



UNIVERSITY *of* HOUSTON

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PHARMACY ADMINISTRATION (Ph.D.)

University of Houston College of Pharmacy: Founded in 1946, the University of Houston College of Pharmacy combines the opportunities and experiences of the Texas Medical Center's world-class healthcare community with resources of the University of Houston, Texas' premier urban teaching and research university, to offer its students the best possible education. The College is accredited by the Accreditation Council for Pharmacy Education and holds membership in the American Association of Colleges of Pharmacy.

Location: The College of Pharmacy has two campuses: the main University of Houston campus; and the Texas Medical Center campus, where students have access to the Texas Medical Center Library and collaborations with TMC institutions. Both campuses are served by public transportation and daily/contract parking facilities.

Degrees: In addition to the Ph.D. in Pharmacy Administration, the College offers a Bachelor of Science (B.S.) in Pharmaceutical Sciences, a Master of Science (M.S.) in Pharmacy Administration, a Doctor of Pharmacy (Pharm.D.) professional degree, a Doctor of Philosophy (Ph.D.) in Pharmacology or Pharmaceutics, a combined Pharm.D./Ph.D. in Pharmacology or Pharmaceutics, a combined Pharm.D./M.S. in Pharmacy Administration and a concurrent M.S. in Pharmacy Administration/Residency program.

Program Overview: Pharmacy Administration research encompasses issues and topics related to Pharmacoeconomics, Pharmaceutical Outcomes Management, Health Outcomes Research, Pharmacy Business Administration, Pharmaceutical and Pharmacy Management, Pharmaceutical Marketing, Consumer Health Behavior, Managed Health Care Issues, Health Policy Development, Pharmaceutical Care, Health Systems Operations, and Information Systems in Health Care. These topics are considered in a systematic and scientific manner to conduct inquiry and evaluate drug therapy decisions by measuring and analyzing patient outcomes for the evaluation and improvement of access, effectiveness and quality of care.

Mission & Goals: The mission of the Pharmacy Administration graduate program is to advance research and development in the field of pharmacy administration to enhance the safe and effective delivery of pharmaceuticals and pharmaceutical care. The program will prepare students with technical knowledge and problem-solving skills to assume positions of responsibility and leadership.

Faculty: Our faculty are recipients of awards and research grants from such prestigious organizations as the National Institutes of Health, American Association of Colleges of Pharmacy, the Agency for Healthcare Research & Quality (part of the U.S. Department of Health & Human Services), and the American Society of Health-System Pharmacists Research & Education Foundation. The Pharmacy Administration faculty comprises Rajender R. Aparasu, M.Pharm., Ph.D.; Hua Chen, M.D., Ph.D.; E. James Essien, M.D., Dr.P.H.; Amalia M. Issa, Ph.D., M.P.H.; Michael L. Johnson, Ph.D.; Suja S. Rajan, M.H.A., Ph.D.; and Sujit S. Sangsiry, M.S., Ph.D.

Admissions

An M.S. in Pharmacy Administration or a similar degree is the minimum education level for applicants to be considered for the Ph.D. in Pharmacy Administration program. Applicants with a pharmacy background and/or advanced training will be given preference, and prospective students with healthcare-related backgrounds and/or experience also are encouraged to apply.

Recent Student Accolades

Awards

- Presentation Merit Award for Contributed Research Paper, American Pharmacists Association Academy of Pharmacy Practice and Management (2008 & 2007)
- Best Student Poster Presentation Award, International Society for Pharmacoeconomics and Outcomes Research 13th Annual International Meeting (2008)
- 8 awards (2007) and 2 awards (2008) at the Annual Health Services & Outcomes Research Conference in Houston, Texas (2007)
- Student Chapter President Service Award, International Society for Pharmacoeconomics and Outcomes (2008, 2007 & 2005)

Presentations

- 3 poster presentations (with travel awards) at the 44th Annual Drug Information Association Meeting, Boston, MA, June 2008
- 12 poster presentations at the 9th Annual Health Services and Outcomes Research Conference, Houston, TX December 2008
- 8 poster presentations at the American Pharmacists Association Annual Meeting and Exposition, San Antonio, TX, April 2009
- 18 poster presentations and 1 podium presentation at the 14th Annual International Meeting, International Society for Pharmacoeconomics and Outcomes Research, Orlando, FL, May 2009

Applications

Application deadline: March 1

Follow application instructions on reverse side or visit <http://pharmacy.uh.edu/fs/pa/phd/index.php> and send required information directly to:

Graduate Studies
Dept. of Clinical Sciences & Administration
University of Houston College of Pharmacy
Texas Medical Center, 1441 Moursund St.
Houston, Texas 77030

