

Transfer Information

Students who earn Clark College's Associate in Arts degree qualify to transfer to most Washington colleges and universities with junior standing. To earn the Associate in Arts degree the student must:

- Complete a minimum of ninety (90) college-level credits in specified curriculum.
- Maintain a minimum cumulative college-level GPA of 2.00 or higher.
- Meet academic residency requirements.
- Submit a program completion application by the appropriate deadline.

Lower Division Requirements

General Education

Communication Skills	10 credits
Quantitative Skills	5 credits
Health and Physical Education	3 credits

Distribution

Humanities courses	15 credits
Social Science courses	15 credits
Science courses	15 credits

Electives

Distribution list courses	13 credits
Electives list courses	15 credits

See Clark College Catalog for specific course and degree criteria.



College Abilities

Clark College has identified six college-wide abilities that help students apply what they learn. The core abilities are taught across the curriculum and students continually practice and improve their skills in the six areas.

Communication

The ability to understand and deliver written, spoken and visual communication clearly and accurately.

Critical Thinking/Problem Solving

The ability to formulate, evaluate and synthesize facts, data, ideas, assumptions, values and points of view.

Effective Citizenship

The ability to identify community issues; evaluate and respect various opinions and values; and articulate one's own perspective.

Global/Multicultural Perspectives

The ability to identify, analyze and demonstrate how culture shapes world perceptions, values and behaviors.

Lifelong Learning

The ability to set and revise goals, access resources and assume responsibility for one's own learning.

Information/Technology

The ability to identify resources; retrieve and manage data; interpret, evaluate and use information; and adapt to changing technologies.

Clark College does not discriminate on the basis of race, color, national origin, sex, disability, age, religion, sexual orientation, gender identity, gender expression, creed, disabled veteran status, marital status or Vietnam-era veteran status in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies:

Director for Equity and Diversity
Baird Administration Building
(360) 992-2355
(360) 992-2835 (TTY)



Biological Sciences



- The basic foundation for many professions
- Associate in Arts Degree
- Associate in Science Transfer Degree
- Two-year transfer program



Biological Sciences

Biological sciences are the basic foundation for many professions. Upper division requirements at the transfer institution will determine the area of specialization. Students should work with a faculty advisor to develop a specific program.

Professional Opportunities

Following completion of a Bachelor of Arts or Science Degree at a four-year institution of the student's choice, several avenues of employment or advancement are open. A few of these are:

- Physical Therapy
- Food Processing
- Commercial Fisheries
- Graduate School
- State and Federal Wildlife agencies
- Science teaching at elementary or secondary level
- Environmental Sciences
- Movement into Health Science (medical, dental, pharmacy or optometry)
- Veterinary

Clark's Biological Sciences majors have had excellent success in finding placement in graduate programs, health science programs and professional areas. Clark College offers the first two years of most Biological Sciences majors: Biology, Botany, Forestry, Genetics, Marine Biology, Microbiology, Wildlife and Zoology. Special emphasis is placed on small class size, individual instruction, field experiences and undergraduate research opportunities. There is good exchange between the support areas of Chemistry, Geology and Physics to aid in developing relevant courses.



Biological Sciences

Associate in Arts Degree

Associate in Science Transfer Degree (AST-1)

This is a suggested program for the first two years of major study in Biology. An Associate in Arts degree is recommended, although an Associate in Science degree is available. Lower division course requirements will vary depending on the transfer institution. Contact an advisor at the transfer institution to determine required coursework as early as possible.

Major Area Requirements

First Year

BIOL	201	Evolution & Ecology	5 credits
BIOL	202	Biochemistry, Molecular Genetics and Development	5 credits
BIOL	203	Animal and Plant Physiology	5 credits
CHEM	131	General Inorganic Chemistry	5 credits
CHEM	132	General Inorganic Chemistry	5 credits
CHEM	133	General Inorganic Chemistry	4 credits
CHEM	135	Intro to Quantitative Inorganic Analysis	2 credits
CMST	101	Public Speaking	5 credits
or	201	Small Group Communication	5 credits
or	211	Interpersonal Communication	5 credits
ENGL	101	English Composition	5 credits
ENGL	102	English Composition	5 credits
		Health Requirement	2 credits
		Humanities/Social Science Requirements	15 credits
MATH	103	College Trigonometry (as needed)	5 credits
MATH	111	College Algebra	5 credits
or	105	Finite Mathematics *	5 credits
MATH	113	Calculus I	5 credits
or	106	Elements of Calculus *	5 credits
		PE Activity	1 credit

Second Year

CHEM	211	Organic Chemistry *	5 credits
and	212	Organic Chemistry *	5 credits
and	213	Organic Chemistry *	3 credits
and	214	Intro to Qualitative Organic Analysis *	2 credits
or	201	Elementary Organic Chemistry * Humanities/Social Science Requirements	6 credits 15 credits
PHYS	101	General Physics	5 credits
PHYS	102	General Physics	5 credits
PHYS	103	General Physics	5 credits
or			
PHYS	201	Engineering Physics	5 credits
PHYS	202	Engineering Physics	5 credits
PHYS	203	Engineering Physics	5 credits
BIOL	240	Microbiology *	5 credits

Optional Courses

BIOL	101	Environmental Biology	5 credits
BIOL	208	Field Studies	1-10 credits
or	224	Flowering Plants of the Pacific Northwest	5 credits
BIOL	139	Introduction to Wildlife	3 credits
BIOL	140	Mammals of the Pacific Northwest*	3 credits
or	141	Birds of the Pacific Northwest	3 credits
or	143	Introduction to Forestry	3 credits
or	144	Marine Biology	3 credits
BIOL	145	Reptiles and Amphibians of the Pacific Northwest	3 credits
BIOL	146	Survey of Biodiversity Elective	2 credits 5 credits

* Check with chosen 4-year school.

www.clark.edu

For more information, see the Clark College Catalog or contact the General Advising Office at (360) 992-2345
Clark College ■ 1800 E. McLoughlin Blvd. ■ Vancouver, WA 98663-3598 ■ (360) 992-2000