

Associate in Science Transfer Degree

Total Credits

90

Degree Requirements

The Associate in Science Transfer degree is designed to fulfill the requirements of baccalaureate institutions for transfer with junior standing. The requirement of the degree is completion of a minimum of 90 credits with a specific number in each of English/Humanities distribution, Social Sciences distribution, Science, and Quantitative Skills courses.

Students completing this Associate in Science Transfer degree will receive the same priority consideration for admission to the baccalaureate institution as they would for completing the direct transfer associate degree and will be eligible for junior status by the receiving institution.

Track 1 Degree Requirements

Biological Sciences | Geology | Earth Science Environmental/Resource Sciences | Chemistry

- **Communications:** Minimum five quarter credits in college- level composition course
- **Mathematics:** Two courses (10 quarter credits) required at or above introductory calculus level
- **Humanities and Social Science:** Minimum 15 quarter credits. Minimum of five quarter credits in Humanities, minimum of five quarter credits in Social Science, plus an additional five quarter credits in either Humanities or Social Science for a total of 15 quarter credits; courses taken must come from the current Intercollege Relations Commission (ICRC) [distribution list](#) in order to count as General Education or General University Requirements (GER/GUR) at the receiving institution
- Additional credits in general education, cultural diversity, and foreign language may be required by the transfer institution, which must be met prior to the completion of a baccalaureate degree

PREMAJOR REQUIREMENTS

In a premajor program for biological sciences, environmental/resource sciences, chemistry, geology, and earth sciences, students should take:

- **Chemistry** (for science majors) sequence: 15 quarter credits
- **Third-quarter calculus** or approved statistics course: 5 quarter credits
- **Biology or physics** (calculus-based or non-calculus-based) sequence: 15 quarter credits; some baccalaureate institutions require physics with calculus
- **Additional requirements:** 10-15 quarter credits in physics, geology, organic chemistry, biology, or mathematics, consisting of courses normally taken for science majors (not for general education), preferably in a two-or-three quarter sequence. Biology majors should select organic chemistry or physics
- **A maximum of five quarter credits** of “gray area” courses will be accepted in the remaining credits category. Precalculus cannot be used to satisfy the mathematics requirement. Students are responsible for checking specific major requirements of baccalaureate institutions in the year prior to transferring

Note: Sequence of courses should not be broken up between institutions. Some majors may require calculus-based Physics.

Remaining credits (10-15 quarter credits): Sufficient additional college-level credits so that total credits earned are at least 90 quarter credits. These remaining credits may include prerequisites for major courses (e.g., precalculus), additional major coursework, or specific general education or other university requirements, as approved by the advisor. Students are responsible for checking specific major requirements of baccalaureate institutions in the year prior to transferring. A maximum of five credits of nonacademic electives, a maximum of five credits of theater arts/music instruction, a maximum of three credits private music instruction, and a

maximum three credits physical education will be accepted. A cumulative grade point average of 2.0 or above in college-level courses. This is a minimum requirement for the AS degree. A lower grade point average may affect a student's chances of admission to a specific science program or bachelor-degree track.

Transfer

Student Learning Outcomes

Upon completion of an Associate in Science Transfer degree, Peninsula College graduates will be able to:

- Demonstrate academic skills at the college level, e.g., literacy, quantitative and critical thinking, composition, and the acquisition of information
- Employ modes of inquiry basic to philosophical, scientific, mathematical, social, historical, and literary studies
- Demonstrate knowledge in the humanities and arts, natural and physical sciences, mathematics, and the social sciences
- Integrate knowledge drawn from diverse areas of study
- Demonstrate mastery of field-specific knowledge in preparation for successful transfer to an upper-division science program

Advising is a critical element in implementation of the Associate in Science Transfer degree. Sequences should not be broken up between institutions (e.g., the typical three-quarter physics sequence should be taken entirely at one institution)

Transfer Degree
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