

Major: Computer Science

ASSOCIATES of SCIENCE

Requirements for Students for Academic Year 2023-2024

GENERAL EDUCATION REQUIREMENTS 37 HOURS (Minimum) (Check Catalog listings for prerequisites)*		
Area	Hours	To be selected from:
Computers	3	COMS 1133 Fund of Comp Usage
English Composition	6	ENGL 1113 Comp I ENGL 1213 Comp II*
Communication	3	SPCH 1113 Intro to Oral Communication
American History	3	HIST 1483 American History Survey to 1877 <i>or</i> HIST 1493 American History Survey since 1877
US Government	3	POLS 1113 Amer. Federal Government
Analytical & Quantitative Thought	3	MATH 1513 PreCalculus Algebra
Science	4-5	Science with a lab
Science	3-5	Science
Humanities	6	Any course designated (H, see course description)
Elective	3	One course from the following: Psychology, Sociology, Foreign Language or Fine Arts
PROGRAM REQUIREMENTS 25 HOURS (Minimum) (Check Catalog course listings for prerequisites)*		
College Orientation	1	EDUC 1111
CORE COURSES 24 hours		
Intro to Computer Programming	3	COMS 1203*
Introduction to Java	3	COMS 2133*
Introduction to Unix	3	COMS 1483*
C Language	3	COMS 2473*
C++ Language	3	COMS 2843*
Visual Basic	3	COMS 2283*
HTML and CSS	3	COMS 1013*
A+ I	3	COMS 2023*
A+ II	3	COMS 2143*
PHP Programming	3	COMS 2463*
Database & Design SQL	3	COMS 2643*
Mobile Dev -- Android	3	COMS 2793*
Mobile Dev -- iOS	3	COMS 1793*
Python	3	COMS 2743*
C#	3	COMS 2613*
Data Structures	3	COMS 2683*
JavaScript	3	COMS 2033*
Network Fundamentals	3	COMS 1263*
Windows Operating Systems	3	COMS 2163*
Advanced UNIX (Linux)	3	COMS 2783*
Recommended Electives		
Elementary Statistics	3	MATH 2013
Technical/Professional Writing	3	ENGL 2333*
Total Hours: 62		