JOIN OUR COMMUNITY OF SCHOLARSHIP AND RESEARCH
Join the Department of Chemistry at Villanova University for research training and advanced coursework in a broad range of specialties. The graduate program in Chemistry can help you advance your career in the chemical industry or help you secure a teaching position in secondary schools. Other students complete the master's degree in Chemistry to facilitate entry into a doctoral program, or matriculate into veterinary, dental or medical school.

MASTER OF SCIENCE IN CHEMISTRY: CHOOSE FROM THESIS OR NON-THESIS TRACK
The master's degree program at Villanova offers both a thesis and a non-thesis track for students based on their individual goals. Students in the full-time program pursue a degree with the thesis option and work under the direction of a faculty mentor. Part-time students may pursue the non-thesis option.
- The thesis track option requires successful completion of 30 credits, including three core courses, three electives, three research courses and a thesis preparation course.
- The non-thesis option requires four core courses, six elective courses, and a public seminar describing workplace chemistry-based research or responsibilities.
- Students in both tracks may take special topic courses.

STATE-OF-THE-ART FACILITIES
The Department of Chemistry is located in the Mendel Science Center, where research is conducted in state-of-the-art laboratories stocked with all required safety features and equipment. The Department of Chemistry is equipped with a full complement of modern analytical instrumentation, including an NMR spectrometer with liquids and solids capabilities, X-ray diffractometer with single crystal and powder capabilities, LC/MS systems, GC/MS systems and multiple GC, LC, FTIR, UV-Vis and fluorescence spectrometers.

EXPLORE OUR CURRICULUM
We offer a broad range of courses for you to explore. Courses include topics in organic chemistry, inorganic chemistry, physical chemistry, environmental chemistry, analytical chemistry, biochemistry, solid state and materials chemistry, polymer chemistry, crystallography, metabolism, computational chemistry, chemistry in industry, and a variety of special topics and research courses. You will find a complete list of courses and course descriptions at gradchem.villanova.edu.
STUDY WITH OUR DISTINGUISHED FACULTY

TEMER S. AHMADI, PHD
Associate Professor
University of California, Los Angeles

JOSEPH W. BAUSCH, PHD
Assistant Professor
University of Southern California

EDUARD G. CASILLAS, PHD
Associate Professor
Johns Hopkins University

AIMEE EGGLER, PHD
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University of Wisconsin, Madison

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University of Maryland

ROBERT M. GIULIANO, PHD
Professor
University of Virginia

AMANDA M. GRANNAS, PHD
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Purdue University

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Northwestern University

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