

# Organismal Biology — Pre-Veterinary Medicine Option (VIBO)

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## Freshman

Fall	Hours	Spring	Hours
<b>BIOL 1020 Principles of Biology</b>		<b>3 BIOL 1030 Organismal Biology</b>	<b>3</b>
<b>BIOL 1021 Principles of Biology Laboratory</b>		<b>1 BIOL 1031 Organismal Biology Laboratory</b>	<b>1</b>
MATH 1610 Calculus I		4 ENGL 1120 English Composition II	3
ENGL 1100 English Composition I		3 CHEM 1040 Fundamental Chemistry II	3
CHEM 1030 Fundamentals Chemistry I		3 CHEM 1041 Fundamental Chemistry II Laboratory	1
CHEM 1031 Fundamental Chemistry I Laboratory		1 Core History	3
BIOL 2100 Professional Development		1	
	<b>16</b>		<b>14</b>

## Sophomore

Fall	Hours	Spring	Hours
Core Literature		3 Core History or Literature <sup>1</sup>	3
Core Social Science <sup>2</sup>		3 CHEM 2080 Organic Chemistry II	3
CHEM 2070 Organic Chemistry I		3 CHEM 2081 Organic Chemistry II Laboratory	1
CHEM 2071 Organic Chemistry I Laboratory		1 <b>BIOL 3030 Evolution and Systematics</b>	<b>3</b>
<b>BIOL 3060 Ecology</b>		<b>4 BIOL 3000 Genetics</b>	<b>3</b>
	<b>14</b>		<b>13</b>

## Junior

Fall	Hours	Spring	Hours
<b>Select 4 Credit hours of the following:</b>		<b>4 BIOL 4100 Cell Biology</b>	<b>3</b>
<b>BIOL 3100 Plant Biology</b>		PHYS 1510 General Physics II	4
<b>BIOL 3200 General Microbiology &amp; BIOL 3201 General Microbiology Laboratory</b>		ANSC 3400 Animal Nutrition	4
<b>BIOL 4010 Invertebrate Biodiversity</b>		Core Social Science <sup>2</sup>	3
<b>BIOL 4020 Vertebrate Biodiversity</b>		COMM 1000 Public Speaking	3
<b>BIOL 4950 Senior Seminar</b>	<b>1</b>		
Core Social Science or Humanities <sup>3</sup>	3		
Core Fine Arts	3		
PHYS 1500 General Physics I	4		
BCHE 5180 Biochemistry I	3		

Students who complete the above 6 semesters and successfully complete the first year of veterinary school may be awarded a BS in Organismal Biology. In the event the first year Veterinary College alternative is not followed, the indicated senior year courses must be successfully completed to receive the BS in Organismal Biology.

		18			17
<b>Senior</b>					
<b>Fall</b>	<b>Hours</b>	<b>Spring</b>		<b>Hours</b>	
<b>Biology Elective</b>		<b>4</b>	<b>Biology Elective</b>		<b>5</b>
<b>Eco/Evo/Diversity Electives</b>		<b>5</b>	<b>Cell/Mol/Micro Elective</b>		<b>3</b>
<b>Cell/Mol/Micro/ Electives</b>		<b>4</b>	<b>Physiology Elective</b>		<b>4</b>
BCHE 5181 Biochemistry I Laboratory		1	UNIV 4AA0 Achieve the Creed <sup>4</sup>		0
BIOL 4AA0 Professional Development II		0	BCHE 5190 Biochemistry II		3
			BCHE 5191 Biochemistry II Laboratory		1
		<b>14</b>			<b>16</b>
<b>Total Hours: 122</b>					

- <sup>1</sup> Students must complete a two-course sequence in either HIST or LIT (for example, World History 1 and 2 or American Lit 1 and 2). For complete HIST and LIT sequence options, see the *Bulletin*.
- <sup>2</sup> Students who choose a HIST sequence other than HIST 1010 and HIST 1020 should talk to an advisor about CORE SOC SCI choices.
- <sup>3</sup> If a LIT sequence is chosen, this course must be a CORE SOC SCI. If a HIST sequence is chosen, this course must be a CORE HUMANITIES.
- <sup>4</sup> This course must be taken the semester of graduation.