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Ph.D. in Pharmacy Administration Course of Study

Course Type	Credit Hours
Pharmacy Administration Core Courses	9
Research Methods Core Courses	9
Statistical Analysis Core Courses	9
Elective Courses	18
Seminar	6
Dissertation Research & Defense	19
Minimum for graduation	70
Degree Plan for Full-time Students	
First Year (Fall & Spring)	Credit Hours
Pharmacy Administration & Management I and II	6
Pharmacoepidemiology	3
Biostatistics & Experimental Design	3
Seminar in Pharmacy Administration (1 credit hour each)	2
Research Methods in Pharmacy Administration	3
Regression Analysis & Methods in Pharmacy Admin.	3
First Year Summer Semester	
Research Practicum (Internship) or Any two Elective Courses 6000 level or higher	6
Total First Year	26
Second Year (Fall & Spring)	
Multivariate Analysis & Methods in Pharmacy Admin.	3
Advanced Research Design in Pharmacy Administration	3
Seminar in Pharmacy Administration (1 credit hour each)	2
Pharmacy Administration & Management III	3
Elective Courses (3 credit hours each)	9
Second Year Summer Semester	
Any Elective Courses or Doctoral Dissertation Research	6
Total Second Year	26
Third Year (Fall & Spring)	
Any Elective Courses or Doctoral Dissertation Research	16
Advanced Seminar in Pharmacy Admin. (1 credit hour each)	2
Third Year Summer Semester	
Any Elective Courses or Doctoral Dissertation Research	6
Total Third Year	24
Fourth Year (Fall & Spring)	
Any Elective Courses or Doctoral Dissertation Research	16
Advanced Seminar in Pharmacy Admin.	1
Doctoral Dissertation Defense	1
Total Fourth Year	18
Total Credits for the Ph.D. program	94*

**Note: Students will be required to enroll for Seminar every semester; however, only 6 credits will be applied toward the minimum requirements for graduation. Students may graduate early if they have completed the minimum requirements for the program. Students cannot exceed 99 credit hours of Ph.D. courses. Although students are required to take the minimum coursework for didactic and dissertation courses, it is up to the student's dissertation committee to approve the final coursework plan, based on student's performance.*

Student Checklist

- _____ Cover letter or a copy of the checklist indicating items included in the package
- _____ Complete Graduate Application Form (complete it on Online and submit a printed copy with your package)
- _____ GRE (preferred) or GMAT score – original scores submitted to the University using code 6870 and a certified photocopy submitted along with the package
- _____ Recommendation letters (minimum 3)
- _____ Official Transcripts (2 copies)
- _____ Statement of Purpose (Maximum 2 pages)
- _____ Resume or Curriculum Vitae (Maximum 3 pages)
- _____ Two passport-size photographs
- _____ Complete mailing address, telephone number, and e-mail address (if applicable)
- _____ Non-refundable application fee: \$25 application fee (domestic applicants), \$150 application fee (international applicants)
- _____ TOEFL score for international applicants (original scores submitted to the University using code 6870 and a certified photocopy submitted along with the package)
- _____ Letter of Financial Backing (international applicants)
- _____ A signed Statement of Understanding (international applicants)
- _____ Other material (if any, please note below):

Transfer Students

Students should follow the same application process. Students may be able to transfer a maximum of 9 credit hours of completed course work from an accredited program. Transfer students can seek admission throughout the year. The deadline for Spring semester transfer is **October 1**. Please check with the Director of Graduate Studies before applying.

Part-time Students

Students have the option to enroll part-time and take courses as and when they are offered. Students have a maximum of 5 years to finish their Ph.D. program requirements. Students must register for 1 hour of seminar credit during the Fall and Spring semesters every year.

Dean, College of Pharmacy

F. Lamar Pritchard, Ph.D., R.Ph.

Chair, Dept. of Clinical Sciences & Administration

Kevin W. Garey, Pharm.D., M.S.

Division Head, Pharmacy Administration & Public Health

Rajender R. Aparasu, Ph.D., M.Pharm.

Director, Graduate Studies (Pharmacy Administration)

Sujit S. Sangsiry, Ph.D.

<http://pharmacy.uh.edu/>

Equal Opportunity Policy

The University of Houston provides equal treatment and opportunity to all persons without regard to race, color, religion, national origin, sex, age, disability, veteran status or sexual orientation except where such distinction is required by law. This statement reflects compliance with Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972 and all other federal and state regulations. The university reserves the right to make changes without notice in any publication as necessitated by university or legislative action.

For More Information

For more information, contact:

Sujit S. Sangsiry, Ph.D.

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