



# BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCES

## CONCENTRATION IN INTEGRATIVE PHYSIOLOGY



### ABOUT THE MAJOR/ CONCENTRATION

Majoring in biological sciences with a concentration in integrative physiology provides students with intellectual and technical tools essential in a broad array of life science careers, including application to all the healthcare related professional schools or graduate school. This degree provides examination of how animals and/or plants work from a molecular/cellular level or organization to systems level of understanding and up to the integration of physiology with behavior and evolutionary processes.

Students concentrating in integrative physiology should also be able to explain how cells and organisms acquire and process nutrients, transform energy, and maintain homeostasis in a variable environment to survive and reproduce.



#### SKILLS



#### Research



#### Problem-Solving



#### Ability to Operate Scientific Equipment



#### Critical Thinking



### POTENTIAL CAREER OPPORTUNITIES

- Biomedical Scientist\*
- Biomedical or Biophysics Engineer\*
- Cardiopulmonary Technologist\*
- Optometrist\*
- Dentist\*
- Osteopath\*
- Epidemiologist\*
- Ergonomics Specialist\*
- Public Health Professional
- Pharmaceutical Sales\*
- Lab Technician\*
- Nutritionist\*
- Occupational Therapist\*
- 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
Biostatisticians	\$72,410	\$87,780	4,400
Medical & Clinical Laboratory Technologists	\$63,370	\$52,330	12,900
Biological Science Professors	\$66,890	\$82,550	6,000

*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/ooh](http://bls.gov/ooh)
- [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)