



DEPARTMENT OF
MICROBIOLOGY
College of Arts and Sciences

You'll be instrumental in shaping the future with a degree in Microbiology/Cell & Molecular Biology

EXPLORE and Research in Biomedical Sciences
CHART a course in medicine, research, teaching & beyond
EXPERIMENT with Microbiology, Cell & Molecular Biology



	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR+
Your Courses	Develop as a scientist with MICR 1211 and biology, math, chemistry, and general education electives.	Understand microbes and cellular processes with MICR 2123, MICR 2132, MICR 3033 and progress in chemistry.	Learn advanced microbiology, technology, immunology with MICR 3223, MICR 4012, MICR 3253 and explore genetics, biochemistry.	Explore advanced cell and molecular biology, genetics with MICR 4233, MICR 4253, MICR 4112 and MICR electives.
Your Experience	Meet the faculty and explore research programs for the possibility of independent research opportunities.	Join a research program through an independent studies course (MICR 4990) and experience research activities with graduate students!	Present research at the OSU undergraduate research symposium, regional meeting or other opportunity!	Search for career opportunities or apply to professional or graduate schools.
Your Community	Meet your peers and faculty at departmental receptions and explore different areas of research in the department.	Join the Micro Club and get involved with other departmental activities.	Work with graduate students in research opportunities. Explore opportunities at career fairs.	Attend job fairs or visit with academic advisor and faculty about applying for professional (medical, dental, etc.) or graduate schools.
Your Career Readiness	Visit with your academic advisor and faculty about career options.	Consider career ambitions and begin applying for research scholarships (Niblack, Wentz, Beckman).	Continue applying for research scholarships and gaining research experiences.	Apply for jobs in related areas or apply for professional (medical, dental, etc.) or graduate schools.
Your Personalized Path	Consider a research certificate or a second major or minor in biochemistry, biology, chemistry, or psychology.			

YOU WILL LEARN

The exciting world of microbes and cellular processes and current areas of biomedical research. How to use scientific methods and current technology. How to collect, analyze, and interpret data. How to communicate research finding with presentations.

WHAT IS NEXT

Work in fields like: Microbiology, Cell Biology, Biotechnology, Medicine, Forensics, and Epidemiology.

Enter professional schools, such as: Graduate school, Medical School, Dental School, or others.

Learn more about building your custom path, visit:
microbiology.okstate.edu

