



## Associate in Science- Transfer Track 1

### Biological Sciences, Environmental/Resource Sciences, Chemistry, Geology, and Earth Science 90 Credits Minimum

The Associate in Science-Transfer (AS-T) degree is designed for students who are interested in earning a two-year academic degree. Like all Cascadia transfer degrees, the AS-T degree provides students with a solid foundation for future studies through the completion of a range of courses in the sciences and liberal arts. Courses are similar to what would typically be taken at a four-year college or university. Students selecting this degree complete a common general education core and then choose between two “tracks.” The Associate of 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 degree will prepare students for upper division study; it does not guarantee students admission to the major

AS-T degree students should consult an academic advisor for full details.

Upon successful completion of this degree a student will be able to:

- Understand patterns and make connections among different disciplines and schools of knowledge and to integrate studies with personal experience
- Learn actively and gain comprehensive understanding; to think critically, creatively, and reflectively in order to solve problems; to communicate with clarity and originality for personal growth and productive work; and to interact in diverse and complex environments and complicated, dynamic, and ambiguous situations
- Demonstrate a solid foundation for baccalaureate science studies through the completion of an appropriate range of courses in the sciences and liberal arts

#### Completion Requirements

The Associate in Science - Transfer Track 1 degree requires at least 90 credit hours in college level courses (numbered 100 or above), a minimum cumulative 2.0 grade point average, a minimum of 25 credits in residence at Cascadia, and completion of all of the requirements for this degree. Students must complete and submit an application for graduation to Enrollment Services for review and approval before the degree is granted. Students must include the graduation fee payment with the application form.

### GENERAL EDUCATION CORE REQUIREMENTS

**30 CREDITS**

#### Foundations for College Success

Must be completed within first 30 credits.

Course ID	Course Name	Lec	Lab	Other	Credits
COLL 100, or COLL 101	Study Strategies, or College Strategies	55			5.0

#### Communication

Course ID	Course Name	Lec	Lab	Other	Credits
ENGL&101	English Composition I	55			5.0
ENGL& 102	Composition II	55			5.0

AS-T Track 1-

06/10/2015 clarifications review team

04/23/2014 clarification of degree requirements and formatting

**Quantitative or Symbolic Reasoning**

Course ID	Course Name	Lec	Lab	Other	Credits
MATH& 151, or above	Calculus I, or above	55			5.0
MATH& 152, or above	Calculus II, or above	55			5.0

**Cultural Knowledge Requirement**

Course ID	Course Name	Lec	Lab	Other	Credits
CMST, GS, HIST, HUMAN, or SOC	150 series designated course	55			5.0
Students are also required to take an additional CKR designated course. This CKR designated course may also be used to satisfy either the Humanities or Social Science Distribution requirement below.					

**HUMANITIES / SOCIAL SCIENCES DISTRIBUTION REQUIREMENT 10 CREDITS**

Students must complete courses from at least two different disciplines. No more than five credits may be included from those courses designated **HP** as performance/skills, applied theory or lecture/studio courses. Only one course of a world language at the 100 level may be included.

Course ID	Course Name	Lec	Lab	Other	Credits
	H designated course	55			5.0
	SS designated course	55			5.0

**PRE-MAJOR REQUIREMENTS 50 CREDITS**

Students must complete courses from at least two different disciplines. At least 10 credits required in physical, earth and/or biological sciences. Students are required to complete the sequence courses listed below at one institution.

Course ID	Course Name	Lec	Lab	Other	Credits
CHEM&161	General Chemistry w/ Lab I	44	44		6.0
CHEM&162	General Chemistry w/ Lab II	44	44		6.0
CHEM&163	General Chemistry w/ Lab III	44	44		6.0
MATH& 146, or MATH&163	Intro to Statistics, or Calculus 3	55			5.0
BIOL&211, or PHYS& 221	Majors Cellular, or Engineering Physics I	55, or 44	22		6.0, or 5.0
BIOL&212, or PHYS&222	Majors Animal, or Engineering Physics II	33, or 44	66, or 22		6.0, or 5.0
BIOL&213, or PHYS&223	Majors Plant, or Engineering Physics, III	33, or 44	66, or 22		6.0, or 5.0
BIOL, CHEM, GEOL, MATH, or PHYS	See advisor for more information on prerequisite recommendations for pre-major transfer institutions	var	var		9.0 – 12.0