox"/> General Education Humanities Elective  | 3        |
| <input type="checkbox"/> PY 101 General Psychology              | 3        |
| <input type="checkbox"/> CH 201 Organic Chemistry I             | 4        |
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### Spring Semester

|   |          |
|---|----------|
| <input type="checkbox"/> BI 215 Ecology   | 4        |
| <input type="checkbox"/> CH 202 Organic Chemistry II                              | 4        |
| <input type="checkbox"/> General Education Diversity Elective                     | 3        |
| <input type="checkbox"/> General Education Humanities/<br>Social Science Elective | 3        |
| <input type="checkbox"/> EN 103 Technical Writing                                 | 3        |
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**TOTAL CREDITS: 60**

- BI 209 recommended for transfer to Rowan Biology BS
- BI 201 is recommended for transfer to Stockton Biology BS.
- MA 140 is recommended for transfer to Rutgers Biology BA or Environmental Studies BS