

# Sample Academic Plan: Information Technology- Data Analytics 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
IT 0015	Business Information Systems	3 units	Major
MATH 0013	Elementary Statistics	4 units	Major/SC Area D2/LS 4
ENGL 0001A	College Read/Write/Research	4 units	SC Area D1/LS 1 & 2
	General Education	4 units	SC Area A

### Semester 2 (15 units)

Course Number	Course Title	Units	Area
BUS 0252	Excel for Business Applications	3 units	Major
IT 0075	Python for Many Uses	3 units	Major
	General Education	3 units	SC Area LS 3
	Elective	3 units	Elective
	Elective	3 units	Elective

## Second Year

### Semester 3 (15 units)

Course Number	Course Title	Units	Area
IT 0055	Database Management	3 units	Major
IT 0060/IT 0080/IT 0095	Proj Mngmnt Software/IoT- Int of Things/Intern	3 units	Major Elective
	General Education	3 units	SC Area C
	General Education	3 units	SC Area E
	Elective	3 units	Elective

### Semester 4 (15 units)

Course Number	Course Title	Units	Area
IT 0065	Data analytics/Visualization Using Tableau	3 units	Major
IT 0060/IT 0080/IT 0095	Proj Mngmnt Software/IoT- Int of Things/Intern	3 units	Major Elective
	General Education	3 units	SC Area B
	General Education	3 units	SC Area F
	Elective	3 units	Elective