



University of Connecticut School of Pharmacy

Doctor of Pharmacy Professional Program Admission Information & Plan of Study

A career in pharmacy is innovative and exciting, with new roles and opportunities emerging as our healthcare system evolves to meet the changing needs of patients. In addition to their traditional role in community pharmacies, pharmacists have careers in all areas of public and private health care and medical research.

The Doctor of Pharmacy (Pharm.D.) Professional Program is an upper division program, which means that students typically complete two years of coursework before entering the four-year professional program – for a total of six years. Pre-pharmacy is not a major, but rather, the title given to the first two years of prerequisite coursework. UConn pre-pharmacy students are assigned to specific advisors in the Academic Center for Exploratory Students, (ACES), who help them to prepare for entrance into the School of Pharmacy. Students following academic tracks other than pre-pharmacy may also apply to the Pharm.D. Program, provided that they meet the requirements for submitting an application. Students typically apply for admission to the School of Pharmacy after completing their third semester of study, for entry into the professional program the following fall.

The school has joined with the Department of Residential Life to create a pre-pharmacy living-and-learning community, a small cluster of 20 to 25 first year resident students who live, study and learn together. The students have a First Year Experience course that covers the basic university learning skills, but with a focus on pharmacy. Current Pharm.D. students act as mentors. Some pre-pharmacy students choose to join pharmacy student organizations and fraternities. These programs help connect the pre-pharmacy students to the school and may provide motivation to excel in their prerequisite courses.

Once accepted into the School of Pharmacy, students must successfully complete the four-year professional program to earn a Pharm.D. degree. The Pharm.D. is not a graduate degree, but rather, a professional degree, such as those earned by attorneys [JD] or doctors [MD] and is the only degree that will allow the graduate to become a licensed, practicing pharmacist. At the end of the second professional year (or fourth year at UConn,) the University confers a Bachelor of Pharmacy Studies degree to students who successfully meet the requirements. Students are not eligible to sit for the pharmacy licensing exam until they complete the final two years of the professional program and earn the Pharm.D. degree.



HOW ARE YOU PREPARING TO BE A PHARMACY STUDENT?

If you think that you might be interested in a career in pharmacy, the following suggestions may be helpful:

For High School Students...

- Meet with a high school counselor to ensure that all proper courses are being taken, and to assist with the college search process.
- Take beneficial classes in high school such as:
 - upper-level science courses (i.e. chemistry, biology, physics, etc.) as well as pre-calculus and/or calculus
 - three years of a single foreign language
 - any classes that emphasize communication skills, both written and oral
 - AP and college cooperative classes taken in high school that fulfill UConn general education requirements [Must earn a 4 or 5 in AP courses.]
- Get involved outside of the classroom to develop leadership and time-management skills
 - try to gain pharmacy-related experience
 - have a part-time job
 - participate in extracurricular activities such as athletics, organizations, and clubs

For College Students and Adult Learners...

- Take the required pre-pharmacy courses (see Proposed Plan of Study for Pre-Pharmacy Students in the center of this booklet)
- Take advantage of on-campus support networks available to you (i.e. advising centers, on-campus tutoring, writing centers, etc...)

- Obtain pharmacy-related experience
 - part-time employment in a community and/or hospital pharmacy
 - shadow a local pharmacist
 - volunteer in other humanitarian/health-related fields
 - arrange for summer internships at larger pharmaceutical companies, such as Pfizer
- Participate in extra-curricular activities
- Participate in pre-pharmacy FYE courses and living/learning communities

APPLICATION & ADMISSION TO THE PHARM.D. PROGRAM

Application Requirements

Upon meeting the following requirements, a student is eligible to apply for admittance into the professional program:

- Complete required pre-pharmacy courses
- Complete all required math, science, and English prerequisites by the end of the spring semester for enrollment into the professional program in the following fall
- Complete microeconomics and sociology before enrollment into the fall semester
- Take the PCAT no later than the January test date of the year seeking enrollment and have scores reported to the University of Connecticut School of Pharmacy

Applicants who do not meet these criteria will not be considered for admission.

