Microbiology and Molecular Genetics

MAJORS

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

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 work 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.
• Microbiology students have a wide range of interests from medical school to law school, to grad school, with dual majors ranging from biochemistry to foreign languages

CONTACT CAS

Oklahoma State University
108 Life Sciences East, Stillwater, OK 74078
405-744-4968 (4YOU) | cas.okstate.edu
CONNECT. ACHIEVE. SUCCEED.
COLLEGE OF ARTS AND SCIENCES  
Microbiology and Molecular Genetics

POTENTIAL CAREERS
Physician  
Forensic Science  
Genetic Counseling  
Drug Manufacturing  
Food Science  
Medical Laboratory Science  
Assistant Professor  
Research  
Veterinarian  
Dentist

COURSES TO LOOK FOR
Brewing Microbiology  
Immunology  
Cell and Molecular Biology  
Infectious Disease  
Environmental Microbiology  
Pathogenic Microbiology  
Virology  
Microbial Physiology and Ecology  
Microbiomes in Home, Health, and Environment

RESEARCH AND OPPORTUNITIES
• Research opportunities starting freshman year  
• Student Chapter of the American Society for Microbiology  
• OK-Louis Stokes Alliance for Minority Participation (LSAMP)

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

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  
• Microbiology 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