

## CAREERS FOR

# Biology

## MAJORS

Biology is the scientific study of living organisms – from single-celled organisms such as bacteria, to plants and animals, including humans - and their origin, structure, growth, reproduction, and behavior. UNM's Department of Biology offers both a Bachelor of Arts and a Bachelor of Science degree in Biology. Students may choose to focus in one of three concentrations: Biotechnology, Conservation Biology, and Ecology, Evolution, and Organismal Biology.

A bachelor's degree in Biology provides the foundation of knowledge needed for career paths in biological research (research assistant), health care (laboratory technician), environmental conservation and management (forester or wildlife biologist), and life science education (K-12 teacher). This degree also provides the prerequisites needed for professional and graduate programs in the health sciences, such as medicine, dentistry, optometry, and veterinary medicine, as well as for graduate studies in Biology.

Although many entry-level careers are available to those with a Bachelor's degree in Biology, an advanced degree is needed for careers such as Veterinarian and Physician Assistant.

**Graduate School**

Admittance into graduate schools typically require completed pre-requisites, passing of an entrance exam such as the GRE or MCAT, and a competitive GPA. Admission requirements vary based on the program.

- UNM Department of Biology
- UNM School of Medicine
- Colorado State University – Veterinary Medicine
- UNM Physician Assistant program

**Industries & Target Employers**

- Research: public health departments, state and federal government agencies, universities, pharmaceutical, healthcare, agriculture, environmental, and biotechnology laboratories
- Healthcare: medical laboratories, hospitals, clinics, rehabilitation centers, nursing homes
- Ecology & Environment: state and federal government agencies, zoos and aquariums, museums, fish hatcheries, environmental organizations
- Education: K-12 classroom teacher (state licensure required), nature centers, bioparks, state and federal government natural parks

### Top Companies

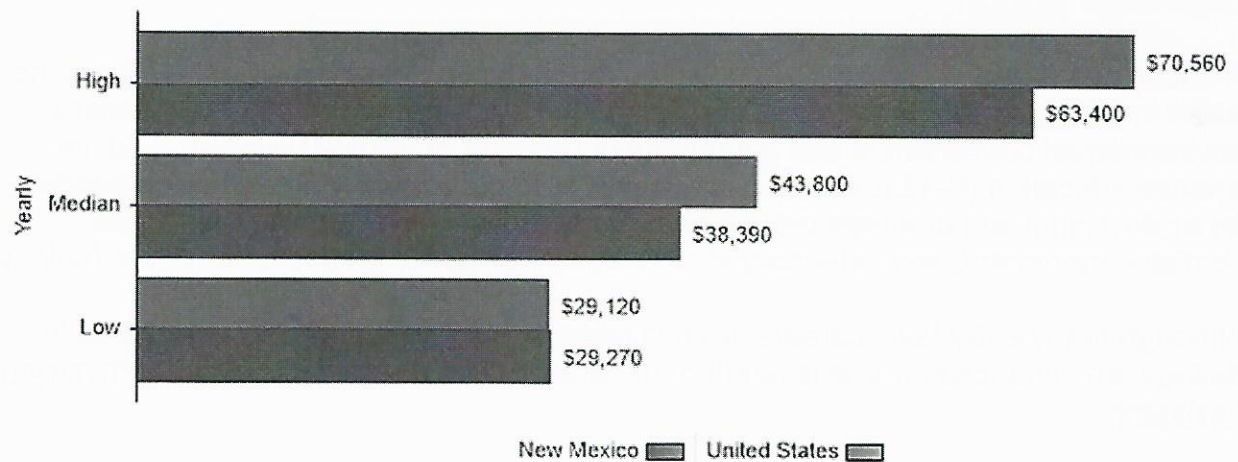
Tricare Reference Laboratories

NM Department of Health

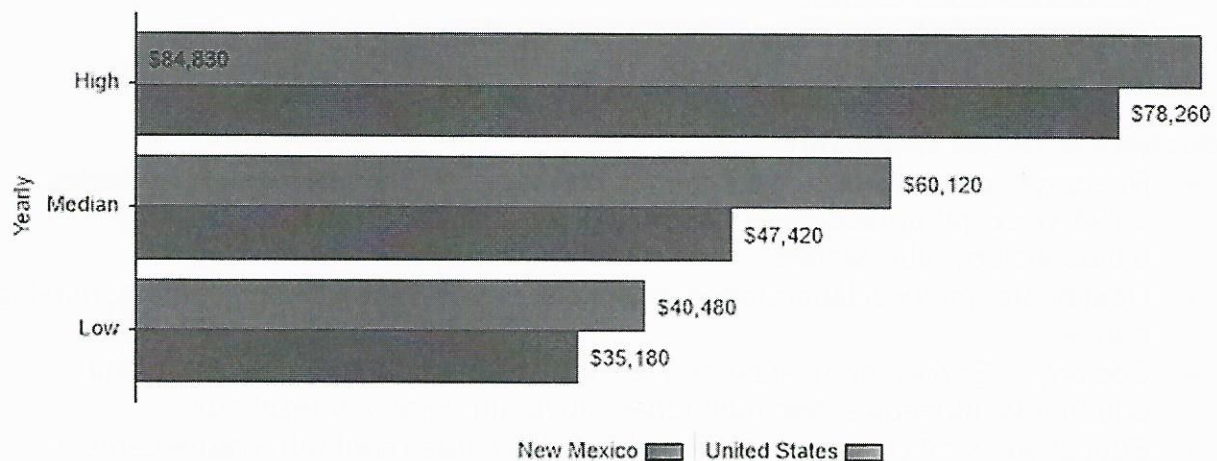
Albuquerque Public Schools

### Salary Information

#### Wages for Biological Technicians in NEW MEXICO



#### Wages for Foresters in NEW MEXICO





## Tips

- There are many branches of Biology. Some disciplines deal with specific types of organisms such as parasitology and primatology; some deal with organism/environment interaction, such as ecology; and some combine biology with another discipline such as bioengineering and biogeography.
- Interested in research? Participate in Biology research programs for undergraduates such as MARC or IMSD.
- Considering graduate school? Apply for the McNair Scholars Program, which provides research opportunities, support with applying to grad school, and a summer stipend!

## Learn More

Register for Handshake: Jobs for Lobos

O\*NET: Biological Technician

O\*NET: Forest and Conservation worker

O\*NET: High School Teacher

Occupational Outlook Handbook: Conservation Scientist

Occupational Outlook Handbook: Zoologists and Wildlife Biologists

Occupational Outlook Handbook: Medical Laboratory Technician

UNM Biology Undergraduate Society (BUGS)

Buzzfile Employers by Major: Biology

Science Careers

USDA Forest Service

American Society for Microbiology

Albuquerque Biopark

UNM STEM Collaborative Center

UNM Museum of Southwestern Biology

Natural Heritage New Mexico

UNM Sustainability Studies program

National Wildlife Federation

NM Department of Game & Fish

NM State Parks

## Questions?

Visit UNM Career Services!

Walk-in hours Monday – Friday, 11am – 1pm

Or call 277-2531 to schedule an appointment