



# CHEMISTRY

## BGSU COLLEGE OF ARTS AND SCIENCES

The Chemistry Department at BGSU offers a broad-based, rigorous education that provides students with intellectual, experimental, and communication skills to become effective scientific professionals. Chemistry majors study matter at the molecular level and apply molecular principles to design and synthesize new materials, as well as to characterize and quantify their macroscopic properties. The chemistry curriculum includes courses in the major sub-disciplines: analytical, organic, inorganic, physical, and biochemistry. Students in the major gain experience in these areas and learn to critically apply their training to solve problems in new situations.

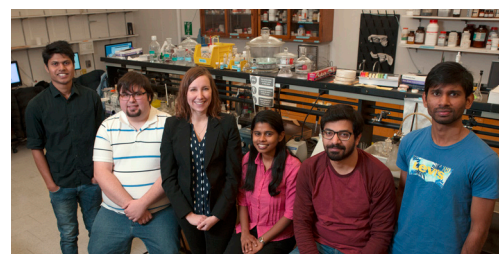
### College of Arts and Sciences – Chemistry

#### Points of Pride

- Students have abundant opportunities to contribute to research projects and work with state-of-the-art laboratory equipment and instrumentation.
- The chemistry degree is eligible for certification by the American Chemical Society with appropriate selection of chemistry elective courses.
- Students may choose a specialization in biochemistry, the interface of biology and chemistry. Two different tracks within the specialization are optimized for students in a pre-health professional program or for those preparing for a graduate program in biochemistry or chemistry.
- BGSU offers a forensic chemistry specialization. This program provides an enhanced background in analytical chemistry with a particular emphasis on analytical procedures and methods most relevant to criminal investigations.

### A Public University for the Public Good

The Department of Chemistry serves the public good by developing critical thinkers and inquisitive scientists who become leaders in science and technology related industries. These leaders go on to conduct research and apply their scientific training to resolve problems of local, national and global societal need.



**Students may want to consider a minor or second major in the following areas:**

- Biology
- Mathematics
- Physics
- Science

### What can I do with this major?

Chemistry graduates pursue careers in the following areas:

- Agriculture
- Biochemistry
- Chemistry
- Clean Energy
- Criminal Investigation
- Dentistry
- Disease Prevention
- Education
- Environmental Research
- Forensics
- Health Care
- Medical Research
- Pharmaceutical Industry
- Product Research and Development
- Public Safety
- Veterinary Science

### For more information

**Chemistry**  
**419-372-2031**  
**[bgsu.edu/chemistry](http://bgsu.edu/chemistry)**