

Sample Academic Plan: Physics- Physics for Transfer AS-T Degree

Catalog: 22-23

GE Pattern: CSU GE

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 (14 units)

Course Number	Course Title	Units	Area
MATH 0030	Analytical Geometry and Calculus I	4 units	Major/ CSU Area B4
ENGL 0001A	College Read/Write/Research	4 units	CSU Area A2
	General Education	3 units	CSU Area E
	General Education	3 units	CSU Area B2

Semester 2 (15 units)

Course Number	Course Title	Units	Area
MATH 0031	Analytical Geometry and Calculus II	4 units	Major
PHYS 0205 & 0205L	Principles of Physics: Mechanics/Lab	5 units	Major/CSU Area B1/B3
	General Education	3 units	CSU Area A3
	General Education	3 units	CSU Area C2

Second Year

Semester 3 (17 units)

Course Number	Course Title	Units	Area
MATH 0032	Analytical Geometry and Calculus III	4 units	Major
PHYS 0210 & 0120L	Principles of Physics: Electricity and Magnetism	4 units	Major
	General Education	3 units	CSU Area C1
	General Education	3 units	CSU Area F
	General Education	3 units	CSU Area A1

Semester 4 (14 units)

Course Number	Course Title	Units	Area
PHYS 0215 & 0215L	Principles of Physics: Heat Waves Modern Phys/Lab	4 units	Major
	General Education	3 units	CSU Area D
	General Education	3 units	CSU Area C1/C2
	General Education	3 units	CSU Area D