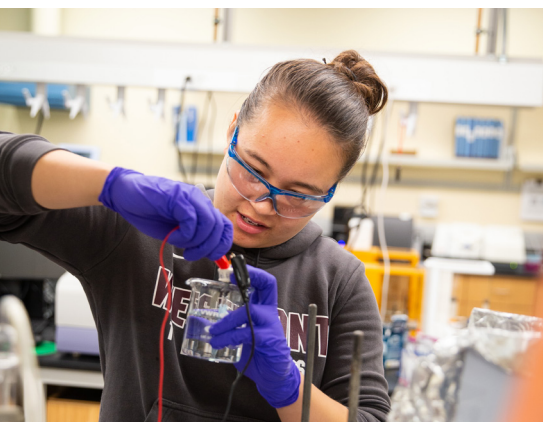


Chemistry



Immerse yourself in the lab and study with Christian professors.

In this American Chemical Society approved program, you work closely with professors who care deeply about you and your future. Demanding courses and a range of tracks help students think like a scientist and discover what it means to work in a lab. Chemistry majors undertake research with personal guidance from professors, and many spend 10 weeks in an intensive summer research program. Cutting-edge labs and state-of-the-art instrumentation set Westmont's program apart and give graduates an advantage in finding jobs or getting into graduate school. You receive a first-rate education in chemistry in small classes from Christian professors who integrate faith and learning and prepare you for meaningful work.

SELECTED COURSES

- Science and Religion Seminar
- Organic Chemistry
- Advanced Inorganic Chemistry
- Analytical Chemistry
- Thermodynamics
- Biochemistry
- Advanced Biochemistry
- Computational Chemistry Seminar

CAREER PATHS

- Industrial or clinical chemist
- Chemical engineer
- College professor/high school teacher
- Dentist
- Marine scientist
- Pharmacologist
- Physician
- Nuclear medicine technician
- Quality Control Technologist
- Laboratory Technician



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FACULTY HIGHLIGHTS



KRISTI CANTRELL, PH.D.

Helps biochemists understand neurodegenerative diseases and students make wise choices about medical school; expert in protein aggregation



STEVE CONTAKES, PH.D.

Seeks a cleaner world through new molecules with his specialty in inorganic biochemistry; thinks with you about integrating science and faith



AMANDA SILBERSTEIN, PH.D.

Develops new methods for hooking molecules together and explores the wonders of organic chemistry with you



BRANDON HAINES, PH.D.

Simulates organic reactions in a computer to better understand the details of bond making and breaking



ALLAN NISHIMURA, PH.D.

Mentor to a generation of undergraduate chemistry researchers; he probes the motions of molecules in thin films



STEPHANIE COWELL, M.S.

Expert at orienting new students to experimental chemistry and keeping you safe in the lab



MICHAEL EVEREST, PH.D.

Physical chemist who uses powerful lasers to study surfaces and powerful teaching techniques to help you learn chemistry

OPPORTUNITIES ABROAD



- Westmont's Global Health Uganda
- Westmont in Asia
- Organization for Tropical Studies: Tropical Diseases, Environmental Change and Human Health, Costa Rica
- Creation Care Studies Program, Belize or New Zealand
- Organization for Tropical Studies, South Africa
- Scholarship & Christianity In Oxford

ALUMNI

Elizabeth Simoneit '15 enrolled at the University of South Florida College of Medicine after spending a year teaching English in Querétaro, Mexico. She graduated from Westmont with degrees in chemistry and Spanish and won the Kenneth Monroe Award

for academic achievement, campus leadership and impact on fellow students. She pursued two majors so she could communicate with Spanish-speaking patients in their own language and volunteer in communities where doctors aren't easily accessible.



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westmont.edu/chemistry