Students who have not fulfilled the University of Connecticut General Education Requirements before they enter the professional program will have to complete those courses by May of the second professional year.

Transfer Admissions

The School of Pharmacy defines a transfer applicant to be any applicant, regardless of prior education, who is not currently enrolled at the University of Connecticut and is seeking direct admission into the Doctor of Pharmacy Professional Program. Applicants who have received prior degrees from institutions other than the University of Connecticut are considered to be transfer students under this definition. Preference is given to University of Connecticut students (regardless of residency,) Connecticut-state residents, and New England Regional students (MA, ME, NH, VT) for direct admission to the Pharm.D. Professional Program. Specific restrictions and deadlines apply to transferring directly into the pre-pharmacy and pharmacy programs. Please refer to the Undergraduate Catalog and School of Pharmacy website for current information.

Admission Policy

The School of Pharmacy is a participating member of PharmCAS, [www.PharmCAS.org] the AACP electronic application service. Admission to the School of Pharmacy is competitive and based upon: 1.) Cumulative grade point average in the math and science prerequisites; 2.) Overall academic performance; 3.) PCAT score; 4.) Pharmacy-related experience; 5.) Recommendations and personal statement; and 6.) Personal Interview

Students will be considered for an interview on a competitive basis. An outstanding academic record may be one of the components used to prioritize student interviews. Students receiving an interview should not assume that they will be admitted to the professional program.

Pharmacy College Admissions Test [PCAT]

The Pharmacy College Admissions Test (PCAT) is a standardized test used to assess an applicant's abilities in 5 sub-test areas: verbal, quantitative, reading comprehension, biology and chemistry. A composite score is the average of the 5 subtest results and the score that is considered for admission purposes. The test can be taken more than once, at no jeopardy to the applicant, with the highest score being considered for application purposes. The PCAT is offered several times per year. The test must be taken no later than January of the year in which the student would normally begin the September course of study for the first professional year. A fee applies to each test. Because the student must have knowledge in organic chemistry to do well on the chemistry subtest, it is recommended that the student wait until their second pre-pharmacy year to take the PCAT. All candidates will take the test via computer at pre-selected Pearson VUE Testing Centers. For more information regarding the PCAT, please refer to the website: www.PCATWEB.info

Calculation of the math/science prerequisite GPA

To calculate the cumulative math/science prerequisite GPA, the total grade points earned for courses are divided by the number of total credits.

SUBSTITUTIONS

When approved course substitutions are taken, the courses are treated as substitutions and **not** as replacements for the specific prerequisite courses. For example:

CHEM 1124Q, 1125Q, and 1126Q will be averaged and substituted for CHEM 1127Q and 1128Q.

The same applies for other approved substitutions.

AP WORK

When AP work is applied toward prerequisites, the number of total prerequisite credits is reduced by the number of credits earned by that AP work.

ROUNDING FOR GPA

The School of Pharmacy does not round to the nearest integer when calculating grade point averages. A 2.99, for example, will not be rounded to a 3.00.

Communication Skills



As health professionals, pharmacists must have excellent written and oral communication skills.

All applicants whose native language is not English or whose primary language while in high school was not English, must submit official scores from either

the academic version of the IELTS (International English Language Testing System) or the TOEFL. A minimum score of 7.5 is required on the IELTS (see www.IELTS.org for more information.) The minimum acceptable score on the TOEFL (internet-based) is within the range of 102-109.

The UConn American English Language Institute [UCAELI] is available to provide further development of English language skills. Visit www.ucaeli.uconn.edu for details.

