



[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.

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

Biological Science, A.S. Biology Track

FIRST YEAR - Fall Semester

<input type="checkbox"/> EN 101 English Composition I	3
<input type="checkbox"/> BI 101 General Biology	4
<input type="checkbox"/> CH 101 General Chemistry	4
<input type="checkbox"/> — — Math or Science General Education Elective	3-4
	<hr/> 14-15

Spring Semester

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

SECOND YEAR - Fall Semester

<input type="checkbox"/> BI 221 Cell and Molecular Biology or BI 203 Microbiology	4
<input type="checkbox"/> — — Humanities General Education Elective	3
<input type="checkbox"/> — — Social Science General Education Elective	3
<input type="checkbox"/> CH 201 Organic Chemistry I	4
	<hr/> 14

Spring Semester

<input type="checkbox"/> BI 215 Ecology	4
<input type="checkbox"/> CH 202 Organic Chemistry II	4
<input type="checkbox"/> SP 203 Effective Speech or General Education Elective	3
<input type="checkbox"/> — — Humanities/Social Science General Education Elective	3
<input type="checkbox"/> EN 103 Technical Writing	3
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TOTAL CREDITS: 60

Program Notes

Students should consult the institutions to which they wish to transfer when selecting elective courses.

* Students planning on transferring to Rowan University should take BI 221 Cell and Molecular Biology.