



BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCES

CONCENTRATION IN MICROBIOLOGY



ABOUT THE MAJOR/ CONCENTRATION

Majoring in biological sciences with a concentration in microbiology provides students with intellectual and technical skills required for success in the broad area of microbiology, which includes clinical, environmental, ecological, evolutionary, molecular, metabolic, and physiological perspectives of microbes, including aspects of virology and immunology.

Students concentrating in microbiology should also be able to explain the diversity and similarity of microbes, including their physiology, mechanisms of pathogenesis and host defenses, and unique ecology.



SKILLS



Research



Problem-Solving



Ability to Operate Scientific Equipment



Critical Thinking



POTENTIAL CAREER OPPORTUNITIES

- Agricultural and Food Scientist
- Bacteriologist
- Biomedical Scientist*
- Biotechnologist*
- Cell Biologist
- Clinical Microbiologist
- Environmental Scientist
- Lab Technician*
- Medical Device Specialist
- Mycologist
- Parasitologists
- Public Health Professional
- Quality Control Analyst
- Regulatory Affairs Specialist
- Research Microbiologist
- Science Educator*
- Virologist

*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

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



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
Microbiologists	\$95,420	\$71,650	2,200
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
- indeed.com
- idealist.org (non-profit jobs)
- simplyhire.com

Career Information

- bls.gov/ooh
- careeronestop.org
- explorehealthcareers.org
- onetonline.org

Salary Information

- glassdoor.com/salaries
- 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

MPE-A, Rm. 130

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

SSC-A, Rm. 201

unlv.edu/careerservices