

Sample Academic Plan: Mathematics- Mathematics AA/AS Degree

Catalog: 22-23

GE Pattern: Sierra College

Full Time, Total Units: 60 units

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
MATH 0030	Analytical Geometry and Calculus I	4 units	Major/ SC Area D2/LS 4
ENGL 0001A	College Read/Write/Research	4 units	SC Area D1/LS 1 & LS 2
	General Education	3 units	SC Area C
	General Education	3 units	SC Area E
	Elective	1 unit	Elective

Semester 2 (16 units)

Course Number	Course Title	Units	Area
MATH 0031	Analytical Geometry and Calculus II	4 units	Major
	General Education	3 units	SC Area C
	General Education	3 units	SC Area B
	Elective	3 units	Elective
	Elective	3 units	Elective

Second Year

Semester 3 (13-14 units)

Course Number	Course Title	Units	Area
MATH 0032	Analytical Geometry and Calculus III	4 units	Major
	General Education	3 units	Sierra Area LS 3
	General Education	3-4 units	SC Area A
	General Education	3 units	SC Area F

Semester 4 (16 units)

Course Number	Course Title	Units	Area
MATH 0033	Differential Equations Linear Algebra	6 units	Major
MATH 0010/0015	Problem Solving/Discrete Mathematics	4 units	Major Elective
	Elective	3 units	Elective
	Elective	3 units	Elective