EXCELLING IN THE PROGRAM

Scholastic Standards

Students admitted to the professional pharmacy program must maintain the following standards of scholastic achievement to complete the program:

- Students are subject to dismissal if there is more than one semester in which any of the following occurs:
 - Earn less than 2.0 in semester GPA
 - Earn less than 2.0 in cum GPA
 - Earn less than 2.0 in PHRM GPA
- A cumulative grade point average of 2.0 or above in all required Pharmacy courses is required to enroll in clinical clerkships/rotations.
- A cumulative grade point average of 2.0 or above in all Pharmacy/University courses is required for graduation.

All required Pharmacy courses must be taken for a grade (i.e. may not be taken on Pass/Fail or Satisfactory/Unsatisfactory.) Failure to meet any of the requirements as outlined in the Undergraduate Student Catalog may result in dismissal of the student from the program.

D POLICY

Three-tiered remedial approach which corresponds to the number of grades less than C- that a student earns at any point in his or her professional academic career. Earning a grade less than C- for the third time could lead to dismissal from the Professional Program.

Technical Standards

Students admitted to the School of Pharmacy must have the ability to safely apply their knowledge and skills to effectively interact with patients and others in educational and health care settings. Basic non-academic qualifications required in addition to academic achievements are considered essential for admission and successful completion of the pharmacy curriculum.

Thus, candidates for the B.S. in Pharmacy Studies and for the Doctor of Pharmacy degrees must be able to perform essential functions in each of the following categories: observation, behavioral and social attributes, intellect, communication, and psychomotor skills. Upon request of the student, the University will make good faith efforts in providing reasonable accommodations as required by law.

Honors & Undergraduate Research

In the Honors Program students have the opportunity to explore, in detail, an area of interest to gain expertise in a new field and make a scholarly contribution. The university provides special recognition programs to honors students during the year and at graduation. In addition, research and travel scholarships, a Washington Internship, and priority for dormitories in South Campus are available only to honors students.

Students who qualify for the **Honors Scholar** or **University Scholar** programs, generally students with a total GPA above 3.6 and honors students with a total GPA above 3.5, may be considered. An application and other information and forms are available on the University of Connecticut Honors Program

website www.honors.uconn.edu.

Pharmacy students may also complete an honors program in another major but should contact the other department for information.



Honors Program

The Honors Program is designed for highly motivated students who maintain a high GPA and wish to cap off their research or scholarly interests by writing a thesis. At graduation Honors students are individually

recognized as Honors Scholars. Their transcripts and diplomas reflect this high honor. Students may also participate in a research project without being in the Honors Program. Students wishing to conduct research need to identify a faculty research advisor who will supervise and guide the project. Students interested in a particular line of research should contact faculty members who share those interests and discuss the nature of the proposed project.

University Scholar Program

This prestigious program is for motivated students who wish to pursue nontraditional programs of study of their own creation. The program can be an interdisciplinary mixture of courses from different units within the university, can lead to a dual degree, can include graduate studies, and can be tailored to each individual. A three-person faculty committee supervises a University Scholar's program of study. In consultation with the student's committee and the associate dean, certain requirements may be waived. In addition, the university waives the General University Fee for every University Scholar for the remainder of their program. Graduation as a University Scholar is the highest academic honor that the University of Connecticut bestows on undergraduate students.

Participating in Enriching Experiences

To provide pharmacy students with the opportunity to customize their learning experience according to their own particular interests, there are three specialized learning tracks; the LEADERS track, the Urban Service track, and the Pediatric Pharmacy track. Through didactic, service, research and experiential learning opportunities, students are able to tailor their educational experience to their own unique interests while developing a specialized range of skills.

