



# BACHELOR OF SCIENCE IN EARTH & ENVIRONMENTAL SCIENCE



## ABOUT THE MAJOR

The Bachelor of Science in Earth and Environmental Science degree is a science-based program designed to prepare students for a range of challenging careers in the broad fields of environmental and geologic sciences, including science education. The degree program also provides a solid foundation for those looking to pursue advanced degrees in education, environmental studies, public policy, or law. Students in this degree track are accorded the flexibility to work with their advisors in selecting Geology, Geography, and other electives that will best prepare the student to meet their educational goals and the employment criteria for their chosen profession.

This degree offers students the opportunity to explore a wide range of sub-disciplines within the Earth Sciences, including: geology, hydrology, soil science, climate change, natural resource development, and sustainability. Additionally, students can choose to develop critical skills in field-based geologic techniques, remote sensing, and geographic information systems (GIS).



### SKILLS



### Research



### Problem-Solving



### Technical Writing



### Critical Thinking



## POTENTIAL CAREER OPPORTUNITIES

- Agricultural Scientist
- Ecologist
- Environmental Consultant
- Geological Technician
- Geoscientist\*
- Hydrogeologist\*
- Landscape Ecologist
- Mining Engineer
- Natural Resource Manager
- Research Assistant/Technician
- Science Educator\*
- Sedimentologist
- Seismologist
- Urban and Regional Planner\*
- Water Quality Scientist
- Wilderness Park Manager

\*Additional education/certification may be required

## COMMON CAREER AREAS FOR THIS MAJOR





## 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!

- Association of Environmental and Engineering Geologists
- Ecology, Conservation, and Evolution Club
- Nevada Water Environment Association
- Alliance of Non-Traditional Students (ANTS)
- University of Nevada Historical Society

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)
Conservation Scientists	\$83,950	\$61,310	22,300
Forest & Conservation Technicians	\$35,980	\$37,180	33,200
Environmental Scientists/Specialists	\$64,830	\$71,130	9,500
Occupational Health & Safety Specialists	\$73,900	\$73,020	5,000
Urban & Regional Planners	\$85,020	\$73,050	3,500

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