PHARMACEUTICAL PRODUCT DEVELOPMENT

College of the Sciences and Mathematics

117A Schmucker Science Center South
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Pharmaceutical Product Development (http://www.wcupa.edu/pharm)
Dr. Zimniski, (szimniski@wcupa.edu) Director

Pharmaceutical Product Development offers, on a limited basis, graduate courses in this area to graduate students from other programs of study.

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

John Gault (jgault@wcupa.edu) (1991)
B.S., U.S. Naval Academy; M.B.A., University of Pennsylvania; Ph.D., Drexel University

Gustave N. Mbuy (gmbuy@wcupa.edu) (1985)
B.A., University of California; M.M., Ph.D., University of Cincinnati

Randall H. Rieger (rieger@wcupa.edu) (2000)
B.A., Bowdoin College; M.S., Ph.D., University of North Carolina

Associate Professors

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

Joan Woolfrey (jwoolfrey@wcupa.edu) (2000)
Graduate Coordinator, Philosophy
B.S., North Dakota State University; M.A., The New School for Social Research; Ph.D., University of Oregon

Stephen J. Zimniski (szimniski@wcupa.edu) (2006)
Director, Pre-Medical Program
Director
B.S., University of Maine- Orono; M.A., University of Missouri; Ph.D., Boston University

Courses

PPD

PPD 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.
Cross listed courses CHE 535, PPD 535.

PPD 581. Drug Design I. 3 Credits.
This introductory graduate level course provides an overview of the pharmaceutical industry and the drug development process, including lectures of each phase of the process and the organization of a typical pharmaceutical company. In addition to weekly reading assignments students will be expected to analyze specific case studies on a weekly basis. Typically offered in Spring.