



# University of Georgia College of Pharmacy

2006-2008

***Begin a successful career in pharmacy  
Acquire knowledge, experience,  
and proven skills***

**CURRICULUM GUIDE & APPLICATION INFORMATION**

## Pre-pharmacy curriculum

For specific course descriptions and prerequisites, see the University of Georgia [Undergraduate Bulletin](#) or visit the UGA Website at <http://www.bulletin.uga.edu>.

### AREA A - Essential Skills (9 hours)

		Hours
ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
MATH 1113	Precalculus	3

### AREA B - Institutional Options (1 hour)

The College of Pharmacy has no prescribed courses in this area. Requirements can be met by fulfilling requirements in Areas A, C, D, and E.

### AREA C - Humanities/Fine Arts (6 hours)

SPCM 1100	Communication in Human Society <u>or</u>	
SPCM 1500	Introduction to Interpersonal Communication	3
Humanities Elective		3

In addition to SPCM 1100 or 1500, students may select either a humanities or fine arts course from a list of courses that can be found in the University of Georgia Bulletin or on the UGA website at [www.uga.edu](http://www.uga.edu).



## Application to the professional program

To be admitted to the professional program in the College of Pharmacy, a student must complete pre-pharmacy requirements. At the University of Georgia, the pre-pharmacy program is administered through the College of Arts and Sciences. The two years of pre-pharmacy education require satisfactory completion of not less than 60 semester hours of academic work counting toward the pharmacy degree. In addition, students must meet the general requirements for physical education.

Applicants to the professional program must take the Pharmacy College Admission Test (PCAT). The fall offering date is the preferred time. In addition to the applicant's grade point average, the selection process will utilize the

### AREA D - Science, Mathematics, and Technology (12 hours)

CHEM 1211	Freshman Chemistry I	3
CHEM 1211L	Freshman Chemistry I Lab	1
CHEM 1212	Freshman Chemistry II	3
CHEM 1212L	Freshman Chemistry II Lab	1
MATH 2200-2200L	Analytic Geometry and Calculus	4

### AREA E - Social Sciences (12 hours)

ECON 2105	Principles of Macroeconomics <u>or</u>	
ECON 2106	Principles of Microeconomics	3
POLS 1101		3
	If student hasn't met Georgia and U.S. Constitution requirement	
HIST 2111 or HIST 2112		3
	If student hasn't met Georgia and U.S. History requirement	
Social Studies Elective		3
	For other Social Science electives, see UGA Bulletin or UGA website, <a href="http://www.uga.edu">www.uga.edu</a> .	

### AREA F - Courses Related to Major (20 hours)

CHEM 2211	Modern Organic Chemistry I	3
CHEM 2211L	Modern Organic Chemistry Lab I	1
CHEM 2212	Modern Organic Chemistry II	3
CHEM 2212L	Modern Organic Chemistry Lab II	1
BIOL 1107-1107L	Principles of Biology I	4
BIOL 1108-1108L	Principles of Biology II	4
STAT 2000	Elementary Statistics	4

PCAT scores, recommendations and an on-campus interview. The College of Pharmacy accepts students into its professional program for beginning classes only in the Fall semester.

Application to the College of Pharmacy must be submitted by February 1. Transcripts showing all college work taken should accompany the application. Students may apply to the College of Pharmacy when they have completed three semesters of academic work. Applicants who are accepted but do not attend for the accepted term must repeat the admission process for a future date.

Applicants for admission to the College of Pharmacy who are known to have been officially dismissed from another pharmacy program will not be accepted. A student who gains entrance to the College by misrepresentation of facts may be dismissed immediately.



# Doctor of Pharmacy curriculum

## FIRST PROFESSIONAL YEAR

The first year curriculum introduces the student to “systems” on which the profession is based, e.g., organ systems, drug delivery systems, health care systems, computer systems, communications, and medical terminology. This provides the foundation on which the second, third, and fourth professional years are built.

