

M.S. IN CHEMISTRY

Interdisciplinary research supported by enhanced chemistry curricula

- ◆ Interdisciplinary research
- ◆ Challenging core and elective courses
- ◆ Support and tuition remission for qualified students
- ◆ Opportunities for all natural science majors who meet the prerequisites
- ◆ Preparation for medical/professional school

Program Outlook

The goals of the Program are to:

- Provide a challenging educational opportunity and interdisciplinary research experience that will prepare students for careers in research, industry, or for entrance into doctoral degree programs and professional schools.
- Engage students in a variety of laboratory, classroom and co-curricular activities so they can gain the skills necessary to succeed in academic and professional environments.
- Develop skills within the students that will facilitate lifelong learning.
- Teach students to assume leadership roles in professional activities and organizations that advance the chemical sciences.

Q: What are program pre-requisites?

- Complete a full 120-credit undergraduate degree in any of the natural sciences
- Complete 1 year of general chemistry, 1 year of organic chemistry, and 1 year of biochemistry
- Complete 1 semester of physical chemistry and 1 semester of analytical chemistry

Note that additional undergraduate courses may be assigned for completion during the first year of the masters in chemistry program.

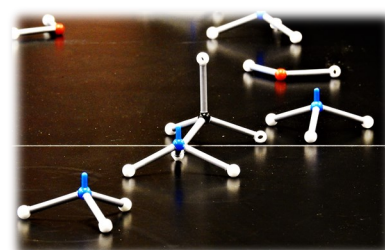
Q: How do I apply?

Learn more about the UMES School of Graduate Studies and submit an online application at:

[School of Graduate Studies | University of Maryland Eastern Shore \(umes.edu\)](http://School of Graduate Studies | University of Maryland Eastern Shore (umes.edu))

Q: What are the deadlines?

Fall Semester - April 15
Spring Semester - October 30



Faculty

Dr. Jennifer Bobenko—Biochemistry of Disease

Dr. Patrice Jackson-Autunde—Medicinal Synthetic Chemistry

Dr. Deborah Sauder—Theoretical Chemistry

Dr. Victoria Volkis—Phytochemistry, Material Science
Program Director/Contact: vvolkis@umes.edu

Dr. Yan Waguespack—Environmental Physical and Analytical Chemistry

Dr. William Weaver—Analytical Chemistry and Modeling

Dr. Simon Zebelo—Chemistry of Pest-Plant Communication

