

# PHARMACY

## Four Year Plans

### Pre-Pharmacy

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
INTG 105	College Success	1
INTG 100	Foundations	4
Language 111		4
BIOL 101	Foundations of Biology	4
CHEM 125	Introduction to Chemical Structure and Properties	4
CHEM 201	Purification and Separation Lab I	1
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
Language 112		4
Cultural/Social Difference - Identity		4
BIOL 201	Intermediate Cell Biology and Genetics	4
CHEM 250	Reactions of Nucleophiles and Electrophiles (Reactivity 1)	4
CHEM 202	Purification and Chromatography Lab II	1
<b>Hours</b>		<b>17</b>
<b>Second Year</b>		
<b>Fall</b>		
Language 211		4
THEO 100	Theological Explorations	4
PHYS 105	Physics for the Life Sciences I	4
CHEM 251	Intermediate Reactions of Nucleophiles and Electrophiles (Reactivity 2)	4
CHEM 203	Synthesis Lab	1
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
CHEM 255	Macroscopic Chemical Analysis	4
CHEM 205	Chemical Measurement Lab	1
PHYS 106	Physics for the Life Sciences II	4
MATH 124	Probability and Statistical Inference	4
Social World		4
<b>Hours</b>		<b>17</b>
<b>Third Year</b>		
<b>Fall</b>		
BIOL 307	Biology of Microorganisms	4
BIOL 325	Human Anatomy and Physiology I	4
Artistic Expression		4
<b>Hours</b>		<b>12</b>
<b>Spring</b>		
BIOL 326	Human Anatomy and Physiology II	4
MATH 119	Calculus I	4
Human Experience		4
<b>Hours</b>		<b>12</b>
<b>Fourth Year</b>		
<b>Fall</b>		
Theological Integrations		4
COMM		4
Cultural/Social Difference - Systems		4
<b>Hours</b>		<b>12</b>
<b>Spring</b>		
INTG 300	Learning Integrations	4

ENGL 311	Creative Nonfiction	4
<b>Hours</b>		<b>8</b>
<b>Total Hours</b>		<b>113</b>

### Pre-Pharmacy with Study Abroad

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
INTG 105	College Success	1
INTG 100	Foundations	4
Language 111		4
BIOL 101	Foundations of Biology	4
CHEM 125	Introduction to Chemical Structure and Properties	4
CHEM 201	Purification and Separation Lab I	1
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
Language 112		4
Cultural/Social Difference - Identity		4
BIOL 201	Intermediate Cell Biology and Genetics	4
CHEM 250	Reactions of Nucleophiles and Electrophiles (Reactivity 1)	4
CHEM 202	Purification and Chromatography Lab II	1
<b>Hours</b>		<b>17</b>
<b>Second Year</b>		
<b>Fall</b>		
Language 211		4
THEO 100	Theological Explorations	4
PHYS 105	Physics for the Life Sciences I	4
CHEM 251	Intermediate Reactions of Nucleophiles and Electrophiles (Reactivity 2)	4
CHEM 203	Synthesis Lab	1
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
CHEM 255	Macroscopic Chemical Analysis	4
CHEM 205	Chemical Measurement Lab	1
PHYS 106	Physics for the Life Sciences II	4
MATH 124	Probability and Statistical Inference	4
Social World		4
<b>Hours</b>		<b>17</b>
<b>Third Year</b>		
<b>Fall</b>		
BIOL 307	Biology of Microorganisms	4
MATH 119	Calculus I	4
Artistic Expression		4
<b>Hours</b>		<b>12</b>
<b>Spring</b>		
Study Abroad		
Global Engagement		4
Experiential Engagement		4
Cultural/Social Difference - Systems		4
Human Experience		4
<b>Hours</b>		<b>16</b>
<b>Fourth Year</b>		
<b>Fall</b>		
Theological Integrations		4
COMM		4
BIOL 325	Human Anatomy and Physiology I	4
<b>Hours</b>		<b>12</b>
<b>Spring</b>		
INTG 300	Learning Integrations	4
ENGL 311	Creative Nonfiction	4

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BIOL 326	Human Anatomy and Physiology II	4
	<b>Hours</b>	<b>12</b>
	<b>Total Hours</b>	<b>121</b>