



MASTERS OF SCIENCE IN PHARMACEUTICAL CHEMISTRY

The University of Florida, College of Pharmacy announces **a new distance education program in Pharmaceutical Chemistry to meet the needs of today's professionals.** Join a growing number of scientists who are receiving their graduate science degrees from UF's prestigious online programs. The faculty involved in these programs have international reputations in Pharmaceutical Sciences.

Each course is conducted online and is made up of specific topic modules. Most modules contain course notes supplemented with images, animations, and case studies. Students have 24/7 access to course modules, which are released over the duration of the UF semester, enabling them to **work at their own pace, on their own schedule.**

Assessment is continuous throughout the semester. Grades are based on the successful completion of a written assignment at the end of each module. Some courses also include timed multiple choice quizzes and self tests. **Students interact with teaching assistants, course instructors, and each other,** using private course e-mail, discussion boards, and live chat sessions.

Students can register for one or more courses each semester. All courses are conducted fully online. **However, all students for a terminal MS degree must attend the UF campus for three days in their final semester** to take a written comprehensive qualifying exam.

BENEFITS OF DISTANCE EDUCATION AT THE UNIVERSITY OF FLORIDA

World class online degree from the highly renowned University of Florida

- Convenient way for students and professionals to continue education and enhance career options
- International insights into pharmacology from professors and fellow students
- Network worldwide to build your career

Pharmaceutical career in an expanding industry

- Work in an innovative field, discovering new cures and remedies
- Flexibility in course management
- Highly engaging and responsive professors and staff
- Completely online, except for the comprehensive final
- Visit Florida for your final tests

STUDENT TESTIMONIALS FROM THE PRESTIGIOUS ONLINE, DISTANCE EDUCATION PROGRAM IN FORENSIC SCIENCES, TAUGHT AT UF

- **Leslie Hughes,**
former research
asst., Tropicana
Research and
Education Center
Homestead, FL

"This program is designed for those who are able to get the hands-on lab experience in their workplace and get the book knowledge online. The computer set-up was easy and the help and support from professors is abundantly available. It also helps to know that my classes will be recognized anywhere as they carry the seal from a prestigious university."

- **Seth Craig,**
Virginia Division
of Forensic
Science/
Breath Alcohol
Richmond, VA

"I had more interactions with my online professors than I did in an actual classroom setting. The UF professors and TA's were always available and quick to respond to questions, and gave good feedback on assignments. When I came down to Florida for my comprehensive exams, I felt like I knew my classmates and professors."

For more information or to contact us via email:
[HTTP://PHARMCHEM.COP.UFL.EDU](http://PHARMCHEM.COP.UFL.EDU)

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Distant Education Programs
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MASTERS OF SCIENCE IN PHARMACEUTICAL CHEMISTRY

Master a challenging field of science
Prepare for or enhance a career in pharmaceutical innovation and regulation
Contribute to life saving remedies, and enhance the speed of delivery of new medications
Translate your personal experiences to benefit others

Provided by the College of Pharmacy, this concentration offers students a strong foundation in: **analytical techniques, drug pharmacology, metabolism, drug chemistry and organic synthesis.**

This program is ideal for those currently working or seeking employment in the following areas: **the pharmaceutical industry, drug regulatory agencies, analytical laboratories, and Chemistry majors pursuing graduate courses in pharmaceutical sciences** and subsequent employment in the pharmaceutical industry. This program provides coursework tailored to meet each student's needs.

A STRONG TEAM TO MEET YOUR EXPECTATIONS AND NEEDS



Professor Tebbett has a bachelor's degree in Pharmacy and a Ph.D. in Forensic Toxicology. He has previously held faculty positions with the Forensic Science programs at the University of Strathclyde, Scotland and the University of Illinois at Chicago (1988-92). Dr. Tebbett is the director of the UF Forensic Science Program and a professor in the UF colleges of Pharmacy and Veterinary Medicine.



Professor Wielbo received a master's degree in forensic science, and was employed by the British Home Office Forensic Science Service before earning a Ph.D. from the University of Illinois. Currently, Dr. Wielbo is an associate professor in the department of Medicinal Chemistry at the UF College of Pharmacy and instructor of record for the online MS degree program in Forensic Serology and DNA.



Professor James received her Ph.D. from the University of London in 1972 and her DSc in 1993. She is currently a professor and Chair of Medicinal Chemistry and a professor of pharmacology at UF. She has technical experience in enzymology; analytical and protein chemistry; in vivo/in vitro correlations; the use of fish models for intestinal bioavailability studies and rat models for drug metabolism studies.



Clinical Assistant Professor Grundmann received his Ph.D. from UF in Pharmaceutical Sciences. He also worked for the Forensic Science program after graduating with a master's degree in Forensic Toxicology and a minor in Statistics. Dr. Grundmann received his bachelor's degree in Pharmacy and his European pharmacist's license from the University of Muenster, Germany, in 2004.

MASTERS DEGREE AND COURSE CURRICULUM

The diploma will state *Master of Science issued by the Graduate School of the University of Florida*. Transcripts will read **Master of Science in Pharmacy and Pharmaceutical Sciences with concentration in Pharmaceutical Chemistry**. This program will consist of 32 credits offered entirely online, with the exception of a 3 day final cumulative examination held on campus.

The following courses are required for a Master of Science in Pharmacy and Pharmaceutical Sciences: Fundamentals of Medicinal Chemistry, Metabolic Biochemistry, Structure and Function of Nucleotides, Medicinal Chemistry 1, Medicinal Chemistry 2, Natural Medicinal Products, Pharmaceutical Analysis 2, Synthetic Medicinal Chemistry, Drug Biotransformation, Laboratory QA/QC, Mammalian Pharmacology, and special topics (on location in Gainesville)

SEE DETAILED COURSE DESCRIPTIONS AT: [HTTP://PHARMCHEM.COP.UFL.EDU](http://pharmchem.cop.ufl.edu)