The LEADERS Track

In the rapidly changing and increasingly complex environment of healthcare, the profession of pharmacy is seeking to identify the leaders of tomorrow. Today's employees demand more involvement in decisions that impact them, thus necessitating a willingness to solicit ideas, to listen, to abandon the notion of having "all the answers." An orientation towards collaborative teams requires development of leadership skills and new behaviors and knowledge for every team member, along with restructuring of the top-down hierarchies of the past to a flatter, leaner, and more decentralized operation. LEADERS stands for Leadership through Engagement, Advocacy, Dedication, Education, Research, and Service. The Pharmacy LEADERS Track is intended to expand the breadth and depth of a student's education and experiences to both identify and develop the next generation of pharmacy leaders

The Urban Service Track

The Urban Service Track is a unique collaboration between the University of Connecticut's (UConn) Schools of Medicine, Pharmacy, Dental Medicine, Nursing, and Social Work, the Quinnipiac University's Physician Assistant Program, and the community. The main goal of the Urban Service



Track is to develop a group of health care professionals dedicated to caring for Connecticut's urban, underserved populations and practicing in interprofessional teams. Each year, a group of students from the six professional schools are selected and admitted into the program. These Urban Health Scholars work as a team to learn to solve challenges of health care in urban areas, including implementing community education and outreach programs, providing direct patient care in free clinics, promoting health literacy and cultural sensitivity, and participating in quality improvement initiatives and community-based research. In addition, Urban Health Scholars participate in conferences focusing on health policy and

advocacy activities affecting underserved populations.

The Pediatric Pharmacy Track

The Pediatric Pharmacy Track is designed to provide the pharmacy student with tools to help them succeed as a pediatric clinical practitioner. Students who are interested in pediatric clinical pharmacy will have direct exposure to the rich and varied pediatric learning experiences and research projects throughout their time as pharmacy students, thus enhancing their understanding and application as pediatric pharmacy clinicians. These specialized pediatric learning experiences culminate in the recognition of Pediatric Pharmacy Scholars at graduation.

Dual Degree Programs

Pharm.D./MBA or Pharm.D./MPH Degree Programs

Joint degree programs are offered to highly motivated students who seek to combine pharmacy education with additional knowledge and skills. After completing the first two years of study in the School of Pharmacy, students enroll in the MBA or MPH program for the third year, and then return to the School of Pharmacy for the last two years of the Pharm.D. program, which would consist of course work from both schools. Students must meet the admission requirements of both programs and apply to the MBA or MPH program in the spring semester of the P2 year as they complete the B.S. in Pharmacy Studies. Both the Pharm.D. and the MBA or MPH will be conferred simultaneously after the program requirements have been successfully met. The undergraduate course catalogue provides specific program details.

Pharm.D./Ph.D. Program

The School of Pharmacy offers a joint Pharm.D./Ph.D. program. This program targets a small number of highly motivated students who seek to combine pharmacy education suitable for professional licensure with advanced research-based training in pharmaceutical sciences. Students completing this program will earn consecutive dual degrees, the Pharm.D. and the Ph.D. Students in the dual track are afforded early acceptance into the Ph.D. program and, if they successfully complete the Pharm.D. curriculum, a modified graduate curriculum will be tailored to shorten the total time required to complete both degrees. Students must meet the admission requirements of both programs and apply to the Ph.D. program in the spring semester of the P2 year as they complete the B.S. in Pharmacy Studies.

Plan of Study

Proposed Schedule for Required Pre-Pharmacy Courses

First Pre-Professional Year - Fall Semester

BIOL 1107	Principles of Biology (content area 3)	4 cr
CHEM 1127Q ⁺	General Chemistry (content area 3)	4 cr
MATH 1131Q	Calculus	4 cr
ECON 1201 #	Principles of Microeconomics (content area 2)	3 cr

First Pre-Professional Year - Spring Semester

ENGL 1011 or 1010	Academic Writing (all students)	4 cr
CHEM 1128Q ⁺	General Chemistry II	4 cr
PHYS 1201Q	Physics	4 cr
Diversity Course #	GER (content area 4)	3 cr
Arts & Humanities #	GER (content area 1)	3 cr

Second Pre-Professional Year - Fall Semester

SOCI 1001 # *	Intro to Sociology (content area 2)	3 cr
PNB 2264 or 2274	Human Physiology & Anatomy	4 cr
CHEM 2443	Organic Chemistry	3 cr
MCB 2610	Fundamentals of Microbiology	4 cr
Diversity Course #	GER (content area 4)	3 cr

Second Pre-Professional Year - Spring Semester

MCB 2000 or 3010	Biochemistry	4-5 cr
PNB 2265 or 2275	Human Physiology & Anatomy II	4 cr
CHEM 2444	Organic Chemistry II	3 cr
W Course #	GER	3 cr
Arts & Humanities #	GER (content area 1)	3 cr

Please Note...

