DEPARTMENT OF CHEMISTRY

College of the Sciences and Mathematics
Room 119 Schmucker Science Center II
West Chester University
West Chester, PA 19383
610-436-2631
Department of Chemistry (http://www.wcupa.edu/chemistry/)
Dr. Azam (mazam@wcupa.edu), Chairperson
Dr. Cichowicz (mcichowicz@wcupa.edu), Assistant Chairperson

There are no programs leading to a graduate degree in chemistry. The department offers, on a limited basis, graduate courses in this area.

Policies
All graduate students are held to the academic policies and procedures (http://catalog.wcupa.edu/graduate/academic-policies-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
Mahrukh Azam (mazam@wcupa.edu) (2004)
Chairperson, Chemistry
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

Felix E. Goodson (fgoodson@wcupa.edu) (1998)
A.B., Princeton University; Ph.D., University of California, Berkeley

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

Kurt W. Kolasinski (kkolasinsk@wcupa.edu) (2006)
B.S., University of Pittsburgh; Ph.D., Stanford University

Timothy K. Starn (tsstarn@wcupa.edu) (1996)
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
Melissa B. Cichowicz (mcichowicz@wcupa.edu) (1986)
Assistant 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

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

James R. Pruitt (jruitt@wcupa.edu) (2011)
B.S., Ph.D., University of California

Thomas R. Simpson (tsimpson2@wcupa.edu) (2016)
Director, Pharmaceutical Product Development
B.S., Allegheny 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

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.

2020-2021 CATALOG