

Bachelor of Science in Cell Biology and Molecular Biology

This degree provides a strong foundation in general biology, but focuses on the cellular and molecular processes that occur within cells. Many of the breakthroughs in the field of biology over the past several decades have shed light on how cells function in the context of the whole organism. The fields of genomics and computational biology have begun to solve the mystery of how networks of genes are regulated and how cells interact with each other and the how complex organisms react to their environment. Advances in cell and molecular biology continually lead to new treatments for age-related diseases such as cancer and Alzheimer's. This degree prepares students for application to medical school, dental school, graduate school and careers in biotechnology, science policy, biomedical research, teaching, science writing and illustration. Many of our students continue their studies by attending graduate school in biology and other related disciplines.

Entry-Level Positions

[Biological Technician](#)

[Conservation Scientists and Foresters](#)

[Ecologist](#)

[Pharmaceutical Sales](#)

Curriculum Information

[Cell Biology and Molecular Biology](#)

Positions with a Graduate Degree

[Biochemists and Biophysicists](#)

[Biologist](#)

[Geneticists](#)

[Microbiologists](#)

[Pathologists](#)

[Physiologist](#)

Professional Organizations and Related Resources

[American Institute of Biological Sciences](#)

[American Society of Cell Biology](#)

[American Society for Microbiology](#)

[Careers/Professions for the Biology Graduate](#)

[National Science Foundation](#)

[Society for Integrative and Comparative Biology](#)

Where else can I find information ?

[Occupational Outlook Handbook](#)

[O*Net Online](#)

[USF Career Services](#)