

# BIOMEDICAL SCIENCES

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<b>Graduate Program Head</b>	Lisa Shantz
<b>Program Code</b>	BMS
<b>Campus(es)</b>	Hershey (Ph.D., M.S.)
<b>Degrees Conferred</b>	Doctor of Philosophy (Ph.D.) Master of Science (M.S.) Dual-Title Ph.D. in Biomedical Sciences and Clinical and Translational Science Joint M.D./Ph.D. with the College of Medicine
<b>The Graduate Faculty</b>	View ( <a href="https://secure.gradsch.psu.edu/gpms/?searchType=fac&amp;prog=BMS">https://secure.gradsch.psu.edu/gpms/?searchType=fac&amp;prog=BMS</a> )

The Biomedical Sciences (BMS) Graduate Program with its Options in Biochemistry, Genetics, and Genomics, Cancer Biology, Cellular and Integrative Physiology, Translational Therapeutics, and Virology and Immunology provides students curricular training with a unique focus on human health and disease and the opportunity to concentrate in one or more disciplinary approaches including: biochemistry, biophysics, cell biology, genetics, immunology, pharmacology, physiology, structural biology, and virology. Students receive rigorous training that provides the skills necessary to be leaders in biomedical research and other endeavors that benefit from advanced scientific training, including industry, education, intellectual property development, technology licensing, journalism, entrepreneurship, and public policy.

The BMS Graduate Program is an interdepartmental program that engages faculty from numerous basic science and clinical departments. This broad-reaching program provides students a wide-ranging understanding of multiple disciplines with specific expertise in a chosen area, and encourages interdisciplinary research that is the hallmark of biomedical sciences in the 21<sup>st</sup> century.