



Associate in Science- Transfer Track 1

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

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 meet with an advisor to complete and submit an application for graduation

GENERAL EDUCATION CORE REQUIREMENTS

25 CREDITS

Foundations for College Success

Must be completed within first 30 credits.

Course ID	Course Name	Lec	Lab	Other	Credits
COLL 101	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

Quantitative or Symbolic Reasoning

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

EQUITY, DIVERSITY, AND POWER REQUIREMENT

Students must complete a 150-series EDP course and at least one more additional EDP-designated course-- totaling ten (10) credits-- to meet the Equity, Diversity, and Power completion requirement. EDP courses in the 150-series ground students in the needed cognitive tools and background to critically analyze their position in our increasingly interconnected, complex, and diverse world so they can pursue further study and seek out their careers more intentionally. EDP designated courses may also apply toward Humanities, Social Science, Natural Science, or General Elective distribution requirements as indicated. See the Cascadia catalog for the complete list of EDP-designated courses.

HUMANITIES / SOCIAL SCIENCES DISTRIBUTION REQUIREMENT 15 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 5.0 credits of a world language at the 100 level may be included. CMST 150, GS 150, HIST 150, HUMAN 150, or SOC 150 may be used to fulfill 5 credits of the Humanities or Social Sciences Distribution requirement.

Course ID	Course Name	Lec	Lab	Other	Credits
	H designated course	55			5.0
	SS designated course	55			5.0
CMST 150, GS 150, HIST 150, HUMAN 150, or SOC 150	150-series EDP designated course	55			5.0

PRE-MAJOR REQUIREMENTS 50 CREDITS

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