

College of Sciences Career Guide
Bachelor of Science in Biological Sciences
Concentration in Cell and Molecular Biology

About the Major and Concentration

Majoring in biological sciences with a concentration in cell and molecular biology provides students with intellectual tools essential in a broad array of life sciences careers. Specifically, this degree provides students with information vital to careers in biotechnology and biomedical sciences research as well as for transition to PhD programs in Biology and Cell and Molecular Biomedical Research.

Students concentrating in cell and molecular biology should also be able to explain the interrelationship between chemistry and biology, including how physical and chemical laws influence the structure and function of intracellular components and macromolecules.

Skills

Research
Problem Solving
Ability to Operate Scientific Equipment
Critical Thinking

Potential Career Opportunities

Agricultural and Food Scientist
Biomedical Scientist
Biotechnologist
Clinical Programmer
Lab Technician
Pharmacist
Pharmaceutical Researcher
Physician's Assistant
Quality Control Analyst
Regulatory Affairs Specialist

Common Career Areas for this Major

Research and Development
Healthcare
Biomedical Sciences

Organismal/Ecological Biology

Education

Biotechnology

Bioinformatics