

BIOMEDICAL SCIENCES

biomed.med.miami.edu

Overview

The University of Miami's Miller School of Medicine is a research powerhouse, achieving international recognition for breakthroughs and advanced knowledge in diabetes, cancer, spinal cord injury, AIDS, immunology, and many other areas. Our centers of excellence are continually ranked among the nation's best, including Bascom Palmer Eye Institute, Sylvester Comprehensive Cancer Center, Center for AIDS Research, The Miami Project to Cure Paralysis, and the Diabetes Research Institute. And our new institutes such as Interdisciplinary Stem Cell Institute, Miami Institute for Human Genomics, and the Center for Computational Sciences will further enhance research. The research conducted here continues to enrich the quality of life for people worldwide. Our innovative research and discoveries are life-changing and transform patient care worldwide. The Medical School is also dedicated to training the next generation of researchers and medical leaders in a diverse, equitable, and inclusive environment. Our innovative research and discoveries are life-changing and transform patient care worldwide. The medical school is also dedicated to training the next generation of researchers and medical leaders in a diverse, equitable, and inclusive environment.

Master of Science in Biomedical Sciences

MiBS is a full-time program that packs a core curriculum in biochemistry, molecular biology, cell biology, and physiology, along with several optional courses in three customized tracks – Medicine, Research, or Drug Discovery. Our courses are taught by the same faculty that teach our medical and graduate students and will be tailored to meet your needs. In addition, students participate in physician and clinical shadowing or directed research to prepare them for a career in the biomedical sciences.

Programs in Biomedical Sciences

The University of Miami Miller's School of Medicine (UMMSM) provides students with a wide variety of research opportunities in the biological sciences across many disciplines and departments.

- Biochemistry & Molecular Biology (<https://med.miami.edu/graduate-studies/doctoral-programs/biochemistry-and-molecular-biology/>)
- Cancer Biology (<https://med.miami.edu/graduate-studies/doctoral-programs/cancer-biology/>)
- Cellular Physiology and Molecular Biophysics (<https://med.miami.edu/graduate-studies/doctoral-programs/cellular-physiology-and-molecular-biophysics/>)
- Human Genetics & Genomics (<https://med.miami.edu/graduate-studies/doctoral-programs/human-genetics-and-genomics/>)
- Microbiology & Immunology (<https://med.miami.edu/graduate-studies/doctoral-programs/microbiology-and-immunology/>)
- Molecular & Cellular Pharmacology (<https://med.miami.edu/graduate-studies/doctoral-programs/molecular-and-cellular-pharmacology/>)
- Molecular Cell & Developmental Biology (<https://med.miami.edu/graduate-studies/doctoral-programs/molecular-cell-and-developmental-biology/>)
- Neuroscience (<https://med.miami.edu/graduate-studies/doctoral-programs/neuroscience/>)

Contact Information

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Masters Program

M.S. in Biomedical Sciences (<http://bulletin.miami.edu/graduate-academic-programs/medicine/biomedical-sciences/ms/>)

Doctoral Program

Programs in Biomedical Sciences (<http://bulletin.miami.edu/graduate-academic-programs/medicine/biomedical-sciences/phd/>)