### Fall Semester

PHRM 3010	Introduction to Pharmacy	3
PHRM 3100	Pharmacy Skills Lab I	2
PHRM 3400	Anatomy and Physiology I	3
PHRM 3470	Pathophysiology I	3
PHRM 3050	Biochemical Basis of Disease I	2
PHRM 3800	Clinical Applications I	1
PHRM 3940	Survey of Drug Information	1
PHRM 3900	Pharmacy Intercommunications	<u>2</u>
		17



### Spring Semester

PHRM 3200	Quantitative Methods in Pharmacy	2
PHRM 3110	Pharmacy Skills Lab II	2
PHRM 3410	Anatomy and Physiology II	3
PHRM 3480	Pathophysiology II	3
PHRM 3060	Biochemical Basis of Disease II	2
PHRM 3750	Pharmacy and US Health Care System	3
PHRM 3850	Clinical Applications II	1
PHRM 4800	Pharmacy Seminar	<u>1</u>
		17

## SECOND PROFESSIONAL YEAR

In the second year, the curriculum focuses on drugs – their structure, function, mechanism of action, formulation, and clinical use in patients.

### Fall Semester

PHRM 4050	Principles of Medicinal Chemistry I	2
PHRM 4120	Pharmacy Skills Lab III	2
PHRM 4180	Drug Therapy of Infectious Disease	3
PHRM 4200	Principles of Pharmaceutics I	2
PHRM 4410	Pharmacology I	3
PHRM 4850	Disease Management I	3
PHRM 4900	Clinical Applications III	1
Elective		<u>2</u>
		18

### Spring Semester

PHRM 4060	Principles of Medicinal Chemistry II	2
PHRM 4130	Pharmacy Skills Lab IV	2
PHRM 4190	Chemotherapy of Cancer	2
PHRM 4210	Principles of Pharmaceutics II	2



PHRM 4420	Pharmacology II	3
PHRM 4860	Disease Management II	3
PHRM 4950	Clinical Applications IV	1
PHRM 4700	Pharmacy Statistics and Drug Information	<u>2</u>
		17

### THIRD PROFESSIONAL YEAR

Third year courses utilize disease and drug information presented in the first and second years to make decisions for individual patients. The student will construct pharmacotherapy regimens and write plans to monitor drug therapy for efficacy and safety.

#### Fall Semester

PHRM 5140	Pharmacy Skills Lab V	2
PHRM 5260	Clinical Pharmacokinetics I	4
PHRM 5820	Self-Care & Nonprescription Drugs	3
PHRM 5860	Pharmacotherapy I	4
PHRM 5920	Clinical Seminar	1
Electives		<u>5</u>
		19

#### Spring Semester

PHRM 5150	Pharmacy Skills Lab VI	2
PHRM 5650	Pharmacy Care Management	2
PHRM 5870	Pharmacotherapy II	4
PHRM 5920	Clinical Seminar	1
PHRM 5680	Pharmacy Law & Ethics	2
PHRM 5950	Advanced Drug Information and Drug Policy Management	2
Electives		<u>5</u>
		18



### FOURTH PROFESSIONAL YEAR

Full time clerkship rotations in institutional, community, and other patient care settings.

#### Summer Semester

PHRM 5901	Required Pharmacy Clerkship	5
PHRM 5902	Required Pharmacy Clerkship	<u>5</u>
		10

#### Fall Semester

PHRM 5903	Required Pharmacy Clerkship	5
PHRM 5904	Required Pharmacy Clerkship	5
PHRM 5905	Required Pharmacy Clerkship	<u>5</u>
		15

#### Spring Semester

PHRM 5906	Required Pharmacy Clerkship	5
PHRM 5907	Required Pharmacy Clerkship	5
PHRM 5908	Required Pharmacy Clerkship	<u>5</u>
		15

## PROGRAM OF STUDY

The College of Pharmacy offers the Doctor of Pharmacy degree to students who successfully complete the six-year study of prescribed courses. The first two years (pre-pharmacy) may be completed at any accredited institution of higher education. The last four years (nine semesters) are in the professional program and must be in residence at the College of Pharmacy. At least four years of study in the professional program are required by the American Council on Pharmaceutical Education.

## HOURS

In order to receive the Doctor of Pharmacy degree from the College of Pharmacy, a student must have earned academic credit for not less than 60 semester hours (exclusive of physical education) in pre-pharmacy course work and 146 semester hours of required professional course work.

## FINANCIAL AID

Requests for scholarships and loans are handled through The University of Georgia Financial Aid Office. The office is open year-round (with the exception of holidays), and the hours of operation are 8:00 AM - 5:00 PM Monday through Friday. For more information about financial aid and eligibility, you may call the Student Financial Aid Office at (706)542-3476 or visit the UGA Website at [www.uga.edu/osfa/](http://www.uga.edu/osfa/).