Students must have 6 credits in each of content areas 1, 2, 3 and 4. All students must take academic writing.

- It is possible for the W requirement to be fulfilled by courses in content areas 1, 2 or 4.
- Students who have not fulfilled the University of Connecticut General Education Requirements (GER) before entering the professional program must complete those courses prior to the end of their second professional year in order to be awarded the B.S. in Pharmacy Studies.
- * Any 1000-level sociology, psychology, or anthropology course from Content Area 2
- # These courses need not be taken in the semester indicated, but must be completed during the first two years.
- + CHEM 1124Q, CHEM 1125Q, and CHEM 1126Q as a sequence may be substituted for the CHEM 1127Q and CHEM 1128Q sequence.

Pharmacy Studies Degree Program

Students are admitted to the Pharmacy Studies degree program after the completing the pre-pharmacy requirements. Upon successful completion of two years in the professional program (73 credits), a B.S. in Pharmacy Studies is awarded with a minimum of 137 credits.

First Professional Year - Fall Semester - 19 credits

PHRX 3000	Cellular Biology	2 cr
PHRX 3002	Foundations in Bioorganic Chemistry	3 cr
PHRX 3006	Drug Information I	1 cr
PHRX 3008	Pharmacy Communications	3 cr
PHRX 3009	Principles of Drug Action	3 cr
PHRX 3020	Pharmacy Practice Experience I (PPE)	1 cr
PHRX 3030	Pharmacokinetics/Biopharmaceutics	3 cr
PHRX 3050	Public Health & Healthcare Policy	3 cr

First Professional Year - Spring Semester - 18 credits

PHRX 3001	Immunology	2 cr
PHRX 3003	Nutrition	2 cr
PHRX 3007	Drug Information II	2 cr
PHRX 3011	Correlated Pharmacy Problem Solving (CPPS)	1 cr
PHRX 3021	PPE II	2 cr
PHRX 3031	Foundations in Pharmaceutics I	4 cr
PHRX 3032	Dosage Forms Preparation Laboratory	1 cr
PHRX 3040	Neurology Module	4 cr

Second Professional Year - Fall Semester - 18 credits

PHRX 4010	CPPS II	1 cr
PHRX 4020	PPE III	1 cr
PHRX 4030	Foundations in Pharmaceutics II	3 cr
PHRX 4031	Dosage Forms Preparation Laboratory II	1 cr
PHRX 4040	Psychiatry Module	5 cr
PHRX 4041	Immunology Module	2 cr
PHRX 4050	Pharmacy Practice Management	2 cr
	Professional Electives	3 cr

Second Professional Year - Spring Semester - 18 credits

PHRX 4000	Pharmacoeconomics	1 cr
PHRX 4001W	Current Topics in Pharmacy	3 cr
PHRX 4011	CPPS III	1 cr
PHRX 4021	PPE IV	2 cr
PHRX 4042	Gastroenterology Module	2 cr
PHRX 4043	Endocrine Module	3 cr
PHRX 4044	Dermatology Module	1 cr
PHRX 4051	Pharmacy Law & Ethics	2 cr
	Professional Electives	3 cr

Doctor of Pharmacy

Students must complete two additional years to earn the Doctor of Pharmacy with a total of 210 credits.

