



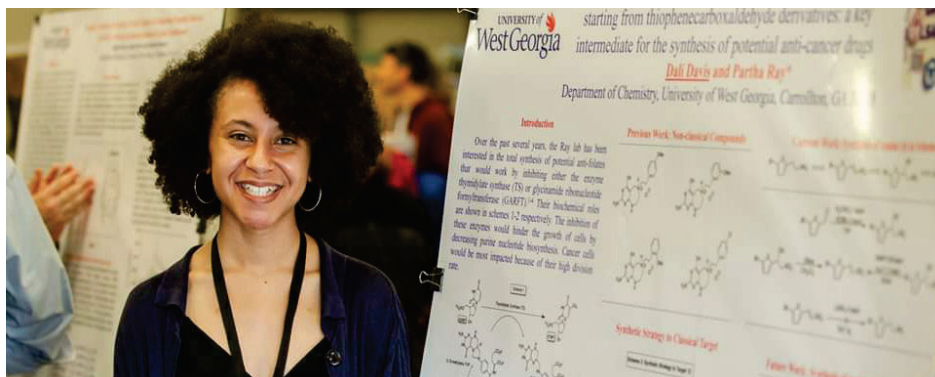
CHEMISTRY



Chemists study materials at the atomic and molecular levels. They conduct exciting chemical reactions to develop new and improved products and test their quality using specialized chemical instrumentation. Some chemists perform forensic analysis and others biomedical research.

WHERE CAN YOU FIND OUR GRADUATES

- **GRADUATE SCHOOLS**
 - Princeton, University of Arizona, Emory, University of Colorado-Boulder, Yale, Michigan State, Vanderbilt, Cornell
- **MEDICAL SCHOOLS**
 - Emory, Mercer, Medical College of Georgia, University of South Carolina, Duke
- **PHARMACY SCHOOLS**
 - Mercer, UGA, PCOM, Auburn, Samford
- **INDUSTRY**
 - Southwire, Coca Cola, Georgia Power, Georgia Pacific, Pfizer
- **GOVERNMENT AND EDUCATION**
 - Center for Disease Control, GA Bureau of Investigation
 - High schools and middle schools





OUR PROGRAMS

- **BACHELOR OF SCIENCE – AMERICAN CHEMICAL SOCIETY (ACS) CERTIFIED TRACK**
 - Suitable for placement in chemical industry, forensics, and graduate school
 - Integrates undergraduate research with coursework and labs for a strong foundation in Chemistry.
- **BACHELOR OF SCIENCE - NON-ACS TRACKS**
 - Business – chemical and pharmaceutical sales
 - General Education – environmental regulation, health and safety
 - Professional Preparation – medical/pharmacy/dental programs
 - Secondary Education - high/middle school science teacher

WHY CHEMISTRY AT UWG?

- Core chemistry coursework includes Analytical, Biochemistry, Inorganic, Organic, and Physical Chemistry plus electives on advanced organic, materials, medicinal, and spectroscopy.
- Hands-on training in laboratories use modern instrumentation including UV-Vis-NIR spectroscopy, NMR spectroscopy, Raman spectroscopy, HPLC, GC-MS, electrochemistry.
- Undergraduate research encouraged for course credit and paid assistantships with opportunities to present research at professional conferences.
- Student-centered active learning teaching/learning methods (Peer-led team learning, supplemental instruction) used to ensure student success.
- Employment through peer/supplemental leaders program and teaching/ research assistantships.
- Leadership and mentoring through student clubs including the American Chemical Society Club and the Emerging Healthcare Leaders.
- Several merit and need-based awards, honors and scholarships.