

Genesee Community College

230: Biotechnology A S Degree Requirements Table

FALL 2021 to CURRENT- NOT ACCEPTING NEW STUDENTS

ITEM	REQUIREMENT	CREDITS	SEMESTER
1	GCC CORE (LIBERAL ARTS & SCIENCES) LOCAL GENERAL EDUCATION REQUIREMENTS	29	As Listed
1a	MATHEMATICS MAT129 Statistics	3	3rd
1b	NATURAL SCIENCE BIO115 General Biology 1	4	1st
1c	SOCIAL SCIENCE General Education Waiver	0	N/A
1d	HISTORY <u>Select one SUNY Approved Other World Civilizations Course</u>	3	1st
1e	HUMANITIES, ARTS, LANGUAGE PHI103 Ethics	3	4th
1f	BASIC COMMUNICATION 1 ENG101	3	1st
1g	BASIC COMMUNICATION 2 ENG102 or ENG105	3	2nd
1h	BASIC COMMUNICATION 3 SPE102, 108, or 109	3	4th
1i	LIB ARTS & SCI ELECTIVE <u>Select any SUNY approved American History or SUNY approved Western Civilization course.</u>	3	3rd
1j	SUNY GEN ED SELECTION <u>Select one SUNY Approved Foreign Language Course.</u> (per Note 1)	3	4th
1k	HEALTH/PE/ATH Select any 1 HED/PED/ATH credit	1	3rd
2	PROGRAM REQUIREMENTS	35	As Listed
2a	BIO117 Biotechnology	3	1st
2b	CHE101 General Chemistry 1	4	1st
2c	MAT141 Calculus I	4	2nd
2d	BIO116 General Biology 2	4	2nd
2e	CHE102 General Chemistry 2	4	2nd
2f	BIO205 Genetics or PHY121 or PHY 131 (PHY Fall Only) (per Note 2)	4	3rd
2g	CHE201 Organic Chemistry 1 (Fall Only)	4	3rd
2h	BIO206 Microbiology	4	4th
2i	CHE202 Organic Chemistry 2 (Spring Only)	4	4th
3	TOTAL CREDITS REQUIRED TO COMPLETE DEGREE	64	Upon Completion
3a	Semester 1 Total Credits	17	1st

ITEM	REQUIREMENT	CREDITS	SEMESTER
3b	Semester 2 Total Credits	15	2nd
3c	Semester 3 Total Credits	15	3rd
3d	Semester 4 Total Credits	17	4th
4	GENERAL CURRICULUM INFORMATION	0	N/A
4a	Proficiency Requirements: As outlined in Procedure 321-Placement and Proficiency Requirements (click to see GCC 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.	0	Prior to Completion
4b	Note 1: 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 the foreign language requirement and may select a language or an additional 3 credit SUNY General Education Elective .	0	Informational Note
4c	Note 2: Check with transfer institution to determine their requirements.	0	Prior to Completion
4d	GPA of 2.0 Required for graduation	0	Upon Completion