

## Associate in Biology DTA/MRP

### 91 Credits Minimum

The Associate in Biology degree is a direct transfer agreement for students planning to transfer to four-year colleges and universities in the area of biology.

Students who complete an Associate in Biology DTA degree will have satisfied the lower division general education (or core) requirements and lower division science requirements at the baccalaureate institutions, subject to the provisos listed in the Intercollege Relations Commission Handbook.

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

University admission requirements vary—consult with an advisor for specific information. Admission to Washington public baccalaureate institutions is not guaranteed. It is strongly recommended that students contact the baccalaureate-granting institution early in their program to be advised about additional requirements (e.g., GPA) and procedures for admission. Please note that admission for many schools is competitive, and high grade-point averages and course grades are often required. Please check with your destination school and college. Consult with an academic advisor to develop an educational plan.

### Completion Requirements

The Associate in Biology DTA/MRP is a direct transfer degree that 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

**15 CREDITS**

### 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	55			5.0

## CULTURAL KNOWLEDGE REQUIREMENT

Students are required to complete 10 credits of coursework that meets the Cultural Knowledge requirement including a 150- series Cultural Knowledge course (CMST 150, GS 150, HIST 150, HUMAN 150, or SOC 150), AND an additional 5-credit CKR designated course. Both the 150-series course and the CKR-designated course may be applied to the Humanities, Social Sciences. See the catalog for a list of CKR designated courses.

**HUMANITIES 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 one course of a world language or ASL at the 100 level may be included. CMST 150, GS 150, HIST 150, or HUMAN 150 may be used to fulfill 5 credits of the Humanities Distribution requirement.

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

**SOCIAL SCIENCES DISTRIBUTION REQUIREMENT****15 CREDITS**

Students must complete courses from at least two different disciplines. GS 150, HIST 150, or SOC 150 may be used to fulfill 5 credits of the Social Sciences Distribution requirement.

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

**NATURAL SCIENCES DISTRIBUTION REQUIREMENT****36 CREDITS**

Course ID	Course Name	Lec	Lab	Other	Credits
BIOL&211	Majors Cellular	55	22		6.0
BIOL&212	Majors Animal	33	66		6.0
BIOL&213	Majors Plant	33	66		6.0
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

**REQUIRED ELECTIVE CREDITS****15+ CREDITS**

Remaining elective credits should be chosen with the help of an advisor based on the requirements of the specific major at the baccalaureate institution the student plans to attend. . COLL 101 is a required elective for all students. Examples of other elective choices include a full year sequence of organic chemistry for majors; a full year sequence of physics for science majors; or further math at the pre-calculus level or above or statistics. Consult an advisor for more information.