



What can I do with a Major in...

Major: Biology

O*net Outlook Link to Career Titles

[Family and General Practitioners](#)

[Physician Assistants](#) InDemand

[Physicians and Surgeons, All Other](#) InDemand

[Chiropractors](#) InDemand

[Biological Technicians](#) InDemand

[Biological Science Teachers, Postsecondary](#)

[Zoologists and Wildlife Biologists](#) InDemand

[Biologists](#)

[Education Administrators, Postsecondary](#)

[Biological Scientists, All Other](#)

[Agricultural Sciences Teachers, Postsecondary](#)

[Forestry and Conservation Science Teachers, Postsecondary](#)

[Secondary School Teachers, Except Special and Vocational Education](#)

[Agricultural Technicians](#) InDemand

[Biomedical Engineers](#) InDemand

[Microbiologists](#) InDemand

[Biochemists](#) InDemand

[Biophysicists](#) InDemand

[Animal Scientists](#)

[Range Managers](#)

[Medical and Clinical Laboratory Technologists](#) InDemand

[Medical and Clinical Laboratory Technicians](#) InDemand

[Geologists](#) InDemand

[Dental Laboratory Technicians](#) InDemand

[Natural Sciences Managers](#)

[Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products](#) InDemand

[Environmental Science and Protection Technicians, Including Health](#) InDemand

[Forest and Conservation Technicians](#) InDemand

[Food Science Technicians](#) InDemand

Knowledge, Skills and Abilities Learned with this Degree:

Knowledge:

Biology
Mathematics
Law and Government
Chemistry
English Language
Computers & Electronics
Customer & Personal Service
Public Safety & Security

Skills:

Science
Time Management
Judgment and Decision Making
Critical Thinking
Analytical & quantitative abilities
Complex Problem Solving
Equipment Selection
Information Handling & Organization
Curiosity and Creativity

Abilities:

Oral Expression
Inductive Reasoning
Near Vision
Written Comprehension & Expression
Category Flexibility
Problem Sensitivity

Links:

Job Search Websites:

[The American Society of Forensic Sciences](#)
[Pre-Med Internship Opportunities](#)
[North Carolina biotechnology center](#)
[Careers with the Agricultural Research Service](#)
[Life Sciences World](#)
[4work Internships](#)
[MonsterTRAK](#)
[BioMedScientist jobs](#)
[BioSpace](#)
[Sciencejobs.com: the best jobs from the leaders in bioscience](#)
[Biology Jobs and other science jobs](#)
[Biology Job Search Links](#)
[Bio View](#)
[Science Careers and job hunting](#)
[Maritime Employment Opportunities](#)
[Internship Hotspots](#)
[Jobweb - search for internships](#)
[Biolinks.com job listings](#)
[Publish & Perish](#)
[CDC Jobs by Occupational Group](#)

[TIGR: The Institute for Genomic Research - Career Opportunities](#)

[Biology Jobs](#)

[Bio.com](#)

[Careers in Forensic Science](#)

[Medzilla](#)

[Careers in Genetic Counseling](#)

[careerMD](#)

[Careers in Biology](#)

[Biology Careers Page](#)

[Resource guide on careers in biotechnology](#)

[Biology & Environmental Related Careers](#)

[SciWeb - biotechnology career center](#)

[Science Careers dot Org](#)

[Adsumo](#)

Associations:

[American Aquarium and Zoo Association](#)

[The American Institute of Biological Sciences](#)

[European Molecular Biology Organization](#)

[Human Biology Association](#)

[International Biometric Society](#)

[The Company of Biologists Limited](#)

[US Geological Survey - Biological Resources](#)

[Society for Mathematical Biology](#)

[Association for Tropical Biology](#)

[Federation of American Societies for Experimental Biology](#)

[American Society for Biochemistry and Molecular Biology](#)

[Society for Industrial Microbiology](#)

[American Academy of Pediatrics](#)

[Texas Pediatric Surgical Associates](#)

[University Pediatrics Association](#)

[Texas Association of Pediatric Neurology](#)

Examples of Employers Recruiting UNT Biology Majors:

Advanced Placement Strategies, Inc.

Artist Boat

ASRC Aerospace Corp

Bio-Aquatic Testing Inc.

City of Carrollton

City of Garland

Environmental Research Technologies

Geo-Marine, Inc. (GMI)

Glen Helen Ecology Institute

Huther and Associates Inc.

Indiana University of Pennsylvania

Natural Polymer International Corp.

North Central Texas College

Oakland Unified School District

Sabine River Authority of Texas

San Antonio ISD

Sanford Rose Associates
Southern DataStream
Surgical Monitoring Associates
Texas Teaching Fellows
The Nature Conservancy
Unified School District

Majoring in Biology:

UNT has a nationally recognized biology program. As a biology major, you may study the structure and function of cells, organ systems and tissues in animals and humans; the structure and function of plants; aquatic toxicology; ecology; evolution; forensic biology; genetics and heredity; microscopic organisms such as bacteria; and parasites. You also may learn laboratory techniques that biologists use in their research.

You may want to concentrate on a certain area of biology through your electives. For example, if you plan to become a veterinarian, you will want to take animal physiology courses. Or you may choose courses in botany, ecology, genetics or microbiology to become a researcher in those areas.

As a biology major, you may combine college and medical school in a program offered by UNT and the UNT Health Science Center at Fort Worth. You will spend three years at UNT completing the core curriculum requirements for biology majors, then transfer to the health science center for four years of medical training. The basic science courses at the health science center complete requirements for UNT's bachelor of arts degree with a major in biology. After seven years (instead of the usual eight years needed to complete a bachelor's degree and medical school), you will be ready to serve in residency at a hospital or clinic. If you are considering this option, you should work with the biology and preprofessional advisers upon entering the university to prepare a rigorous course work plan.

If you are interested in teaching biology at the secondary school level, UNT's Science Teaching Program offers several preparation tracks that include certification to teach life science in Texas schools. This includes a certification track that combines your undergraduate degree with education and biology graduate course work leading to a master's degree.

Faculty members in UNT's biological sciences department are dedicated to high-quality teaching. Two were named Regents Professors for outstanding teaching and research. Regents Professors devote at least half of their teaching load to introductory-level courses. Another biological sciences professor received the UNT President's Council Teaching Award, and two others received the Shelton Excellence in Teaching Award. Biological sciences faculty also regularly receive "Top Prof" awards from Mortar Board, a senior honor society.

Biology majors can become members of Beta Beta Beta, an honor society for biology students. Premed and other preprofessional students can join Alpha Epsilon Delta, a preprofessional honorary society.

Career Potential:

Biology is the study of all living things and their environments. With a bachelor's degree in biology, you may be qualified to direct educational activities at a botanical garden or zoo, to develop or sell laboratory equipment, to be a laboratory technician, a product inspector for a food or pharmaceutical manufacturer, or to teach biology at a secondary school.

A major in biology also can prepare you to enter dental, medical or veterinary school or a training program to become a chiropractor, an optometrist, a pharmacist, a physical therapist, a podiatrist or other health care professional. UNT has a full-time preprofessional adviser for students planning a career in health care.

To be a professional researcher in biology and to teach at a university, you will need to earn a master's and possibly a doctoral degree. Researchers in biology work for various government agencies, clinics and hospitals; and national, nonprofit and private laboratories. UNT's biology alumni include the first female pediatric surgeon in the United States and many distinguished researchers and university professors.

UNT's [Career Center](#) can help you prepare to pursue your career. The center has information about jobs and employers. The staff can help you with resume and letter writing, job search strategies and interview preparation.