JOIN OUR COMMUNITY OF SCHOLARSHIP AND RESEARCH
Join the Department of Biology at Villanova for research training and advanced coursework in a broad range of the biological sciences. The graduate programs in Biology will prepare you for a life of continuing inquiry and are built on the principle that science is an ongoing human endeavor that encompasses research, learning and teaching.

CHOOSE YOUR COURSE OF GRADUATE STUDY
You will find detailed requirements for our graduate programs at gradbio.villanova.edu. We encourage you to contact the graduate director at gradbio@villanova.edu if you have any questions about the programs or to determine the program that is right for you.

Master of Science in Biology
- Degree requires 30 credits, including a minimum of 20 in coursework and the remainder in thesis research
- Research available in all areas of biology
- Program culminates with an original written thesis that you will prepare under the direction of a faculty mentor and two additional committee members
- General GRE required; subject GREs recommended

Master of Arts in Biology
- Degree requires 33 credits, with no thesis requirement
- You may choose a concentration in Cell, Molecular and Developmental Biology (CMDB) or Ecology, Evolution and Organismal Biology (EEOB)
- Research available in all areas of biology
- Program culminates in a comprehensive written and oral examination
- General GRE required; subject GREs recommended

Certificate Programs
If you do not wish to pursue the full master's degree, but want to develop a particular skill set or explore further options for study, you may choose one of our graduate certificate programs. You may also choose to apply to the master's degree program after completing a certificate. You may complete the certificate programs on a full or part-time basis and coursework generally focuses on one of two areas, CMDB or EEOB. The Certificate of Graduate Study requires 16 credit hours, including at least three lab courses. The Certificate of Advanced Graduate Study requires 24 credit hours, including at least four lab courses.
EXPLORE OUR CURRICULUM

Recent course offerings include:
Biostatistics and Experimental Design, Ecosystem Ecology, Genomics, Imaging Technology, Cancer Biology, Biology of Aging, Reptile Evolution, Stem Cells, Immunology, Endocrinology, Pharmacology, Experimental Cell/Molecular Methods, Biodiversity and Systematics, Plant Ecophysiology, Molecular Evolutionary Genetics, Advanced Bacteriology, Neurophysiology, Directed Research and Thesis Research.

You will find a complete list of courses at gradbio.villanova.edu.

STUDY WITH OUR DISTINGUISHED FACULTY

ANIL BAMEZAI, PHD
All India Institute, ’87

AARON M. BAUER, PHD
University of California, Berkeley, ’86

SAMANTHA CHAPMAN, PHD
Northern Arizona University, ’05

ROBERT L. CURRY, PHD
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ANGELA J. DIBENEDETTO, PHD
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Indiana University Medical Center, ’75

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Cornell University, ’01

TODD JACKMAN, PHD
University of California, Berkeley, ’93

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Stanford University, ’99

ELAINE M. YOUNGMAN, PHD
Johns Hopkins School of Medicine, ’07

MATTHEW J. YOUNGMAN, PHD
Johns Hopkins School of Medicine, ’07

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