Sample Academic Plan: Computer Science – Computer Science- Management Information Systems AA/AS Degree

Catalog: 22-23
GE Pattern: Sierra College
Full Time, Total Units: 60
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 (15 units)

Course Number	Course Title	Units	Area
CSCI 0010	Introduction to Computing	3 units	Major
ENGL 0001A	College Reading, Writing and Research	4 units	Sierra Area D1/LS 1/2
MATH 0012	College Algebra	4 units	Prereq/Sierra D2 LS 4
	General Education	3 units	Sierra Area E
	Elective	1 unit	Elective

Semester 2 (15-16 units)

Course Number	Course Title	Units	Area
CSCI 0027	Visual Basic .NET Programming I	3 units	Major
CSCI 0050	Introduction to Unix/Linux	3 units	Major
CSCI 0062	Web Programming I	3 units	Major
	General Education	3 units	Sierra Area B/LS 3
	General Education	3-4 units	Sierra Area A

Second Year

Semester 3 (15 units)

Course Number	Course Title	Units	Area
CSCI 0012	Programming Concepts and Methodology I	3 units	Major Elective
CSCI 0054	Visual Basic .NET Programming II	3 units	Major
IT 0105	Computer Network Fundamentals	3 units	Major
	General Education	3 units	Sierra Area F
	Electives	3 units	Electives

Semester 4 (14-15 units)

Course Number	Course Title	Units	Area
CSCI 0052	Introduction to SQL	3 units	Major
CSCI 46/CSCI 59P/CSCI 79	Sys Prog with C/Web Prog PHP/Mobile Dev Prog	3 units	Major elective
	General Education	3 units	Sierra Area C
	Electives	3 units	Electives
	Electives	2-3 units	Electives