The University of Houston College of Pharmacy’s Doctor of Pharmacy (Pharm.D.) offers a learning and experiential environment that combines the multidisciplinary collaborative opportunities of the Texas Medical Center’s world-class healthcare and scientific community with the academic resources and award-winning faculty at Houston’s only Carnegie Institute-designated Tier One public research university.

Our alumni are successful business owners, executives in highly ranked health systems and corporate operations, and leaders in professional organizations at the national, state and local level. Our full-time and adjunct faculty include nationally recognized teachers and clinicians, published authors in high-impact journals, holders of U.S. and international patents, and basic and translational researchers supported by grants from such prestigious entities as the National Institutes of Health. Our student body includes several national and regional officers of professional organizations, as well as individual and chapter award winners in national organizations and pharmacy fraternities.

In collaboration with its partners in the TMC and elsewhere, the college offers a broad range of clinical research opportunities and advanced pharmacy practice experiences (APPEs) in oncology, infectious disease, pediatrics, women’s health, critical care, neurology, nuclear pharmacy and veterinary pharmaceutical care. UH Pharm.D. students also can pursue a variety of unique in-state and out-of-state APPEs, including the FDA, CDC, Indian Health Service in Alaska and New Mexico, and summer camps for diabetes patients and special needs children.

In addition, Houston’s diverse population affords numerous pharmacy care-based service and outreach activities at local clinics – including the college’s role as a founding member of the HOMES Clinic for homeless patients – and wellness events targeting underserved communities. For example, UH students assisted in the delivery of nearly 10,000 H1N1 and seasonal flu immunizations in 2009 at Houston-area clinics. Beginning in spring 2012, the college provides students the opportunity to acquire language and cultural skills through the Certificate in Spanish for the Professions in the Global World.

The college also offers two combined degree programs – the Pharm.D./M.S. in Pharmacy Administration and the Pharm.D./Ph.D. in Pharmacology or Pharmaceutics – as well as post-graduate fellowship and residency programs in infectious diseases pharmacotherapy and a concurrent M.S./Residency (PGY1/PGY2) in Pharmacy Administration.

TRACKING COUGAR SUCCESS:
ACADEMIC YEARS 2011-13

- 6 National or Regional Positions (NCPA SLC President and SLC Member; SNPhA Vice President and Regional Facilitator; and APhA-ASP Communications Committee member and Regional Member-At-Large)
- Finalists for National Chapter of the Year: NCPA and SNPhA

UH.EDU/PHARMACY
A CARNEGIE-DESIGNATED TIER ONE
PUBLIC RESEARCH UNIVERSITY
**PHARM.D. COURSE OF STUDY**

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Course #</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>Intro. to Biological Sci. I &amp; II with Lab</td>
<td>BIO 1361-2/1161-2</td>
<td>8</td>
</tr>
<tr>
<td>Microbiology with Lab</td>
<td>BIO 3332/3132</td>
<td>3-4</td>
</tr>
<tr>
<td>Fund. of Chemistry I &amp; II with Lab</td>
<td>CHEM 1331-2/1111-2</td>
<td>8</td>
</tr>
<tr>
<td>Organic Chemistry I &amp; II with Lab</td>
<td>CHEM 3331-2/3221-2</td>
<td>8-10</td>
</tr>
<tr>
<td>College Physics OR</td>
<td>PHYS 1301</td>
<td>3</td>
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<tr>
<td>1 year high school Physics</td>
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<tr>
<td>Calculus I</td>
<td>MATH 1431</td>
<td>4</td>
</tr>
<tr>
<td>Intro. to Statistical Analysis</td>
<td>MATH 2311</td>
<td>3</td>
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<tr>
<td>First Year Writing I &amp; II**</td>
<td>ENG 1303/1304</td>
<td>6</td>
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<tr>
<td>Fundamentals of Public Speaking</td>
<td>COMM 1332</td>
<td>3</td>
</tr>
<tr>
<td>U.S. History I &amp; II**</td>
<td>HIST 1377/1378</td>
<td>6</td>
</tr>
<tr>
<td>Political Science**</td>
<td>POLS 1336/1337</td>
<td>6</td>
</tr>
<tr>
<td>Social Science</td>
<td>PSYC 1300 or SOC 1300</td>
<td>3</td>
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<tr>
<td>Writing in the Disciplines*,**</td>
<td>See UH approved list</td>
<td>3</td>
</tr>
<tr>
<td>UH Humanities Elective*,**</td>
<td>See UH approved list</td>
<td>3</td>
</tr>
<tr>
<td>UH Performing/Vis. Arts Elective*,**</td>
<td>See UH approved list</td>
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</tr>
<tr>
<td>TOTAL Hours**</td>
<td></td>
<td>57-72</td>
</tr>
</tbody>
</table>

