

## Year 1

### Fall

### Spring

<i>Course</i>	<i>Credits</i>	<i>Course</i>	<i>Credits</i>
Principles of Human Anatomy	3	Drug Chemistry and Biotechnology	3
Fundamentals of Physiology	5	Biochemical Pharmacology	4
Drug Delivery	5	Pharmacy Practice and Management 2	4
Pharmacy Practice and Management 1	4	Self-Care	3
Preparation of Pharmaceutical Products	2	Biopharmaceutics and Pharmacogenomics	4
		Foundational Pharmacy Skills	1
<b>Total Credits</b>	<b>19</b>	<b>Total Credits</b>	<b>19</b>

### Year 1, Early Summer

Introductory Community Rotation (4 weeks)     **4 credit hours**

## Year 2

### Fall

### Spring

<i>Course</i>	<i>Credits</i>	<i>Course</i>	<i>Credits</i>
Pulmonology	3	Endocrinology	3
Cardiology	5	Immunology	3
Nephrology	2	Rheumatology/Pain	2
Service Learning Practice Experience 1	1	Service Learning Practice Experience 2	1
Pharmacy Practice and Management 3	3	Pharmacy Practice and Management 4	3
Evidence-Based Practice	3	Research in the Pharmaceutical Sciences	3
Electives	2-3	Electives	2-3
<b>Total Credits</b>	<b>19-20</b>	<b>Total Credits</b>	<b>17-18</b>

### Year 2, Early Summer

Introductory Institutional Rotation (2 weeks)     **2 credit hours**

## Year 3

Fall		Spring	
<i>Course</i>	<i>Credits</i>	<i>Course</i>	<i>Credits</i>
Gastroenterology/Nutrition	3	Hematology/Oncology	4
Infectious Diseases	3	Special Populations	3
Neurology/Psychiatry	4	Comprehensive Assessment of Practice	3
Pharmacy Practice and Management 5	3	Pharmacy Law and Ethics	3
Acute Care Pharmacy Practice Experience*	2	Ambulatory Care Pharmacy Practice Experience*	2
Electives	2-3	Electives	2-3
<b>Total Credits</b>	<b>17-18</b>	<b>Total Credits</b>	<b>17-18</b>

\*In the Fall half of the class will complete Acute Care Pharmacy Practice Experience and the other half will complete Ambulatory Care Pharmacy Practice Experience. Then each group completes the other course in the Spring.

## Year 4

Fall		Spring	
<i>Course</i>	<i>Credits</i>	<i>Course</i>	<i>Credits</i>
Current Topics in Pharmacy	1	Current Topics in Pharmacy	1

### Advanced Pharmacy Practice Experiences (APPEs)

Student pharmacists complete eight five-week advanced pharmacy practice experiences (APPEs) beginning in the summer following the third year. Student pharmacists will have experiences in acute care, ambulatory care, community pharmacy, institutional pharmacy, as well as elective options. (5 credits per rotation = 40 credit hours for the year).

### Professional Development Electives

Eight hours of professionally-related electives are required to be completed during the second and third professional year. Professional development electives can be selected from a list of approved courses. Students can also choose to participate in one of our pathway programs, where electives and one or more APPE rotations are concentrated in a pathway.

- Research Area of Emphasis
- Clinical Pharmacy Area of Emphasis
- Dual PharmD/MBA Degree Program
- Graduate Certificate in Geriatrics
- Global Health Area of Emphasis (coming soon!)
- College Teaching Area of Emphasis (coming soon!)