

# VETERINARY MEDICINE

## Four Year Plans

### Pre-Veterinary Medicine with Biology Major with Study Abroad

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
INTG 105	College Success	1
INTG 100	Learning Foundations (LF)	4
Cultural/Social Difference - Identity		4
BIOL 100	Principles of Biology 1: Fundamentals of Living Things	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 111		4
THEO 100	Theological Explorations (TE)	4
BIOL 200	Principles of Biology 2: Biological Response to Challenge	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 112		4
MATH 119	Calculus I	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>		
Language 211		4
Social World (SW)		4
PHYS 106	Physics for the Life Sciences II	4
CHEM 255	Macroscopic Chemical Analysis	4
CHEM 205	Chemical Measurement Lab	1
<b>Hours</b>		<b>17</b>
<b>Third Year</b>		
<b>Fall</b>		
BIOL 317	Biochemistry	4
BIOL 323	Animal Physiology	4
MATH 124	Probability and Statistical Inference	4
Artistic Expression (AE)		4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
Study Abroad		
Global Engagement (GL)		4
Experiential Engagement (EX)		4
Cultural/Social Difference - Systems (CS)		4
Human Experience (HE)		4
<b>Hours</b>		<b>16</b>
<b>Fourth Year</b>		
<b>Fall</b>		
Theological Integrations (TI)		
BIOL 307	Biology of Microorganisms	4
Complete any remaining requirements for major/minor or Integrations Curriculum		8
<b>Hours</b>		<b>16</b>

<b>Spring</b>		
INTG 300	Learning Integrations	4
BIOL 316	General Genetics	4
BIOL 3@@		4
BIOL 380 Capstone		2
Complete any remaining requirements for major/minor or Integrations Curriculum		4
<b>Hours</b>		<b>18</b>
<b>Total Hours</b>		<b>135</b>

### Pre-Veterinary Medicine with Study Abroad - No Major Included

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
INTG 105	College Success	1
INTG 100	Learning Foundations (LF)	4
Cultural/Social Difference - Identity (CI)		4
BIOL 100	Principles of Biology 1: Fundamentals of Living Things	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 111		4
THEO 100	Theological Explorations (TE)	4
BIOL 200	Principles of Biology 2: Biological Response to Challenge	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 112		4
MATH 119	Calculus I	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>		
Language 211		4
Social World (SW)		4
PHYS 106	Physics for the Life Sciences II	4
CHEM 255	Macroscopic Chemical Analysis	4
CHEM 205	Chemical Measurement Lab	1
<b>Hours</b>		<b>17</b>
<b>Third Year</b>		
<b>Fall</b>		
BIOL 317	Biochemistry	4
BIOL 323	Animal Physiology	4
MATH 124	Probability and Statistical Inference	4
Artistic Expression (AE)		4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
Study Abroad		
Global Engagement (GL)		4
Experiential Engagement (EX)		4
Cultural/Social Difference - Systems (CS)		4
Human Experience (HE)		4
<b>Hours</b>		<b>16</b>

2 Veterinary Medicine

**Fourth Year**

**Fall**

Theological Integrations (TI)	4
BIOL 307      Biology of Microorganisms	4
Complete any remaining requirements for major/minor or Integrations Curriculum	8
<b>Hours</b>	<b>16</b>

**Spring**

INTG 300      Learning Integrations	4
BIOL 316      General Genetics	4
Complete any remaining requirements for major/minor or Integrations Curriculum	8
<b>Hours</b>	<b>16</b>
<b>Total Hours</b>	<b>133</b>