

**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