

DEPARTMENT OF BIOLOGY



"The research and science writing experience I gained have reaffirmed that I want to work on science questions that directly impact people and to help in communicating scientific discoveries to the public."

Conor Gearin, Class of 2015
Pursuing: **Biology and English**
Hometown: **St. Louis, MO**

PURSUING BIOLOGY

BS MAJOR OFFERED
Biology
Biology MINOR OFFERED

594 approximate number of students pursuing this major

23 full-time faculty members | **1** part-time faculty member

79% of faculty members have a terminal degree in the field

DEPARTMENTAL STUDENT ORGANIZATIONS
American Medical Student Association, ECO, Student Chapter of the National Science Teacher's Association, PLANTS, Pre-Vet Club, Wildlife Society, Sigma Xi, Tri-Beta Biological Honor Society, Pre-Medicine/Pre-SOMA (Student Osteopathic Medicine Association)

Beyond the Classroom

Cultivate your personal interests, develop leadership skills, and make life-long connections through a variety of co-curricular activities within an active Biology community.

- Join one of the many active **student organizations**, such as the Biology Honor Society or the American Medical Student Association, and interact with students with similar career aspirations. Check out other options at truman.edu/biology-major/student-organizations/.
- Work alongside a faculty mentor as a teaching assistant in a lab course or on undergraduate research projects.
- Join an existing **research** team or start your own project and present your results at Truman's campus-wide Student Research Conference or at a national or international scientific conference. Explore the opportunities at truman.edu/biology-major/research-opportunities/.
- Explore coral reef ecology in Belize or manage large mammals in Africa through one of our unique faculty-led **study abroad** options. Additionally, Truman grants you access to over 500 study abroad opportunities in more than 60 countries. Monetary assistance is available, including Truman State University Foundation Scholarships and cultural loans.
- **Travel** internationally with our faculty to study, attend conferences, and conduct research. Some destinations include Antarctica, Africa, Austria, Bahamas, Belize, Canada, England, Germany, Ireland, Israel, Japan, New Zealand, Spain, and Sweden.
- Whatever your interests, you will find your niche here at Truman.

Facilities

- Biology faculty members teach all lab sections. Labs have 24 or fewer students.
- 11 recently-renovated teaching laboratories in Magruder Hall, the University's science facility.
- Each full-time Biology faculty member has a student-faculty collaborative research lab in Magruder Hall used to mentor undergraduate students in conducting scholarly work.
- Magruder Hall also houses an animal facility, a large greenhouse, a seed storage facility, and three walk-in



"Biology faculty choose Truman because we value working directly with undergraduates, both in the classroom and in our research. Our faculty members bring a wide range of teaching and research expertise, from molecular and cell biology to field ecology."

Dr. Anton Weisstein
Professor of Biology

environmental chambers. Computer facilities are provided in each faculty's office and/or laboratory, computer lab, and in several other campus locations.

- The Biology Center is a student-centered area located near the Biology faculty offices and research labs. This comfortable space is used for studying, collaborating, and socializing.
- Truman has a research farm with fenced and irrigated plots about 3 miles from campus. An ecology plot located about 2.5 miles from campus provides a natural field site for instructional and research purposes.
- Truman's Pickler Memorial Library employs two full-time science reference librarians and has almost 100 biology journals.
- Students and faculty also have full privileges at A.T. Still University—Kirksville College of Osteopathic Medicine's library (2 miles from Magruder Hall), with nearly 1,000 holdings in biomedical science journals.

After the Degree

- Earn professional training, expertise, and critical-thinking skills allowing you to excel in a variety of fields. Whether you advance to a health professional or educational program, pursue a research-based Master of Science or Ph.D. program, or enter into the workforce in a science-related job, you will graduate with a portfolio of skills to excel amongst your peers.
- Around 35% of our graduates enter health professional schools (medical, dental, veterinary, optometry, physical therapy) and over the last decade, 70% of our graduates who applied to medical schools have been accepted.
- Around 35% enter graduate schools (including PhD, Master of Science, and Truman's Master of Arts in Education programs).
- Some of the prestigious graduate and/or professional schools recent graduates have attended include:
 - Creighton University
 - Loyola University
 - Mayo Graduate School
 - University of Missouri-Columbia
 - Washington University
- Around 30% of Truman graduates who earn a Biology degree enter the work force directly. You will find our graduates teaching at all levels, pursuing biology jobs with companies like Monsanto, and conducting biomedical research in places like the Stovers Institute for Medical Research, as well as a variety of other jobs across the U.S. The well-rounded education you will receive at Truman ensures you have the flexibility and the skills to go into about any field you choose.

Explore the 'Study of Life' Beyond the Classroom

Receive a firm foundation in the biological sciences. Gain the expertise, technical skills, and confidence to pursue a competitive future in the career of your choice. From molecules to cells to ecosystems, Truman's biology program has something for everyone.

See the 'study of life' brought to life with stimulating courses, engaging faculty, small class sizes, and extensive hands-on lab experiences. By combining a set of core classes with a mix of electives, you can personalize your degree to fit your individual interests and talents. Obtain both depth and breadth in your biology education, and develop the analytical skills and technical expertise for a lifetime of learning.

Be inspired by the diversity of living systems. Prepare for a life that matters.

BIOLOGY.TRUMAN.EDU