



COLLEGE OF
ARTS AND SCIENCES

Microbiology and Molecular Genetics



MAJORS

Microbiology/Cell & Molecular Biology, BS
Medical Laboratory Science, BS
Pre-Medical Professional, BS

“My favorite experience would probably be undergraduate research. I really learned a lot and it helped me prepare for graduate school, which is the next step for me.”

- Kristina Baker, Microbiology Major

Microbiology is the study of bacteria, viruses, fungi and protozoa and their many relationships to humans, animals and plants. Courses in the Department of Microbiology and Molecular Genetics are designed to provide comprehensive training in microbiology and molecular biology and the skills required to working with microorganisms that span the spectrum of microbial life.

PROGRAM HIGHLIGHTS

- Learn in newly renovated labs with state-of-the-art equipment
- Gain hands-on experience through undergraduate research opportunities
- Our microbiology students have a wide range of interests from medical school to law school, with dual majors ranging from biochemistry to foreign languages

CONTACT INFORMATION

Microbiology & Molecular Genetics
307 Life Sciences East
Stillwater, OK 74078
405-744-7180
microbiology.okstate.edu

to learn more, visit

cas.okstate.edu



Microbiology & Molecular Genetics



CAREER & INDUSTRY

- Physician
- Forensic Science
- Genetic Counseling
- Drug Manufacturing
- Biotechnology
- Food Science
- Medical Laboratory Science
- Assistant Professor
- Research

SALARY

up to

\$48,000*

Students majoring in Microbiology make on average between \$35,000 and \$48,000 annually.

*Figured based on figures from NACE

COURSES TO EXPECT

- Biofuels
- Immunology
- Molecular Biology
- Infectious Disease
- Environmental Microbiology

RESEARCH AND OPPORTUNITIES

- Research opportunities starting freshman year
- Student Chapter of the American Society for Microbiology
- OK-Louis Stokes Alliance for Minority Participation (LSAMP) Symposium Presentation

STUDENT INTERNSHIPS

Working with our Career Service advisors, you have numerous opportunities for internships in a non-profit organization, a government office, or a private/public for profit business. The placement may be paid or unpaid, and/or count for academic credit.

- Medical Laboratory Scientist, Saint Francis Hospital - Tulsa, OK
- Undergraduate Researcher, Texas A&M University

GET INVOLVED

Stay active on campus while making lifelong friends. Get involved with groups, such as:

- Microbiology Club
- Global Medical Brigades
- CAS Student Council
- CAS Ambassadors

SCHOLARSHIPS

Many scholarships are available for prospective freshmen, transfer students, current students and continuing students. For more scholarship information, please visit cas.okstate.edu/scholarships

Oklahoma State University
Office of Undergraduate Admissions

admissions.okstate.edu | 405-744-5358



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