

Sample Academic Plan: Physics- UC Transfer Pathway- Physics AS-T Degree

Catalog: 22-23

GE Pattern: IGETC for STEM (UC)

Full Time, Total Units: 63-68

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 (16 units)

Course Number	Course Title	Units	Area
MATH 0030	Analytical Geometry and Calculus I	4 units	Major/IGETC Area 2
CHEM 0001A	General Chemistry I	5 units	Major/IGETC 5A/5C
ENGL 0001A	College Read/Write/Research	4 units	Major/IGETC Area 1A
ARHI 0150/0155	History of Asian Art/History Islamic Art	3 units	Major/IGETC Area 3A

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
ENGL 0001B/0001C	Critical Think Lit/Critical Think Write Across Curric	3 units	Major/IGETC Area 1B
	General Education	3 units	IGETC Area 3B

Summer Semester (5 units)

Course Number	Course Title	Units	Area
CHEM 0001B	General Chemistry II	5 units	Major

Second Year

Semester 3 (14 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
ANTH 0001/BIOL 0010	Biological Anthro/Intro to Biology	3 units	Major/IGETC Area 5B
ETHN 0050/HIST 0018B	Ethic Images in Film/ African Amer Exp since 1877	3 units	Major/IGETC Area 4

Semester 4 (13-18 units)

Course Number	Course Title	Units	Area
MATH 0033	Differential Equations and Linear Algebra	6 units	Major
PHYS 0215 & 0215L	Principles of Physics: Heat Waves Modern Phys/Lab	4 units	Major
SPAN 0001/FREN 0001	Elementary Span I/Elementary French I (if needed)	0-5 units	Major/IGETC Area 6
	General Education	3 units	IGETC Area 4