

# Associate in Science in Physics for Transfer Degree:

The Associate in Science in Physics for Transfer Degree is intended for students who plan to complete a bachelor's degree in Physics or a related major in the California State University (CSU) system. Students who complete this degree and transfer to a participating CSU campus will be required to complete no more than 60 units after transfer to earn a bachelor's degree. It may not be appropriate preparation for students transferring to a CSU campus that does not accept the degree. Students who plan to complete this degree should consult a counselor for additional information about participating CSU campuses as well as university admission, degree, and transfer requirements.

<b>Courses Required for the Major:</b>		<b>Units</b>
PHYS 195	Mechanics*	5
PHYS 196	Electricity and Magnetism*	5
PHYS 197	Waves, Optics and Modern Physics*	5
MATH 150	Calculus with Analytic Geometry I*	5
MATH 151	Calculus with Analytic Geometry II*	4
MATH 252	Calculus with Analytic Geometry III*	4
<b>Total Units = 28</b>		

\*Course also fulfills general education requirements for the CSU GE or IGETC pattern.

**General Education:** In addition to the courses listed above, students must complete one of the following general education options:

- The IGETC pattern (page 112) is accepted by all CSU campuses and most UC campuses and majors. It is also accepted by some private/independent or out of state universities.
- The CSU GE pattern (page 120) is accepted by all CSU campuses and some private/independent or out of state universities. It is not accepted by the UC system.

It is strongly recommended that students consult with a counselor to determine which general education option is most appropriate for their individual educational goals.

**Electives as needed to meet maximum of 60 units required for the degree.**