## THE HOPE SCHOLARSHIP PROGRAM

Students who meet the criteria for the HOPE Scholarship and have not exceeded the maximum number of credit hours under the HOPE program may continue their HOPE Scholarship in the pharmacy curriculum. Pharmacy students have an eligibility limit of 127 semester hours (which includes both pre-pharmacy and pharmacy course work) under the HOPE guidelines. Specific questions regarding eligibility for the HOPE Scholarship should be directed to The University of Georgia Student Financial Aid Office.

## INFORMATION AND APPLICATION

Online at [www.rx.uga.edu](http://www.rx.uga.edu) or Ken Duke, Assistant to the Dean, at 706-542-5278.



## PHARMACY INTERNSHIP

In order to become licensed to practice pharmacy in the state of Georgia, 1500 hours of internship must be earned as a pharmacy intern under the immediate supervision of a pharmacist. Credit for internship may be received only after a student has been licensed by the Georgia State Board of Pharmacy as a pharmacy intern. Application for a pharmacy intern license can only be made once a student has enrolled in a college of pharmacy. Students are encouraged to satisfy internship requirements during the summers. A total of 1000 hours of internship credit will be awarded for work performed while registered for academic credit in the Doctor of Pharmacy clerkships. An intern license is required for participation in all patient care experiences.

All pharmacy interns must contact the Joint Secretary, State Examining Boards, 237 Coliseum Drive, Macon, Georgia 31217-3858 (Phone: (478) 207-1686; Fax: (478) 207-1699) in order to receive a license. Applications can be obtained from the Board of Pharmacy web site at [www.sos.ga.us/plb/pharmacy](http://www.sos.ga.us/plb/pharmacy). The pharmacist supervising the intern must also notify the joint secretary that the intern is under his/her supervision.

## PRACTICE EXPERIENCE

The practice experience program is designed to develop professional practice skills in a variety of patient care settings. The practice experience program is divided into two components: early and advanced pharmacy practice experiences.

Possible advanced practice experiences in the fourth year include:

Ambulatory Care	Industry
Automation	Infectious Disease
Cardiology	Internal Medicine
Community Pharmacy Practice	Managed Care
Compounding	Neurology
Consultant Pharmacy	Nuclear Pharmacy/Radiology
Critical Care/Operating Room	Nutrition Support
Drug Information/Medication Utilization Evaluation	OB/Women's Health
Emergency Medicine	Oncology
Family Medicine	Pediatrics/Neonatology
Gastroenterology	Pharmacokinetics
Geriatrics	Pharmacy Administration
Home Health	Psychiatry
Hospital Pharmacy Practice	Public Health
	Research



## APPLICATION GUIDELINES

1. Applicants must submit a completed application on-line before February 1. The earlier the application is submitted, the sooner it will be processed and considered by the Admissions Committee. The on-line application is available from the College's Website ([www.rx.uga.edu](http://www.rx.uga.edu)).
2. At least two recommendations are required for each applicant. The reference form can be downloaded from the College's Website ([www.rx.uga.edu](http://www.rx.uga.edu)). One recommender should be a pre-pharmacy advisor or someone familiar with the applicant's educational background; the other should be a health care professional, preferably a pharmacist. Applicants may submit additional recommendations by photocopying a blank reference form or printing additional copies from the Web page.
3. All applicants must take the Pharmacy College Admission Test (PCAT) and have their scores sent to The University of Georgia College of Pharmacy. The Fall test date is preferred so that students have the opportunity to re-take the test in January (in time to meet the February 1 application deadline) if they desire. Students may take the PCAT as many times as they wish without penalty. Individual percentile scores as well as Composite percentile scores are reviewed by the Admissions Committee. Review books and courses for the PCAT are available. For more information, contact the College of Pharmacy Admissions Office.
4. All applicants should be prepared for an on-campus interview with members of the Admissions Committee and currently enrolled pharmacy students. During the interview, students may be asked to discuss their academic background, reasons for selecting pharmacy as a profession, plans upon graduation, work experience, leadership experience, and extracurricular/entrepreneurial experiences. Verbal and written communication skills will also be evaluated by the committee.

## IMPORTANT DATES — APPLY EARLY!

Summer or Early Fall — Complete on-line application for the College of Pharmacy and the PCAT

October — Fall PCAT Exam (see PCAT application for dates, time and locations)

Fall Term — Submit application and preliminary transcripts before the end of the Fall Term. Completed files will be considered for early interview dates.

January — Winter PCAT (see PCAT application for dates, time and locations)

February 1 — File completion date. Transcripts of all work completed through the Fall Term, recommendations, and materials for which the student is responsible (i.e., everything except official PCAT score reports)