

# Liberal Arts and Sciences – Math/Science, A.S.

Fall 2024

Student's Name:			Advisor's Name:			
<b>Student may need to take the following courses:</b>	<input type="checkbox"/> ENGL 049 <b>OR</b> Accelerated Writing Skills for	<input type="checkbox"/> MATH 020 Skills & Support for College Algebra				
	<input type="checkbox"/> ENGL 098 ENGL100	<input type="checkbox"/> MATH 120 - College Algebra				
	<input type="checkbox"/> RDNG 116 - College Reading & Study Skills	<input type="checkbox"/> MATH 138 - Pre-Calculus				
Course Number	Course Title	Credits	Min. Grade	Grade Earned T - Transfer	Semester Completed	Notes
<b>A. Required Courses</b>						
ENGL 100	Academic Writing I <sup>1</sup>	3	C			
ENGL 101	Academic Writing II	3				
FSS Freshman Seminar <sup>2</sup>		1				
ENGL 201 <b>OR</b> ENGL 204 <b>OR</b> ENGL 210	Public Speaking <b>OR</b> Interpersonal Communication <b>OR</b> Intercultural Communication	3				
HSTY 115, 116, 117, 201, 202 <b>OR</b> 225		3				
MATH 201	Calculus I <sup>3</sup>	4				
STEM290	Math/Science Capstone	3				
<b>Total Credits</b>		<b>20</b>				
<b>B. Two (2) Course Pairs (MUST include one 8-credit pair.) Select from two different disciplines:</b>						
BIOL 104 and BIOL 105		8				
CHEM 107 and CHEM 108		8				
MATH 200 and MATH 202 <b>OR</b> MATH 202 and MATH 203		7				
PHSC 104 and PHSC 105 <b>OR</b> PHSC 211 and PHSC 212		8				
<b>Total Credits</b>		<b>15</b>				
<b>C. Computer Applications</b>						
CAPS 121 <b>OR</b> CAPS 191	Introduction to Spreadsheets <b>OR</b> Introduction to MATLAB	1				
<b>Total Credits</b>		<b>1</b>				
<b>D. Math, Science, or Computer Science Electives: Minimum 6 credits required.</b>						
Elective		3				
Elective		3				
<b>Total Credits</b>		<b>6</b>				
<b>E. SUNY GEN ED Electives</b>						
SUNY GEN ED Humanities or World Languages		3				
SUNY GEN ED Social Sciences Elective		3				
ENVS102 – Technology and the Environment <b>OR</b> ENGL102 – Approaches to Literature <sup>4</sup>		3				
<b>Total Credits</b>		<b>9</b>				
<b>F. Unrestricted Electives <sup>5</sup></b>						
Elective		3				
Elective		3				
Elective		3				
<b>Total Credits</b>		<b>9</b>				
<b>Minimum Credits Required for Graduation: 60 A cumulative GPA of at least 2.0 is required for conferral of degree.</b>						
Note: Credits in excess of the amounts in Category A through E may be applied to Category F only.						
<sup>1</sup> A student exempted from ENGL 100 must substitute a three-credit unrestricted elective to be selected in consultation with the student's advisor.						
<sup>2</sup> Freshman Seminar: Choose in consultation with student's advisor based on interests and availability. FSS 138 <i>Freshman Seminar for Math/Science</i> is preferred, but BIOT 101 <i>Introduction to Biotechnology</i> , FSS 140 <i>Applied Science and Technology</i> , or FSS 132 <i>Freshman Seminar - Environmental Studies</i> may be taken.						
<sup>3</sup> MATH 201: Minimum C grade required to take MATH 202.						
<sup>4</sup> Students who have met this SUNY GEN ED Area through another requirement may substitute an unrestricted elective.						
<sup>5</sup> Courses should be selected in consultation with the student's advisor and should be based on requirements at the intended four-year transfer institution. No more than three FITN credits may be used toward the Unrestricted Electives requirements.						
<b>NOTES:</b>						