

Associate in Science

BIOLOGY/CHEMISTRY

Program Information

The Biology/Chemistry program prepares students for further study in the biological and physical sciences. The program provides students with a solid foundation in basic scientific principles, as well as mathematics. Students in this program develop a strong scientific foundation that will enable them to pursue advanced studies in specific biological and chemical disciplines.

Upon successfully completing this program, students should be able to:

- demonstrate competency in laboratory skills related to biology;
- demonstrate competency in laboratory skills related to chemistry;
- communicate effectively in a professional manner;
- produce documents in a scientific manner; and
- demonstrate an understanding of biological and chemical theory and application.

Transfer of Credits

Biology/Chemistry graduates may transfer credits to a bachelor's degree program at a four-year college or university. Please direct specific questions to a Student Affairs advisor.

CREDITS

FIRST SEMESTER

<input type="checkbox"/>	BIO 101	General Biology I	4
<input type="checkbox"/>	CHM 101	College Chemistry I	4
<input type="checkbox"/>	ENG 101	English Composition I	3
<input type="checkbox"/>	HIS 101	Western Civilization I	<u>3</u>
			14

SECOND SEMESTER

<input type="checkbox"/>	BIO 102	General Biology II	4
<input type="checkbox"/>	CHM 102	College Chemistry II	4
<input type="checkbox"/>	ENG 102	English Composition II	3
<input type="checkbox"/>	HIS 102	Western Civilization II	3
<input type="checkbox"/>	SOC 101	Introduction to Sociology	<u>3</u>
			17

THIRD SEMESTER

<input type="checkbox"/>	ENG 202	Introduction to Speech Communication	3
<input type="checkbox"/>	MAT 231	Calculus I	4
<input type="checkbox"/>	PHY 101	Physics I	4
<input type="checkbox"/>		Humanities Elective	3
<input type="checkbox"/>		Science Elective (200 level)	<u>3/4</u>
			17/18

FOURTH SEMESTER

<input type="checkbox"/>	ETH 200	Ethics in the Modern World	3
<input type="checkbox"/>	MAT 232	Calculus II	4
<input type="checkbox"/>	PHY 102	Physics II	4
<input type="checkbox"/>		Science Elective (200 level)	3/4
<input type="checkbox"/>		Social Science Elective	<u>3</u>
			17/18

TOTAL CREDITS: **65-67**

N.J. GENERAL EDUCATION COMPONENT FOR BIOLOGY/CHEMISTRY

Communication:	ENG 101, ENG 102
Math/Science/Technological Competency:	MAT 231, BIO 101, CHM 101
Social Science:	SOC 101, Social Science Elective
Humanities:	ETH 200
History:	not required
Cultural/Global Awareness:	not required
Unassigned:	ENG 202, HIS 101