Reasons to Choose Our Programs...

- Western Michigan University's Chemistry (M.S., Ph.D) programs provide students with excellent opportunities to work on fundamental as well as applied research projects that cover the areas of analytical, biological, inorganic, organic and physical chemistry.

- Our programs are unique by emphasizing research in the field of environmental chemistry, allowing collaborations with national and international environmental groups and agencies.

- Research-grant funding for the department has averaged more than $2 million per year over the last eight years. The range of funding sources has broadened beyond traditional governmental agencies to include community and Wilson's Disease foundations, among others. Research output—as indicated by peer-reviewed publications—has exceeded 50 per year, including contributions in the Proceedings of the National Academy of Sciences and Nature-Chemistry. Major contributions to this work have been made by our graduate students.

- Our Nanotechnology Research and Computation Center positions WMU as a key player, nationally and internationally, driving scientific breakthroughs in fields such as the environment, healthcare, manufacturing and the military.

- Department research efforts enrich the curriculum through existing courses and independent study opportunities. Our faculty are involved in cutting-edge research focused on alternative energy, climate change, biochemical sciences, and medicinal chemistry.

- Graduate students are trained in proposal writing, professional seminar presentations, and in chemical and ethical practices.
Chemistry (M.S., Ph.D.)

Teaching, Research, and Program Focus Areas
Faculty research interests include atmospheric chemistry, chemical education, computational chemistry, environmental chemistry, mass spectrometry, medicinal chemistry, nanoscale science, protein chemistry, structural biology, supramolecular chemistry, and synthetic organic and inorganic chemistry.

Our graduate students are trained in both fundamental and applied research that prepares them for careers in industry, academia, or government. The course and research offerings are structured to give a broad but thorough grounding in the elements of chemistry.

Admissions
Applications must be received no later than February 15 for the Fall semester and July 15 for the Spring semester. The GRE is required for both the M.S. and the Ph.D. programs. Applicants are required to have completed courses in general, organic, physical and analytical chemistry.

For additional application information and materials visit program website: www.wmich.edu/chemistry

Associateships
Graduate assistantships are offered to students on a competitive basis. Students on an assistantship may be assigned a teaching or a research assistantship. Students may be accepted to the M.S. and Ph.D. programs without an assistantship.

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Western Michigan University
One of the top-100 public universities in the United States, Western Michigan University offers many nationally known graduate programs, including 29 doctoral and 64 master’s degrees. More than 20 percent of its 25,000 students are enrolled in graduate course work.

Kalamazoo
With a population of more than 325,000, Kalamazoo is the sixth largest metropolitan area in Michigan and among the 150 largest in the country. Kalamazoo is rated one of the 25 best cities in the country for young college graduates, and is located midway between Chicago and Detroit.