

226I: Natural Science A S Degree Requirements Table**FLEXIBLE STEM CONCENTRATION - NO LONGER ACCEPTING NEW STUDENTS**

FALL 2022 to CURRENT

| ITEM | REQUIREMENT | CREDITS | SEMESTER |
|---------------------------------------|---|-----------|------------------|
| 1 – KNOWLEDGE & SKILL AREA | MET BY | 35 | As Listed |
| 1.01 - COMMUNICATION W 1 | ENG101 College Composition | 3 | 3 |
| 1.02 - COMMUNICATION W 2 | ENG 102 Composition in the Natural and Social Sciences | 3 | 4 |
| 1.03 - COMMUNICATION ORAL | SPE103, 108, or 109 | 3 | 3 |
| 1.04 - MATHEMATICS | MAT 140, 141, 142 (per Note 1) | 4 | 1 |
| 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 (per Note 2) | 3 | 3 |
| 1.11 - HEALTH/PE/ATH | Select any 2 HED/PED/ATH credits | 2 | 2 |
| 2 - PROGRAM REQUIREMENT | MET BY | 29 | As Listed |
| 2.01 - Program Requirement | PHY 121, PHY 131, BIO 115, or CHE 201 | 4 | 1 |
| 2.02 - Program Requirement | Restricted Elective 4 | 3 | 1 |
| 2.03 - Program Requirement | PHY 122, PHY 132, BIO 116, or CHE 202 | 4 | 2 |
| 2.04 - Program Requirement | Restricted Elective 2 | 4 | 2 |
| 2.05 - Program Requirement | Restricted Elective 3 | 4 | 2 |
| 2.06 - Program Requirement | General Elective 1 | 3 | 3 |
| 2.07 - Program Requirement | Restricted Elective 1 | 4 | 4 |
| 2.08 – General/Restricted Elective | General Elective 2 | 3 | 4 |

| ITEM | REQUIREMENT | CREDITS | SEMESTER |
|--|---|-----------|------------------------|
| 3 - SEMESTER | TOTAL CREDITS REQUIRED FOR DEGREE | 64 | Upon Completion |
| 3.1 - Semester 1 | Semester 1 Total Credits | 15 | 1 |
| 3.2 - Semester 2 | Semester 2 Total Credits | 18 | 2 |
| 3.3 - Semester 3 | Semester 3 Total Credits | 15 | 3 |
| 3.4 - Semester 4 | Semester 4 Total Credits | 16 | 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 | BIO111, BIO115, BIO116, BIO125/125L, BIO126/126L, BIO152, BIO153, BIO201 or BIO206, BIO205, BIO208, BIO211, CHE201, CHE202, CIS116, CIS125, CIS 127 CIS219, EGR 100, EGR235, EGR236, MAT129, MAT 140, MAT141, MAT142, MAT245, MAT247, MAT255, MAT 246, PHY121 or PHY131, PHY122 or PHY132, PHY133 | 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 - GPA Requirement | GPA of 2.0 Required for graduation | 0 | Upon Completion |