

YEAR: 2024-2025

**SUNY SCHENECTADY**  
CURRICULUM WORKSHEET

PROGRAM: **SCIENCE (A.S.): BIOLOGY CONCENTRATION**

HEGIS # 5649

Program Code #96B

Program Entry Date:

Student Name:

Former College(s) Attended:

ID Number:

PROGRAM REQUIREMENTS	CR	SUNY GENERAL EDUCATION CATEGORY	SATISFIES LIBERAL ARTS AND SCIENCE
BIO 141 Biology I	4	Natural Sciences and Scientific Reasoning	Yes
BIO 142 Biology II	4	Natural Sciences and Scientific Reasoning	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		Yes
ENG 123 College Composition	3	Communication: Written and Oral; Critical Thinking and Reasoning	Yes
ENG 124 Literature and Writing	3	Humanities; Information Literacy	Yes
FYS 100 First Year Seminar	1		
PHY 221 College Physics I	4	Natural Sciences and Scientific Reasoning	Yes
MAT 147 Statistics	3	Mathematics and Quantitative Reasoning	Yes
MAT 180 Calculus I	4	Mathematics and Quantitative Reasoning	Yes
PSY 121 Introduction to Psychology	3	Social Sciences	Yes
World Languages or The Arts SUNY General Education Elective	3	World Languages or The Arts	
Restricted Biology Electives (a)	9-12		Yes
Diversity: Equity, Inclusion, and Social Justice SUNY General Education Elective	3	Diversity: Equity, Inclusion, and Social Justice	
Minimum Credit Hours	62		
		Total Gen Ed Credits 42	Total # of Liberal Arts and Sciences Credits 57
		Total # of Gen Ed Categories 7	

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

Reviewed by \_\_\_\_\_

Date \_\_\_\_\_

# SCIENCE: BIOLOGY CONCENTRATION

## ASSOCIATE IN SCIENCE

### FIRST YEAR

Fall Semester				CR	Spring Semester				CR
BIO	141	Biology I		4	ENG	124	Literature and Writing		3
CHM	121	General Chemistry I		4	BIO	142	Biology II		4
ENG	123	College Composition		3	CHM	122	General Chemistry II		4
FYS	100	First Year Seminar		1	MAT	180	Calculus I		4
		Diversity: Equity, Inclusion, and Social Justice SUNY		3					15
		General Education Elective							
				<u>15</u>					

### SECOND YEAR

Fall Semester				CR	Spring Semester				CR
CHM	228	Organic Chemistry I		5	CHM	229	Organic Chemistry II		5
PHY	221	College Physics I		4	MAT	147	Statistics		3
PSY	121	Introduction to Psychology		3			Restricted Biology Elective (a)		3-4
		Restricted Biology Elective (a)		<u>3-4</u>			Restricted Biology Elective (a)		3-4
				15-16			World Languages or The Arts SUNY		
							General Education Elective		<u>3</u>
									17-19

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

### **NOTES:**

(a) Restricted Biology Elective to be chosen from BIO 203, BIO 241, BIO 261, BIO 262 with or without BIO 264\*, BIO 273, BIO 274

\*Without BIO 264, BIO 262 may not transfer to a 4-year institution. Electives should be chosen in conjunction with the student's academic advisor based upon career goals, transfer/articulation, and interest.