Departments of Chemistry

Programs of Study

There are no programs leading to a graduate degree in chemistry.

Policies

All graduate students are held to the academic policies and procedures outlined in the graduate catalog. Students are encouraged to review departmental handbooks for program tips, suggested course sequences, and explanations of procedures. When applicable, additional policies for specific department programs may be listed below.

Faculty

Professors

Felix E. Goodson (fgoodson@wcupa.edu) (1998)
A.B., Princeton University; Ph.D., University of California, Berkeley
Kurt W. Kolasinski (kkolasinskim@wcupa.edu) (2006)
B.S., University of Pittsburgh; Ph.D., Stanford University
Michael J. Moran (mmoran@wcupa.edu) (1981)
B.S., St. Joseph’s College; Ph.D., Stanford University
Timothy K. Starn (tstarn@wcupa.edu) (1996)
Assistant Chairperson, Chemistry
B.S., Ph.D., Indiana University
John R. Townsend (jtownsend@wcupa.edu) (1998)
B.A., University of Delaware; M.S., Ph.D., Cornell University

Associate Professors

Mahrukh Azam (mazam@wcupa.edu) (2004)
B.S., Punjab University; M.S., Quaid-e-Azam University; M.S., Ph.D., Seton Hall University
Roger Barth (rbarth@wcupa.edu) (1985)
B.A., La Salle University; M.A., Ph.D., Johns Hopkins University
Melissa Betz Cichowicz (mcichowicz@wcupa.edu) (1986)
Chairperson, Chemistry
B.S., St. Joseph’s College; Ph.D., University of Maryland
Blaise F. Frost (bfrost@wcupa.edu) (1989)
B.A., Yankton College; M.S., Ph.D., University of South Dakota
Monica Joshi (mjoshi@wcupa.edu) (2010)
B.Sc., St. Francis Degree College for Women (India); M.Sc., Osmania University (India); Ph.D., Florida International University
James R. Pruitt (jpruitt@wcupa.edu) (2011)
B.S., Ph.D., University of California
Thomas R. Simpson (tsimpson2@wcupa.edu) (2016)
B.S., Alleghany College; M.S., Ph.D., University of Rochester

Assistant Professors

David Dehm (ddehm@wcupa.edu) (2015)
B.S., M.S., SUNY Oswego; Ph.D., University of Cincinnati
Jingqiu Hu (jhu@wcupa.edu) (2014)
B.S., M.S., Nanjing University; Ph.D., Boston University

Constantinos Pistos (cpistos@wcupa.edu) (2015)
B.Sc. Aristotle University of Thessaloniki, Thessaloniki, Greece; M.Sc., Ph.D. National and Kapodistrian University of Athens, Athens, Greece
Mark Shuman (mshuman@wcupa.edu) (2015)
B.S., Georgetown University; Ph.D., University of Pennsylvania

Courses

CHE

CHE 535. Pharmaceutical Chemistry. 3 Credits.
Through the use of case studies, the student will learn the role of the chemist in drug discovery and development. Specifically, target initiation, competitive surveillance, lead discovery and optimization, counterscreens for selectivity, pharmacokinetics, selection criteria for entering development and synthetic optimization will be elucidated.
Typically offered in Spring.
Cross listed courses CHE 535, PPD 535.

CHE 544. Topics In Physical Chemistry. 3 Credits.
Contact department for more information about this course.
Repeatable for Credit.

CRL

CRL 536. Polymer Chemistry Lab. 2 Credits.
A course designed to introduce the advanced student to the synthesis of polymers and the study of the molecular, physical, and thermal properties of these compounds.
Pre / Co requisites: CRL 536 requires prerequisites of CHE 232 and CRL 232 and co-requisite of CHE 536.