

Sample Academic Plan: Computer Science – Embedded Systems Certificate

Catalog: 22-23

GE Pattern: N/A

Part Time, Total Units: 26

NOTE: This program roadmap represents one possible pathway to complete the program. Please see a counselor to create an academic plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability. For counseling appointments call (916) 660-7400.

First Year

Semester 1 (11 units)

Course Number	Course Title	Units	Area
CSCI 0010	Introduction to Computing	3 units	Prerequisite
MATH 0012	College Algebra	4 units	Prerequisite
MECH 0010	Fundamentals of Electronics	4 units	Major

Semester 2 (6 units)

Course Number	Course Title	Units	Area
CSCI 0012	Programming Concepts and Methodology I	3 units	Major
CSCI 0039	Intro to Comp Architect and Assembly Lang	3 units	Major

Second Year

Semester 3 (9 units)

Course Number	Course Title	Units	Area
CSCI 0026	Discrete Structures for Computer Science	3 units	Major
CSCI 0046	System Programming with C	3 units	Major
CSCI 0079	Mobile Device Programming	3 units	Major