

Associate in Science Transfer Degree Track 1: Biological Sciences, Environmental/Resource Sciences, Chemistry, Geology, and Earth Science¹

Effective Fall 2000, Updated Spring 2017

The Associate in Science Transfer (AS-T) Degree Track 1 is designed to prepare students for upper division study in the areas of biological sciences, environmental/resource sciences, chemistry, geology, and earth science. Completing the AS-T Track 1 degree will prepare students for upper division study; it does not guarantee students admission to the major.

In order to prepare students for upper division study, the Associate in Science Transfer Degree Track 1 should possess the following characteristics:

- I. Be issued only to students who have earned a cumulative grade point average of at least 2.00, as calculated by the degree awarding institution.
- II. Be based on 90 quarter hours of transferable credit distributed as follows:
 - A. Communication Skills (minimum 5 credits)
 1. Minimum 5 quarter credits in college-level composition course.
 - B. Mathematics (10 credits)
 1. Two courses (10 credits) required at or above introductory calculus level. (See also D.2. below.)
 - C. Humanities and Social Science (minimum 15 credits)
 1. Minimum 5 credits in Humanities; and
 2. Minimum 5 credits in Social Science; and
 3. Additional 5 credits in either Humanities or Social Science for a total of 15 credits.
 - D. Pre-major Program (45 – 50 credits)
 1. Chemistry (for science majors) sequence (15 credits)
 2. Third quarter calculus or approved statistics course (5 credits).
 3. Biology (for science majors) or physics (calculus-based or non-calculus-based) sequence (15 credits).
 4. Additional requirements: 10 -15 credits in physics, geology, organic chemistry, biology, or mathematics, consisting of courses normally taken for science majors (not for general education), preferably in a 2- or 3-quarter sequence.
 - E. Remaining Credits (10-15 credits)
 1. 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., pre-calculus), additional major coursework, or specific general education or other university requirements, as approved by the advisor.

¹ Engineering, Computer Science, Physics, and Atmospheric Sciences majors are referred to the Associate in Science Transfer Degree Track 2.

Notes

1. 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's degree and will be given junior status by the receiving institution.
2. Courses taken under D. above must come from the Intercollege Relations Commission (ICRC) Handbook's "Courses Generally Accepted in Transfer" list in order to count as GERs/GURs at the receiving institution. A graduate who has earned the Associate in Science Transfer degree will be required to complete only such additional lower division general education courses at the receiving four-year institutions of higher education as would have been required to complete the DTA Associate degree. Additional degree requirements such as cultural diversity requirements and foreign language requirements, as required by the receiving institution, must be met prior to the completion of a baccalaureate degree.
3. Students should be advised that some baccalaureate institutions require physics with calculus to meet D.3.
4. Biology majors should select organic chemistry or physics for the D.4. Requirement.
5. A maximum of five (5) credits from the ICRC Handbook's "Restricted Subject Areas for Transfer" list will be accepted in the remaining credits category (E. above).
6. Pre-calculus cannot be used to satisfy the mathematics requirement (B. above).
7. Students are responsible for checking specific major requirements of baccalaureate institutions in the year prior to transferring.
8. Sequences should not be broken up between institutions (e.g., the typical three-quarter physics sequence should be taken entirely at one institution).
9. When community colleges award the Associate in Science - Transfer (AS-T) Degree Track 1 for purposes of clarity on the transcript and use by SBCTC for reporting, the college will designate completion as follows for clarity on the transcript and use by SBCTC for tracking reporting purposes:
 - a. Associate in Science-Transfer to Biological, Environ/Resource, Chemistry, Geology and Earth Sciences
 - i. Plan Code: LRST1AS
 - ii. Degree: AS
 - iii. Intent Code: B
 - iv. Exit Code: A
 - v. CIP Code: 24.0101