

226B: Natural Science A S Degree Requirements Table**BIOLOGY CONCENTRATION - NO LONGER ACCEPTING NEW STUDENTS**

FALL 2022 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	MET BY	34	As Listed
1.01 - COMMUNICATION W 1	ENG101 College Composition	3	1
1.02 - COMMUNICATION W 2	ENG 102 Composition in the Natural and Social Sciences	3	2
1.03 - COMMUNICATION ORAL	SPE103, 108, or 109	3	3
1.04 - MATHEMATICS	MAT 129 Statistics (per Note 1)	3	3
1.05 - NATURAL SCIENCE	CHE 101 General Chemistry 1 or CHE 103 and 103L	4	1
1.06 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	4
1.07 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, HIS 101, 102, 104, 105, 203, or 204	3	4
1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities or Arts	3	3
1.09 - LAS ELECTIVE	CHE 102 General Chemistry 2 or CHE 104 and 104L	4	2
1.10 - SUNY GEN ED SELECTION	Select one SUNY approved World Language course	3	4
1.11 - HEALTH/PE/ATH	Select any 2 HED/PED/ATH credits	2	2
2 - PROGRAM REQUIREMENT	MET BY	30	As Listed
2.01 - Program Requirement	BIO115 General Biology 1 or BIO 125 and 125L	4	1
2.02 - Program Requirement	MAT 140 Pre-calculus	4	1
2.03 - Program Requirement	BIO116 General Biology 2 or BIO 126 and 126L	4	2
2.04 - Program Requirement	MAT 141 Calculus 1	4	2
2.05 - Program Requirement	CHE 201, PHY 121 or PHY 131	4	3
2.06 - Program Requirement	BIO 205 Genetics	4	3
2.07 - Program Requirement	CHE 202, PHY 122 or PHY 132	4	4
2.08 - Program Requirement	General or Restricted Elective	2	4
3 - SEMESTER	TOTAL CREDITS REQUIRED FOR DEGREE	64	Upon Completion

ITEM	REQUIREMENT	CREDITS	SEMESTER
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	17	2
3.3 - Semester 3	Semester 3 Total Credits	17	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	GENERAL CURRICULUM INFORMATION	0	As Appropriate
4.01 - 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
4.02 - Electives	Electives for this program should be selected with the transfer institution and program of interest in mind. For additional assistance with course selection, see the Transfer Coordinator in the Student Success Center.	0	As Appropriate
4.03 – Restricted Electives	BIO 111, BIO 115, BIO 116, BIO 152, BIO 153, BIO 201, BIO 206, BIO 205, BIO 208, BIO 211, CHE 201, CHE 202, CIS 116, CIS 125, CIS 127 CIS 219, EGR 100, EGR 235, EGR 236, MAT 129, MAT 140, MAT 141, MAT 142, MAT 245, MAT 247, MAT 255, MAT 246, PHY 121 or PHY 131, PHY 122 or PHY 132, PHY 133	0	As Appropriate
4.04 - Note 1	Course meets concentration and Local General Education Plan Requirement	0	Informational Note
4.05 – Note 2	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 approved general education elective.	0	As Applicable
4.06 – Note 3	Students who select restricted electives with higher credits may complete up to 35 program credits.	0	Informational Note
4.07 - GPA Requirement	GPA of 2.0 Required for graduation	0	Upon Completion