

AST Track 1

Effective Fall 2000

Associate in Science-Transfer #1

Biological Sciences, Environmental/Resource Sciences, Chemistry, Geology, and Earth Science¹

The Associate of Science Transfer (AS-T) Degree #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 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 of Science Transfer Degree #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)

Minimum 5-quarter credits in college-level composition course.
 - B. Mathematics (10 credits)

Two courses (10 credits) required at or above introductory calculus level.
(See also D2 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. An 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)

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 of Science Transfer Degree #2; Mathematics majors are referred to the DTA Associate Degree.

CLARIFICATIONS:

1. Students completing this Associate of 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 current ICRC distribution list (Appendix B) in order to count as General Education or General University Requirements (GERs/GURs) at the receiving institution. Additional general educational requirements, cultural diversity requirements, and foreign language requirements, as required by the transfer 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 "D3".
4. Biology majors should select organic chemistry or physics for the "D4". Requirement.
5. A maximum of five (5) quarter credits of restricted elective courses 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).