

# APPLIED DRUG DEVELOPMENT, CAPSTONE CERTIFICATE

The School of Pharmacy offers an online Applied Drug Development Capstone Certificate.

The Applied Drug Development Capstone Certificate is designed to produce individuals, both inside and outside of Wisconsin, skilled in the basic conceptual and methodological underpinnings of drug development and able to make valuable contributions in real-world drug development problem solving. Applied Drug Development Certificate students will acquire basic skills needed to work as valued members of a drug development team.

The course package will provide foundational competency in regulatory practice, the drug development process, and pharmaceutical project management; consisting of 4 core courses. These core courses include introductory courses covering fundamentals in regulatory agencies, working in a regulated environment, a comprehensive study of the drug development process, and pharmaceutical economics and project management.

## HOW TO GET IN

### ADMISSIONS

Applications are accepted for terms fall and spring.

Fall Deadline: July 31

Spring Deadline: October 31

Applicants must possess the following:

- Earned bachelor's degree or equivalent or currently enrolled in PharmD program
- Recommended cumulative GPA  $\geq$  3.0 (on 4.0 scale). Graduate Record Examination (GRE) scores are not required
- Submit official post secondary student transcripts
- Submit a maximum one-page statement of interest: Why are you interested in Applied Drug Development and what do you aim to get out of the program?
- Non-native English speakers submit a Test of English as a Foreign Language (TOEFL) score of 92 (Internet version) or better

#### Application steps

Adult Career and Special Student Services (ACSSS) is the admitting office for all University Special students. However, the Pharmaceutical Sciences Division at the School of Pharmacy makes the final admission decision upon review of all applicant materials.

A complete application includes the following information:

1. An online application for admission (<http://continuingstudies.wisc.edu/advising/apply.htm>) as a University Special student, selecting UNCS Capstone Certificate and the program: Applied Drug Development. This application is received and

processed by ACSSS with final decision held for approval from the School of Pharmacy.

2. Submit the following materials to the graduate student services coordinator for the School of Pharmacy at [gradadmissions@pharmacy.wisc.edu](mailto:gradadmissions@pharmacy.wisc.edu) or by mailing them to the address below.
  - a. Official transcripts from all colleges/ universities attended
3. Brief essay describing your reasons for applying and your career goal

Mailing address for transcripts:

Division of Pharmacy Professional Development  
777 Highland Avenue  
Madison, WI 53705

## REQUIREMENTS

### PROGRAM REQUIREMENTS

- Must maintain a minimum GPA of 2.000
- A letter grade of C or better must be earned in each course

#### Required Coursework (12 credits)

Code	Title	Credits
PHM SCI 750	The Drug Development Process	3
PHM SCI 751	Introduction to Regulatory Practice	3
PHM SCI 752	GxP (Good Practice): Working in a Regulated Environment	3
PHM SCI 753	Pharmaceutical Economics and Project Management	3
Total Credits		12

## LEARNING OUTCOMES

1. Demonstrate critical knowledge and in-depth understanding of principles in pharmaceutical sciences and in the student's area of expertise.
2. Identify important research questions, formulate testable hypotheses, and design experiments to test those hypotheses.
3. Communicate scientific knowledge and research results effectively to a range of audiences.