

Science/Mathematics-Computer Science Option– A.S.

Associate in Science – A.S.

Effective Date: 7/1/19-6/30/20 | CATALOG: UG19

FALL SEMESTER 1 st YEAR		Credit Hours	<input checked="" type="checkbox"/>
COLL101	Foundations for Success	3	<input type="checkbox"/>
ENGL101	English Composition I	3	<input type="checkbox"/>
COMS114	Introduction to Computer Science I	3	<input type="checkbox"/>
GSOC000	Social Science Gen Ed Requirement	3	<input type="checkbox"/>
GHUM000	Humanities Gen Ed Requirement	3	<input type="checkbox"/>
TOTAL FALL SEMESTER		15	

FALL SEMESTER 2 nd YEAR		Credit Hours	<input checked="" type="checkbox"/>
MATH114	Calculus II	4	<input type="checkbox"/>
LSCI000	Science Gen Ed Requirement	4	<input type="checkbox"/>
COMS221	Operating Systems (FA)	3	<input type="checkbox"/>
COMS218	Database Management Systems (FA)	3	<input type="checkbox"/>
TOTAL FALL SEMESTER		14	

WINTER SESSION 1st YEAR

WINTER SESSION 2nd YEAR

SPRING SEMESTER 1 st YEAR		Credit Hours	<input checked="" type="checkbox"/>
ENGL102	English Composition II	3	<input type="checkbox"/>
MATH113	Calculus I	4	<input type="checkbox"/>
COMS115	Introduction to Computer Science II	3	<input type="checkbox"/>
COMS239	Fundamentals of Computer Architecture (SP)	3	<input type="checkbox"/>
GSOC000	Social Science Gen Ed Requirement	3	<input type="checkbox"/>
TOTAL SPRING SEMESTER		16	

SPRING SEMESTER 2 nd YEAR		Credit Hours	<input checked="" type="checkbox"/>
MATH201 or MATH213	Discrete Mathematics or Calculus III	4	<input type="checkbox"/>
LSCI000	Science Gen Ed Requirement	4	<input type="checkbox"/>
COLL208	Capstone for Computer Science	1	<input type="checkbox"/>
COMS210	Systems Analysis and Design (SP)	3	<input type="checkbox"/>
COMS223	Data Structures (SP)	3	<input type="checkbox"/>
TOTAL SPRING SEMESTER		15	

SUMMER SESSION 1st YEAR

SUMMER SESSION 2nd YEAR

TOTAL PROGRAM 60

Humanities General Education courses (Recommended)			
Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.			
HIST101	History of Western Civilization I	3	<input type="checkbox"/>

Science General Education courses (Recommended)			
Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.			
PHYS110	Physics I	4	<input type="checkbox"/>
PHYS112	Physics II	4	<input type="checkbox"/>
PHYS120	Physics I with Calculus	4	<input type="checkbox"/>
PHYS121	Physics II with Calculus	4	<input type="checkbox"/>

Social Science General Education courses (Recommended)			
Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.			
ECON101	Macroeconomics	3	<input type="checkbox"/>
ECON102	Microeconomics	3	<input type="checkbox"/>

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.