



# BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCES

## CONCENTRATION IN CELL & MOLECULAR BIOLOGY



Majoring in biological sciences with a concentration in cell and molecular biology provides students with intellectual tools essential in a broad array of life science 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.

### ABOUT THE MAJOR/ CONCENTRATION

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
- Research Assistant
- Science Educator\*

\*Additional education/certification may be required

### COMMON CAREER AREAS FOR THIS MAJOR

Research & Development

Healthcare

Biomedical Sciences

Organismal/  
Ecological  
Biology

Education

Biotechnology

Bioinformatics



## ADD TO YOUR RESUME

### Do volunteer work

Did you know UNLV has programs, student groups, and academic service-learning opportunities for you to join?

View more information here: [unlv.edu/service](http://unlv.edu/service)

### Get part-time job or internship

A part-time, temporary, and summer job or internship can help you increase your confidence as you develop your skills and add experiences to your resume.

### Join a student organization

Students are encouraged to get involved with these groups early on!

- Alpha Epsilon Delta (AED)
- Association of Pre-Health Professionals (APHP)
- Life Science Student Association (LSSA)
- Alliance of Non-Traditional Students (ANTS)
- Ecology, Conservation, and Evolution Club
- Pre-Dental Society
- 1st Generation Club
- Undergraduate Council (UC)
- UNLV Scientista Foundation
- UNLVolunteers

Find more than 350 student organizations at: [involvementcenter.unlv.edu](http://involvementcenter.unlv.edu)



## MEDIAN SALARIES AND PROJECTED EMPLOYMENT

	2018 Local Median Salary (Las Vegas, NV)	2018 National Median Salary	Annual Projected Job Openings in US (2016-2026)
Biological Technicians	\$38,480	\$44,500	8,900
Biological Scientists (Other)	\$76,230	\$79,590	1,900
Forensic Science Technicians	\$69,460	\$58,230	2,200
Medical & Clinical Laboratory Technologists	\$63,370	\$52,330	12,900
Biological Science Professor	\$66,890	\$82,550	6,000

[www.careeronestop.org](http://www.careeronestop.org) (Website is sponsored by the US Dept. of Labor)



## EXTERNAL RESOURCES

### Job Search Websites

- [glassdoor.com](http://glassdoor.com)
- [indeed.com](http://indeed.com)
- [idealist.org](http://idealist.org) (non-profit jobs)
- [simplyhire.com](http://simplyhire.com)

### Career Information

- [bls.gov/oo](http://bls.gov/oo)
- [careeronestop.org](http://careeronestop.org)
- [explorehealthcareers.org](http://explorehealthcareers.org)
- [onetonline.org](http://onetonline.org)

### Salary Information

- [glassdoor.com/salaries](http://glassdoor.com/salaries)
- [payscale.com](http://payscale.com)

## UNLV COLLEGE OF SCIENCES

The College of Sciences Advising Center seeks to proactively mentor, support, and empower students to achieve their personal and professional goals.

702-895-2077 [sci.advising@unlv.edu](mailto:sci.advising@unlv.edu)

MPE-A, Rm. 130 [unlv.edu/sciences/advising](http://unlv.edu/sciences/advising)

## UNLV CAREER SERVICES

Career Services is your source for resume building, interview preparation, and a wide variety of job and internship opportunities to get you started on your path to career success.

702-895-3495 [careerservices@unlv.edu](mailto:careerservices@unlv.edu)

SSC-A, Rm. 201 [unlv.edu/careerservices](http://unlv.edu/careerservices)