**Professional Requirements**

Pharmacy Practice I, II, IV, V & VI 11
Cellular Life Sciences I & II 7
Organ Systems Life Sciences I & II 7
Pharmacy Management I, II & III 7
Pharmaceutics I & II 6
Medicinal Functional Group Analysis 1
Pharmacy Calculations 1
Pharmacy Law and Ethics 3
Pharmacy Skills Program II, IV & V 5
Intro. Pharmacy Practice Experiences (IPPE) – IPPE and Professional Development I & II 4
Intro. Community Pharmacy 4
Medicinal Chemistry I & II 5
Pharmacology I & II 8
Pharmacokinetics 3
Toxicology I 2
Physical Assessment/Anatomy 4
Pharmacy Electives 6
Advanced Pharmacy Practice Experiences – Institutional Medicine 6
Advanced Community Pharmacy 6
Advanced Hospital Pharmacy 6
Ambulatory-Based Clinical 6
Elective APPEs – Clinical 12
Elective APPE (Ambulatory-Based, Clinical or Non-clinical) 6
Clinical Seminar 1
TOTAL for Pharm.D. Degree*** 139

*Refer to www.uh.edu/academics/corecurriculum. **Students with a bachelor’s degree or higher from an accredited U.S. institution prior to enrollment at UH will not be required to complete these courses. ***Not including prerequisites or equivalent courses.

**CHECKLIST**

For detailed information, please visit www.uh.edu/pharmacy/prospective-students/index.php.

**High School**

- Take all of the math and science classes you can, including physics.
- Join a science/health professions club.
- Talk to a counselor about college requirements.
- Visit with a pharmacist.
- Develop good study habits.
- Visit college/university campuses.
- Attend college orientation.

**Pre-Pharmacy**

- Make and maintain contact with your college’s pre-health or pre-pharmacy advisor.
- Attend a UH Step One Advising session (visit www.uh.edu/pharmacy/prospective-students/pharmadvising/index.php)
- Seek assistance from a professor; take advantage of tutoring and other services on campus.
- Use summer school for courses other than math and science.
- Transfer hours are limited to 66 semester hours of lower division coursework, determined by UH.
- Consider taking advanced math and sciences at a four-year institution to become acclimated to a graduate/professional program.
- Join and become active in a pre-pharmacy organization.
- Pharmacy experience is highly encouraged.
- Register and prepare for the PCAT (a 75th percentile or higher in all test areas is recommended); visit www.pcatweb.info for more information.
- The average pre-pharmacy GPA was 3.5 for the entering classes of the past three years.

**Applying for Pharmacy Admission**

- Read through all instructions carefully when preparing your PharmCAS application packet (www.pharmcas.org)
- Send in the supplemental application promptly
- Prepare for Interview Day, if invited.
- Keep your email, phone number and address information current with PharmCAS.
- Apply for financial aid and complete FAFSA prior to April 1. www.fafsa.ed.gov

**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.

**For More Information**

To receive more information regarding the College of Pharmacy or to arrange a college visit, contact:

University of Houston
College of Pharmacy
Office of Admissions
141 Science & Research Bldg. 2
Houston, Texas 77204-5000
713-743-1239
pharmacyadmissions@uh.edu

Dean, College of Pharmacy
E. Lamar Prichard, Ph.D.
Associate Dean for Academic Affairs
Andrea L. Smeny, M.P.H., Pharm.D.
Assistant Dean for Student & Professional Affairs
Barbara Tatam Lewis, M.A., L.P.C., R.Ph.
Director of Admissions
Morgan Ely, B.A.
Director of Recruitment
Nekesa Berkley, B.S.
Academic Advisors
Shauna Owens, M.S., and Natasha Hindocha, M.S.
Financial Aid Advisor
Scott Parker, B.A.