

Physics AS-T

The Associate in Science in Physics for Transfer Degree is intended for students who are planning to transfer to a California State University (CSU) institution into the Physics Bachelors program. The Student is guaranteed admission to a CSU upon completion of this program. The Associate in Science in Physics for Transfer Degree is designed to provide students with a Transfer Model Curriculum in all aspects of the physical universe are of interest to the physicist, who seeks to understand not only the smallest forms of matter and the rich phenomena present in our everyday lives but also the universe itself. The tools of the physicist include observation, imagination, model building, prediction, and deduction. The Associate in Science in Physics for Transfer degree is designed to provide the skills, understanding, and outlook required for participation in the discovery of new knowledge about nature.

The Associate in Science in Physics for Transfer Degree requirements include: (1) completion of 60 CSU transferable units, including the minimum 24 units in the major and the completion of either IGETC or CSU GE; (2) a minimum GPA of 2.0. (3) A grade of “C” or better in all courses required for the major or area of emphasis.

Students should meet with a counselor to determine the necessary course work to complete the general education requirements.

Required Course (s): (Complete 24 Units)

Course	Title	Units
PHYS 37	Physics for Engineers and Scientists I	5
PHYS 38	Physics for Engineers and Scientists II	5
PHYS 39	Physics for Engineers and Scientists III	5
MATH 265	Calculus with Analytic Geometry I	5
MATH 266	Calculus with Analytic Geometry II	5

Los Angeles Southwest College Associate Transfer Degree

Senate Bill (SB) 1440 and the California Education Code (CEC) section 66746 require students seeking an Associate in Degree for Transfer to:

- (1) Complete 60 semester units of 90-quarter units that are eligible for transfer to the California State University, including both of the following?
 - a. The Intersegmental General Education Transfer curriculum (IGETC) or the California State University General Education-Breadth Requirements
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major area of emphasis. A “P” (Pass) grade is not an acceptable grade for courses in the major.