

COMPUTER SCIENCE, ASSOCIATE IN SCIENCE FOR TRANSFER

The model sequence of coursework below is one pathway for students to complete the program. The information below is not an official educational plan. An MPC Counselor can assist you with creating a personalized education plan based on your academic, career, and personal goals. Visit MPC's Counseling website for more information about Counseling and up-to-date program requirements.

Suggested 2-Year Course Sequence

Course	Title	Units
Year 1		
Fall		
ENGL 1A or ENGL 1AE	College Composition or College Composition: Enhanced	3
MATH 20A	Calculus with Analytic Geometry I	4
CSIS 10A	Programming Methods I: Java	4
IGETC Area 4 (US-1 Course Recommended)		3
Units		14
Spring		
ENGL 2	Argumentative Writing and Critical Thinking	3
MATH 20B	Calculus with Analytic Geometry II	4
CSIS 12	Discrete Structures	3
IGETC Area 4 (US-2 & 3 Course Recommended)		3
IGETC Area 5B		3
Units		16
Summer		
IGETC Area 6 (UC Requirement)		0-5
SPCH 1 or SPCH 2 (CSU Requirement)		0-3
Units		0-8
Year 2		
Fall		
MATH 20C	Calculus of Several Variables	4
PHYS 3A	Science and Engineering Physics I	4
IGETC Area 3A		3
IGETC Area 3B		3
Units		14
Spring		
CSIS 10B	Programming Methods II: Java	4
CSIS 11	Computer Architecture and Organization	3
PHYS 3B	Science and Engineering Physics II	4
IGETC Area 3A or 3B		3
IGETC Area 4		3
Units		17
Total Units		61-69