Third Professional Year - Fall Semester - 18 credits

PHRX 5010	CPPS IV	1 cr
PHRX 5020	PPE V	1 cr
PHRX 5040	Cardiovascular Module	4 cr
PHRX 5041	Renal Module	2 cr
PHRX 5042	Respiratory Module	2 cr
PHRX 5046	Clinical Toxicology	2 cr
PHRX 5047	Pharmacy Practice Laboratory	3 cr
	Professional Electives	3 cr

Third Professional Year - Spring Semester - 19 credits

PHRX 5011	CPPS V	1 cr
PHRX 5021	PPE VI	2 cr
PHRX 5043	Infectious Disease Module	4 cr
PHRX 5044	Hematology/Oncology Module	3 cr
PHRX 5045	Special Populations	4 cr
PHRX 5048	Patient Assessment	2 cr
	Professional Electives	3 cr

ELIGIBILITY FOR CONTINUED STUDY IN THE 4TH PROFESSIONAL YEAR

To be eligible for the fourth professional year courses, students must have completed the B.S. in Pharmacy Studies and the third professional year of the Pharm.D. Program.

The required Professional Experiences are one month each for a total of 36 credits (1 credit = 40 hours).

Fourth Professional Year - Professional Experience Required One Month Each - 16 credits

PHRX 5100	Community Pharmacy	4 cr
PHRX 5101	Institutional Pharmacy I	4 cr
PHRX 5102	Ambulatory Care Pharmacy	4 cr
PHRX 5103	General Medicine	4 cr

**Pediatrics or Geriatrics may be substituted for
Ambulatory Care or General Medicine**

Fourth Professional Year - Experience Electives

Choose 5 - From the Column at Right
One Month Each - 20 credits
At least two of the elective courses must
involve direct patient care (indicated by #.)

Elective rotations change on a regular basis. Please refer to the University of Connecticut Undergraduate Course Catalog for the most current offerings.

PHRX 5100	Community Pharmacy	4 cr
PHRX 5101	Institutional Pharmacy I	4 cr
PHRX 5102	Ambulatory Care Pharmacy	4 cr
PHRX 5103	General Medicine	4 cr
PHRX 5104	Cardiology#	4 cr
PHRX 5105	Infectious Disease#	4 cr
PHRX 5106	Oncology#	4 cr
PHRX 5107	Psychiatry#	4 cr
PHRX 5108	Pediatrics#	4 cr
PHRX 5109	Geriatrics#	4 cr
PHRX 5110	Community Practice II#	4 cr
PHRX 5111	Critical Care#	4 cr
PHRX 5114	Emergency Medicine	4 cr
PHRX 5115	Home Health Care	4 cr
PHRX 5116	Institutional Pharmacy II	4 cr
PHRX 5117	Industry	4 cr
PHRX 5118	Managed Care	4 cr
PHRX 5119	Nuclear Pharmacy	4 cr
PHRX 5120	Nutrition	4 cr
PHRX 5122	Skilled Care Nursing Facility	4 cr
PHRX 5123	Surgery#	4 cr
PHRX 5124	General Medicine II#	4 cr
PHRX 5125	Ambulatory Care II#	4 cr
PHRX 5126	Pharmacist-Directed Anticoag Service#	4 cr
PHRX 5128	Hospice Care#	4 cr
PHRX 5129	Sub-Acute Care & Chronic Rehab Med	4 cr
PHRX 5130	HIV#	4 cr
PHRX 5131	Public Health	4 cr
PHRX 5132	Diabetes Care#	4 cr
PHRX 5133	Clinical Toxicology	4 cr
PHRX 5134	Population Kinetics	4 cr
PHRX 5135	Investigational Drugs	4 cr
PHRX 5136	Drug Information	4 cr
PHRX 5137	Pediatrics II#	4 cr
PHRX 5138	Industry II	4 cr
PHRX 5139	Pharmacy Association	4 cr
PHRX 5140	FDA	4 cr
PHRX 5141	Oncology II#	4 cr
PHRX 5142	Diabetes Care II#	4 cr
PHRX 5143	Psychiatry II#	4 cr
PHRX 5144	Geriatrics II#	4 cr
PHRX 5145	Skilled Care Nursing Facility II	4 cr
PHRX 5146	Managed Care II	4 cr
PHRX 5147	International Pharmacy Practice	4 cr
PHRX 5148	Nephrology#	4 cr
PHRX 5149	Critical Care II#	4 cr
PHRX 5150	Pain Management#	4 cr
PHRX 5151	Management/Drug Information	4 cr
PHRX 5152	Medication Safety	4 cr
PHRX 5153	Academia	4 cr
PHRX 5154	Organ Transplantation	4 cr
PHRX 5155	International Pharmacy Practice II	4 cr
PHRX 5156	Nephrology II#	4 cr
PHRX 5157	Community Practice III	4 cr
PHRX 5158	Perioperative Surgery	4 cr
PHRX 5159	Burn Care	4 cr
PHRX 5160	Academia II	4 cr
PHRX 5161	Pharmacy Informatics	4 cr
PHRX 5162	Hospital Administration	4 cr

