

2270: BIOLOGY A S Degree Requirements Table

FALL 2026 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	MET BY	32	As Listed
1.01 - COMMUNICATION W 1	ENG101 College Composition	3	1
1.02 - COMMUNICATION W 2	ENG 107 Technical Writing	3	2
1.03 - COMMUNICATION ORAL	SPE102, 108, or 109	3	3
1.04 - MATHEMATICS	MAT 129 Statistics	3	3
1.05 - NATURAL SCIENCE	CHE 103 General Chemistry 1 (per Note 1)	3	1
1.06 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	3
1.07 - HISTORY, ENGAGEMENT, AWARENESS	GEO 102, POS 108, MUS 204	3	4
1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Arts, or World Language	3	3
1.09 - LAS ELECTIVE	CHE 104 General Chemistry 2 (per Note 1)	3	2
1.10 - DIVERSITY (DEISJ)	Met by History, Engagement and Awareness requirement	0	4
1.11 - SUNY GEN ED SELECTION	Select one SUNY approved General Education course	3	4
1.12 - HEALTH/PE/ATH	Select any 2 HED/PED/ATH credits	2	4
2 - PROGRAM REQUIREMENT	MET BY	30	As Listed
2.01 - Program Requirement	BIO 125 General Biology 1	3	1
2.02 - Program Requirement	BIO 125L General Biology 1 Lab	1	1
2.03 - Program Requirement	CHE 103L General Chemistry 1 Lab	1	1
2.04 - Program Requirement	CHE 104L General Chemistry 2 Lab	1	2
2.05 - Program Requirement	MAT 140 Pre-calculus	4	1
2.06 - Program Requirement	BIO 126 General Biology 2	3	2
2.07 - Program Requirement	BIO 126L General Biology 2 Lab	1	2
2.08 - Program Requirement	MAT 141 Calculus 1	4	2
2.09 - Restricted Elective	Restricted Elective 1	4	3

2.10 - Program Requirement	BIO 205 Genetics	4	4
2.11 - Restricted Elective	Restricted Elective 2	4	4
3 - SEMESTER	TOTAL CREDITS REQUIRED FOR DEGREE	62	Upon Completion
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	16	3
3.4 - Semester 4	Semester 4 Total Credits	16	4
4 - INFORMATIONAL NOTES	GENERAL CURRICULUM INFORMATION	0	As Appropriate
4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG 107 Technological Competency: BIO 125 Values & Ethics: BIO 205 Civic Discourse: SPE 102, 108, or 109	0	Upon Completion
4.02 - 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
4.03 - Restricted Electives	Restricted Electives should be selected with the transfer institution in mind. Select two courses: BIO 108 152, 153, 201, 208, CHE 201, 202, PHY 121, 122, 131, 132 or MAT 142, 245, 247 or 255	0	As Appropriate
4.04 - Note 1	Course meets core program and Local General Education Plan Requirements	0	Informational Note
4.05 - GPA Requirement	GPA of 2.0 Required for graduation	0	Upon Completion