

# Graduate Certificate: Basic Pharmaceutical Development

---

## SCHOOL OF PHARMACY

Learn more about the graduate certificate in Basic Pharmaceutical Development.

### About the Certificate

Professionals with business or other non-science degrees may want to enter or advance their careers in the pharmaceutical industry but need specialized training in its terminology, concepts and regulatory environment. Whether just entering the workforce or looking for ways to advance in a global corporation, they can benefit from a deeper understanding of how pharmaceutical products are discovered, manufactured and distributed, as well as a greater familiarity with the multitude of federal and international regulations governing every aspect of product quality.

The graduate certificate in Basic Pharmaceutical Development combines a general overview of the drug development process with pharmaceutical industry business practices. This certificate enables students to explore quality assurance and regulatory affairs as a prospective career path without committing to a master's degree. Students are exposed to the specialized language of the industry, the overriding concern for imbuing quality in the industry, and the regulations that directly impact industry business decisions.

**Time Limit for Certificate Completion:** 3 years

**Campus Location:** Online and Fort Washington

**Full-Time/Part-Time Status:** The certificate may be completed on a part-time basis. NOTE: International students may not be eligible to apply for a student visa based on admission to the certificate program. Please contact the School of Pharmacy's program coordinator for more information.

**Non-Matriculated Student Policy:** Non-matriculated students may take up to 9 credits of coursework before applying to the certificate program.

### Admission Requirements and Deadlines

#### Application Deadline:

*Fall and Spring* admissions are on a rolling basis. Interested students should contact the School of Pharmacy for permission to enroll in coursework.

*APPLY HERE* to the *post-baccalaureate certificate program*.

**Bachelor's Degree in Discipline/Related Discipline:** Applicants must hold a bachelor's degree from an accredited institution of higher learning. A science degree is not mandatory.

### Certificate Requirements

*Number of Credits Required to Complete the Certificate:* 12

*Required Courses:*

Code	Title	Credit Hours
<b>Core Courses</b>		
QARA 5459	Drug Development	3
QARA 5472	Pharmaceutical Marketing	3
<b>Electives</b>		
Select two from the following:		6
QARA 5408	Pharmacoeconomics	
QARA 5495	Investigational New Drug/New Drug Application Submissions	
QARA 5533	Requirements for Product Labeling and Advertising	
QARA 5592	Food and Drug Law	
QARA 5615	Project Management for Pharmaceutical Professionals	

**Total Credit Hours**

**12**

**GPA Required to be Awarded the Certificate:** 3.0 minimum

## **Contacts**

### **Certificate Program Web Address:**

<https://www.temple.edu/academics/degree-programs/basic-pharmaceutical-development-certificate-graduate-ph-bpd-grad>

### **Department Information:**

Regulatory Affairs and Quality Assurance Graduate Program  
425 Commerce Drive, Suite 175  
Fort Washington, PA 19034-2728  
qara@temple.edu  
267-468-8560

### **Mailing Address for Application Materials:**

Temple University  
Regulatory Affairs and Quality Assurance Graduate Program  
425 Commerce Drive, Suite 175  
Fort Washington, PA 19034-2728

### **Department Contacts:**

*Admissions:*  
Wendy Lebing, MALD, MS  
Assistant Dean  
qara@temple.edu  
267-468-8560