

# Computer Science, A.S. Fall 2021

Student's Name:	Advisor's Name:
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<b>Student may need to take the following courses:</b>	<input type="checkbox"/> ENGL049 – Accelerated Reading and Writing Skills for ENGL100 <b>OR</b> <input type="checkbox"/> ENGL098 – Accelerated Writing Skills for ENGL100 <input type="checkbox"/> RDNG 116 - College Reading and Study Skills	<input type="checkbox"/> MATH 090 - Pre-Algebra <input type="checkbox"/> MATH 095 - Beginning Algebra <input type="checkbox"/> MATH 120 - College Algebra
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Course Requirement	Course Title	Credits	Min. Grade	Grade Earned T - Transfer	Semester Completed
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**FIRST YEAR**

**FALL**

CAPS 131	Introduction to Databases	1			
CAPS 152	Web Page Design	1			
CSCI 160 <b>OR</b> CIS 108	Computer Science I <b>OR</b> Introduction to Computer Information Systems	3			
ENGL 100	Academic Writing I <sup>1</sup>	3	C		
MATH 138	Precalculus Mathematics <sup>2</sup>	4	C		
MATH 200	Statistics	3			
<b>Total Credits</b>		<b>15</b>			

**SPRING**

CSCI 165	Computer Science II	3			
ENGL 101	Academic Writing II	3			
MATH 216	Discrete Mathematics	4			
SUNY GEN ED Restricted Elective <sup>3</sup>		3			
SUNY GEN ED Social Sciences Elective		3			
<b>Total Credits</b>		<b>16</b>			

**SECOND YEAR**

**FALL**

CIS 220	Database Concepts	3			
CSCI 205	Computer Science III - Data Structures	3			
ENGL 102	Approaches to Literature	3			
MATH 201	Calculus I	4	C		
SUNY GEN ED Lab Science Elective		3			
<b>Total Credits</b>		<b>16</b>			

**SPRING**

CSCI 210	Computer Architecture and Organization	3			
ENGL 201 <b>OR</b> ENGL 204	Public Speaking <b>OR</b> Interpersonal Communication	3			
MATH 202	Calculus II	4			
Lab Science Elective		3			
SUNY GEN ED Restricted Elective <sup>3</sup>		3			
<b>Total Credits</b>		<b>16</b>			

**Minimum Credits Required for Graduation: 63    A cumulative GPA of at least 2.0 is required for conferral of degree.**

<sup>1</sup> A student exempted from ENGL 100 must substitute a three credit SUNY GEN ED elective. The course should be selected in consultation with the student's advisor.

<sup>2</sup> MATH course placement depends on student background. If exempted from MATH 138, the student must complete another course which should be selected in consultation with his/her advisor.

<sup>3</sup> Select from approved courses for two of the following SUNY GEN ED areas: 4-American History, 5-Western Civilization, 6-Other World Civilizations, 8-The Arts, or 9-Foreign Language.

Note: A "C" or better grade is required in ENGL 100, MATH 138, and MATH 201.

**NOTES:**