

The University of Iowa College of Pharmacy
Enrollment Questionnaire
Undergraduate Certificate in Drug Delivery

Students possess a minimum cumulative GPA of 3.0, and earn minimum grade of B- in all prerequisite course work. Students requesting admission to the program who do not meet these requirements should contact the COP Associate Dean for Undergraduate Education (maureen-donovan@uiowa.edu) to discuss admission to the certificate program. Prerequisite coursework credit hours do not count towards credit in the certificate. Students must maintain a minimum GPA of 2.5 in all coursework for the certificate.

Name: _____ Student ID: _____
 Last (family) First Middle
 Email Address: _____ Daytime Telephone: _____
 Current Major: _____
 Academic Advisor: _____

Postsecondary Degrees Received or Anticipated

Institution	Location of Institution	Degree Earned/Anticipated	Degree Conferral Date	Hours Earned

Completed Prerequisite Courses toward Certificate

Course #	Course Title	Semester Completed	S.H.

No more than 6 s.h. of coursework may be used from required courses for another major, minor, or certificate to satisfy certificate requirements.

Applicant Signature: _____ Date: _____

Departmental Action *(to be completed by the College of Pharmacy Office of Undergraduate Education)*

Approved: Denied:

College of Pharmacy Office of Undergraduate Education: _____ Date: _____

Enrollment Questionnaire for the College of Pharmacy Undergraduate Certificate in Drug Delivery – (continued)

Prerequisite Courses

(credit not counted toward certificate)

Course Number	Course Name	SH
BIOC:3110 BIOC:3120	Biochemistry OR Biochemistry and Molecular Biology I	3
BIOL:1411	Foundations of Biology	4
CHEM:2210	Organic Chemistry I OR	3
CHEM:2230	Organic Chemistry I for Majors	
CHEM:2220	Organic Chemistry II OR	3
CHEM:2240	Organic Chemistry II for Majors	
CHEM:2410	Organic Chemistry Laboratory	3
HHP:3500	Human Physiology	3
MATH:1460	Calculus for the Biological Sciences OR	4
MATH:1380	Calculus and Matrix Algebra for Business OR	
MATH:1550	Engineer Math I Single Variable Calculus OR	
MATH:1850	Calculus I	
HHP:4480	Introduction to Human Pharmacology OR	2
PCOL:2120	Drugs: Their Nature, Action and Use OR	3
PCOL:4130	Drug Mechanisms and Actions	3
STAT:3510	Biostatistics OR	3
STAT:2010	Statistical Methods and Computing	3

Required Courses

Course Number	Course Name	Semester Offered	SH
PHAR:1100	Introduction to Pharmaceutical Sciences: Drug Development OR	Fall	2
PHAR:1111	Need A New Drug?	Fall & Spring	1
PHAR:4146	Drug Disposition and Pharmacokinetics	Spring	2
PHAR:4700	Pharmaceutical Chemical Analysis OR		4
PHAR:4130	Bioanalytical Techniques		2
PHAR:4736	Properties of Dosage Forms I	Fall	2
PHAR:4737	Properties of Dosage Forms II	Spring	2
PHAR:4740	Materials in Drug and Gene Delivery	Fall (odd years)	3
PHAR:4745	Drug Delivery I	Spring (even years)	3
PHAR:4800	Chemical and Biophysical Properties of Drugs	Spring	1
			16-19

Return Completed Application via Mail or Email to:

Office of Undergraduate Education
 127-D PHAR
 115 S Grand Ave.
 Iowa City, IA 52242-1112
pharmacy-undergrad@uiowa.edu
(319) 335-9112