

What can I do with this major: Biology

Biology is the scientific study of life through the observation of structure, function, reproduction, growth, origin, evolution, and behavior of living organisms and their relation to each other and their environment. The Biology program emphasizes concepts of biology including the diversity of life generated by evolution, how structure and function relate, and how genetic information flows. The program satisfies general education requirements and also prepares students for transfer to bachelor's degree programs in several biological fields including molecular biology, botany, ecology, zoology, allied-health, and medicine.

Degrees and Certificates offered at AVC

- ❖ [Biology - AST](#) (transferable)
- ❖ [Biological Sciences - AS](#) (non-transferable)

Work Industries and Employers

- | | |
|---|--|
| ❖ Pharmaceutical and Medicine Manufacturing | ❖ Agricultural Experiment Stations |
| ❖ Environmental Private Research Institutions | ❖ Inspection Agencies and Control Boards |
| ❖ Public and Environmental Health | ❖ Laboratories |
| ❖ Zoos and Aquariums | ❖ Technical Consulting Services |
| ❖ Wildlife Preserves and Parks | ❖ Scientific Research and Development |
| ❖ Conservation Agencies | ❖ Food and Drug Administration |
| ❖ Botanical Gardens and Arboretums | |

Possible Job/Career Titles

Bachelor Degree:

- ❖ Agronomist
- ❖ Marine Engineer Technician
- ❖ Biometrician
- ❖ Biomedical Engineer
- ❖ Medical Technologist
- ❖ Biochemist
- ❖ Botanist
- ❖ Genetic Researcher
- ❖ Marine Ecologist
- ❖ Molecular Biologist
- ❖ Marine Biologist

- ❖ Wildlife Biologist
- ❖ Health Officer
- ❖ Animal Scientist
- ❖ Environmental Health Specialist
- ❖ Ecologist
- ❖ Microbiologist

Advanced Degree:

- ❖ Genetic Counselor
- ❖ Physician
- ❖ Veterinarian
- ❖ Dentist

The information reflected is intended to act as a tool for exploration. Please visit the [Career Center](#) for more specific information on majors and careers

Next Steps...

Connect with Professional Associations

Associations are a group of people who come together for a common purpose. You can find helpful information about jobs and careers.

- ❖ [American Medical School Association \(AMSA\)](#)
- ❖ [The American Institute of Biological Sciences](#)
- ❖ [American Society for Biochemistry and Molecular Biology \(ASBMB\)](#)
- ❖ [American Society for Microbiology \(ASM\)](#)
- ❖ [Biotechnology Industry Organization \(BIO\)](#)
- ❖ [National Science Foundation \(NSF\)](#)

Find CSU/UC Major Preparation (BA/BS)

- ❖ [CSU Northridge: Biology B.A.](#)
- ❖ [CSU Northridge: Biology B.S. \(Biotechnology/Medical Technology option\)](#)
- ❖ [CSU Los Angeles: Biology B.S.](#)
- ❖ [CSU Channel Islands: Biology B.A.](#)
- ❖ [CSU Fullerton: Biological Science B.S. Concentration in Cell and Developmental Biology](#)
- ❖ [UCLA: Biology B.S.](#)
- ❖ [UC Santa Barbara: Aquatic Biology B.S.](#)
- ❖ ... and more! - <https://www.transferbound.com/>

View Additional Information

- ❖ [Occupational Outlook Handbook](#)
- ❖ [Candid Career Videos](#)
- ❖ [Assist](#): Student Transfer Information System
- ❖ [ONET](#) OnLine: Job and Career Exploration
- ❖ [Linkedin Alumni Tool](#)

Develop your Skills and Experience

- ❖ [Jobs and Internships \(College Central Network\)](#)
- ❖ [Explore Health Careers](#)
- ❖ [AVC Biological Science Department](#)