WHAT LIES BEYOND PHARM.D. GRADUATION?

Licensure

After earning the Doctor of Pharmacy Degree, the graduate must pass the North American Pharmacist Licensure Examination® (NAPLEX®) before they can become a licensed practicing pharmacist. The NAPLEX is a national exam that has been developed by the National Association of Boards of Pharmacy (NABP) to assess the graduate's competence to practice pharmacy. Graduates from the University of Connecticut Doctor of Pharmacy Program have a very high first-time pass rate of approximately 98%.

In addition to national licensure, pharmacists need to be certified in the state in which they practice. Although every state varies in their requirements for certification, (check with the NABP at www.NABP.net for your state's requirements) many states, like Connecticut, require the Multistate Pharmacy Jurisprudence Examination® (MPJE®). The MPJE combines federal and state-specific law questions to serve as the state law examination. Graduates from the University of Connecticut Doctor of Pharmacy Program have a very high first-time pass rate at about 96%

Areas of Pharmacy Practice

Career opportunities in pharmacy extend far beyond the community pharmacy counter. Opportunities are available in such varied areas as:

- Hospital Emergency Room
- Home Care / Hospice
- Assurance
- Military / Public Health
- Veterinary Pharmacy
- Consulting Pharmacy
- Biopharmaceutical Research – (genetic research to develop more effective medication with fewer side-effects)
- Clinical
- Med Van
- Poison Control
- Academia
- Nuclear Pharmacy
- Government

For more information on careers in pharmacy, visit www.aacp.org.



Specialization

Many graduates continue their education by applying for a **residency** – Doctor of Pharmacy (Pharm.D.) postgraduate training that typically lasts 12 months or longer and leads to the specialization in an area of pharmacy practice. Residencies can include study in a variety of areas including geriatrics, community practice, pediatrics, critical care, forensics, oncology, etc.

By meeting academic and experiential qualifications outlined on the Board of Pharmaceutical Specialties website www.bpsweb.org/home.html, Doctors of Pharmacy can become **board-certified** in one of the six following specialty areas:

- **Ambulatory Care:** direct patient care, which, places an emphasis on building relationships through integrated and accessible healthcare within the context of community and family practice
- **Nuclear Pharmacy:** compound radioactive pharmaceuticals for diagnostic purposes
- **Pharmaco Therapy:** responsibilities include ensuring the safe, economical, and appropriate use of drugs for patients
- **Nutrition Support Pharmacy:** providing diet and medication for patients with special needs
- **Oncological Pharmacy:** Chemotherapy and related cancer treatments
- **Psychiatric Pharmacy:** monitoring medicinal treatments as they relate to various complex mental conditions

Typical UConn Graduates

A sample profile of one of our graduating classes: The majority, about 65%, of UConn School of Pharmacy graduates go directly into community pharmacy practice. About 20% seek employment at a hospital. The remaining 15% pursue further specialization in residency or other programs.

For more information contact:

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Admission criteria, application deadlines, and other program information is subject to change. For the most current information, visit us online at: www.pharmacy.uconn.edu