

**SUNY SCHENECTADY**

CURRICULUM WORKSHEET

PROGRAM: **BIOTECHNOLOGY, A.S.**

HEGIS # 5649

SCCC Program Code # 06

Student Name:

ID Number:

PROGRAM REQUIREMENTS	CR	SUNY GENERAL EDUCATION CATEGORY	SATISFIES LIBERAL ARTS AND SCIENCES
ENG 123 College Composition	3	Communication: Written and Oral; Information Literacy	Yes
BIO 141 Biology I	4	Natural Sciences and Scientific Reasoning	Yes
BIO 142 Biology II	4	Natural Sciences and Scientific Reasoning	Yes
BIO 241 Microbiology	4		Yes
BIO 261 Cell and Molecular Biology	4		
BIO 263 Biotechnology Techniques	3		Yes
CHM 121 General Chemistry I	4	Natural Sciences and Scientific Reasoning	Yes
CHM 122 General Chemistry II	4	Natural Sciences and Scientific Reasoning	Yes
CHM 228 Organic Chemistry I	5		Yes
CHM 229 Organic Chemistry II	5		
COM 105 Public Speaking	3	Humanities; Critical Thinking and Reasoning	Yes
FYS 100 First Year Seminar	1		
World History SUNY General Education Elective	3	World History and Global Awareness	Yes
HIS 130 Introduction to Black History in the US	3	US History and Civic Engagement	Yes
MAT 167 Precalculus with Analytic Geometry OR Higher	4	Mathematics and Quantitative Reasoning	Yes
MAT 147 Statistics	3	Mathematics and Quantitative Reasoning	Yes
SOC 121 Sociology	3	Social Sciences	Yes
Diversity: Equity, Inclusion, and Social Justice SUNY General Education Elective	3	Diversity: Equity, Inclusion, and Social Justice	
Minimum Credit Hours	63		
		Total Gen Ed. Credits: 41	Total Number of Liberal Arts and Credits 59
		Total # of Gen. Ed. Categories 8	

Additional Comments: Please refer to the footnotes on the reverse side.

Reviewed \_\_\_\_\_

Date \_\_\_\_\_

**BIOTECHNOLOGY**  
**ASSOCIATE IN SCIENCE**

FIRST YEAR

Fall Semester	CR	Spring Semester	CR
BIO 141 Biology I	4	BIO 142 Biology II	4
CHM 121 General Chemistry I	4	CHM 122 General Chemistry II	4
ENG 123 College Composition	3	COM 105 Public Speaking	3
FYS 100 First Year Seminar	1	HIS 130 Intro to Black History in the US	3
	3	Diversity: Equity, Inclusion, and Social Justice SUNY General Education Elective	3
MAT 147 Statistics	1		
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SECOND YEAR

Fall Semester	CR	Spring Semester	CR
BIO 261 Cell and Molecular Biology	4	BIO 241 Microbiology	4
CHM 228 Organic Chemistry I	5	CHM 229 Organic Chemistry II	5
MAT 167 Precalculus with Analytic Geometry OR Higher	4	BIO 263 Biotechnology Techniques	3
World History SUNY General Education Elective	3	SOC 121 Sociology	3
	16		15

Minimum Credit Hours required for degree: **63**