THE PROGRAM

e chemistry department provides a learning environment for students to engage in the study

THE COURSES

Classes at VWU are small and interactive. Required courses in the major include: Introductory Chemistry, Inorganic Chemistry, Analytical Chemistry, Organic Chemistry, Biochemistry, Physical Chemistry, Instrumental Methods, Principles of Biology, Cell Biology & Genetics, Calculus II, and Physics. Electives include: Environmental Chemistry, Forensic Science Methods, Advanced Biochemistry, Biogeochemistry, Advanced Chemistry Topics, and Research in the Natural Sciences.

INTERNSHIPS/UNDERGRADUATE RESEARCH

Students majoring in chemistry are o ered the opportunity to conduct original scienti c research in an area of interest. ey work closely with one or more members of the natural science faculty to develop and conduct a research project, then present their ndings orally during the semester's undergraduate research symposium and as a formal research paper. Students are encouraged to present their ndings at a conference. Students will coordinate internship placement with their supervising faculty member in their junior or senior year. Internships are an intensive study of a speci c eld of science through an on-site eld experience with hands-on learning opportunities that are relevant to the chosen site.

BEYOND THE CLASSROOM

Successful completion of the program will enable motivated students to pursue successful careers as physicians, nurses, veterinarians, chemists, environmental researchers, policymakers, public health professionals, scienti c journalists, and educators. Careers may require additional study in a graduate school or professional school program.