



PHYSICS

Transfer Major Advisement

SAC COURSES	CAL POLY POMONA	CSU FULLERTON	CSU LONG BEACH	UC IRVINE
CHEMISTRY 219, GENERAL	X	X	X	
CHEMISTRY 229, GENERAL	X	2.1	X	
COMPUTER SCIENCE 121, PROG CONCEPTS	1.1			
MATHEMATICS 180, CALCULUS	X	X	X	X
MATHEMATICS 185, CALCULUS	X	X	X	X
MATHEMATICS 280, INTER/CALCULUS	X	X	X	X
MATHEMATICS 295, DIFF EQUATIONS	X			X
PHYSICS 217, ENGINEERING PHYSICS	X	X	X	X
PHYSICS 227, ENGINEERING PHYSICS	X	X	X	X
PHYSICS 237, ENGINEERING PHYSICS	X	X	X	X
OTHER	1.1	2.1	3.1	4.1, 4.2

X = Lower division preparation for the major.

- 1.1 **CPP:** Take Computer Science 213 or 121. Add Biology 109 and 109L.
- 2.1 **CSUF:** For emphasis in Business take Accounting 101 instead of Chemistry 229.
- 3.1 **CSULB:** Add Biology (109+109L), or 211 or (212+214). A Bachelor of Arts and a Bachelor of Science are offered.

- 4.1 **UCI:** Preference will be given to junior level applicants with the highest grades overall and who have satisfactorily completed one year of calculus and one year of calculus based engineering physics with lab. Concentrations are offered in: Applied Physics, Biomedical Physics, Computational Physics, Physics Education, and Philosophy of Physics.
- 4.2 **UCI:** Add Computer Science 213.

The major preparation listed above ONLY includes courses for which articulation exists. This information is based upon university course articulation and catalog information available at the time of publication. It is to be used as a guide for lower division preparation for the major and not as an official document. **It is the student's responsibility to check the current catalog and articulation for any additional course requirements, or for any changes which may occur. Students are advised to consult with a SAC counselor. Additional articulation information can be obtained at www.assist.org. (01/09)**