

Genesee Community College
 230-Biotechnology-A.S.
 SEMESTER COURSE PLANNING WORKSHEET
 FALL 2018-CURRENT

Suggested First Semester	Credits	Suggested Second Semester	Credits
ENG101 (By Placement)	3	ENG102	3
BIO115	4	CHE102	4
CHE101	4	BIO116	4
BIO117	3	MAT141	4
WORLD CIVILIZATION ELECTIVE	3		
Total	17	Total	15
Suggested Third Semester	Credits	Suggested Fourth Semester	Credits
CHE201 (Fall Only)	4	Foreign Language	3
BIO205 or PHY121(Fall Only) or PHY131**(Fall Only)	4	CHE202 (Spring Only)	4
AMERICAN HISTORY or WESTERN CIVILIZATION	3	PHI103	3
MAT129	3	SPE108 or SPE109	3
PED/HED/ATH ELECTIVE	1	BIO206	4
Total	15	Total	17

General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see <http://www.genesee.edu/offices/advisement/placement-and-proficiency-guide> for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

****Check with transfer institution to determine their requirements**

230	Degree Requirements for Biotechnology	A.S.
FALL 2018-CURRENT		
1	COMMUNICATIONS	9
	ENG101 English Communications 1	3
	ENG102 English Communications 2	3
	SPE103 or SPE108 or SPE109	3
2	HISTORY	6
	1. World Civilization: Select one: <u>SUNY Approved World Civilizations course</u>	3
	2. American History or Western Civilization Elective: HIS203, HIS204, or one <u>SUNY Approved American History course</u> Students having obtained an 85 or higher on the US History Regents exam may also select one course from <u>SUNY Approved American History course</u>	3
3	HUMANITIES ELECTIVE	3
	PHI103 Ethics	3
4	MATH	7
	MAT141 Calculus I	4
	MAT129 Statistics	3
5	NATURAL SCIENCE	35
	BIO115 General Biology 1	4
	BIO116 General Biology 2	4
	BIO117 Biotechnology	3
	BIO205 Genetics or PHY 121 or PHY 131**	4
	BIO206 Microbiology	4
	CHE101 General Chemistry 1	4
	CHE102 General Chemistry 2	4
	CHE201 Organic Chemistry 1	4
	CHE202 Organic Chemistry 2	4
6	FOREIGN LANGUAGE	3
	Select one: <u>SUNY Approved Foreign Language course</u> Students having obtained an 85 or higher on the Regents B exam or an 85 or higher on a regional exam aligned with the former regents at Checkpoint B have met this requirement and may select a language or an additional 3-credit SUNY General Education Elective.	3
7	HEALTH/PE/ATH	1
	HED***, PED***, ATH***	1
	TOTAL	64
	Reading and Math Proficiency Required	
	Minimum QPI: 2.00	