

**PRE-VETERINARY AND ANIMAL SCIENCE OPTION – X031**  
**A.S. in Veterinary & Animal Science**

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COURSE TITLE	COURSE NUMBER	PREREQUISITES	CREDITS	SEMESTER TAKEN	GRADE
<b>GENERAL EDUCATION REQUIREMENTS</b>			<b>20</b>		
Language and Literature I	ENG 101	Appropriate score on Placement Tests, or C- or better in ENG 097 and ENG 098, or C- or better in ENG 096 or ENG 099	3		
Language and Literature II	ENG 102	ENG 101	3		
Introduction to Cell Functions or Biology Today I	BIO 100 BIO 103	Credit cannot be received for more than one of these - BIO 100, 103	4		
Biology Today II	BIO 104	BIO 100 or 103	4		
Social Sciences (B)			3		
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<b>PROGRAM REQUIREMENTS</b>			<b>40</b>		
Inorganic Chemistry I (Fall)	CHM 121	High School Algebra I or equivalent. High School Chemistry recommended.	4		
Inorganic Chemistry II (Spring)	CHM 124	CHM 113 or CHM 121	4		
Organic Chemistry I (Fall)	CHM 221	CHM 124, 114, or 102 with permission of instructor	4		
Organic Chemistry II (Spring)	CHM 222	CHM 221 or one previous semester of organic chemistry	4		
Microbiology	BIO 229	A grade of C or better in BIO 100 or 103, or a grade of C- or better in VET 133	4		
Genetics	BIO 243	A grade of C or better in one of the following: BIO 100, 103, 110, 229 or 120	4		
College Algebra or Precalculus or Calculus I	MTH 104 MTH 108 MTH 113	MTH 097 with a grade of C- or better or adequate score on the Mathematics Placement Examination  MTH 108 or adequate score on the Mathematics Placement Exam	4		
Humanities Electives (C)			3		
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Humanities Electives (C)			3		
Social Science Elective (B)			3		
<b>Total Credits</b>			<b>60</b>		

**PROGRAM OVERVIEW**  
Satisfies the first two years of the animal science or pre-veterinary curriculum of a four-year institution. This Option is for students planning to become Doctors of Veterinary Medicine or working toward a degree in Animal Science. Effective in the Fall 2008 semester, all students must achieve a minimum grade of "C" in all VET and BIO prefix courses in order to remain in and graduate from this curriculum. Students are advised to check the requirements of the veterinary college(s) they are considering as requirements vary and can change

**NOTE:**

This program qualifies for MassTransfer, which guarantees credit transfer to Massachusetts state colleges universities. MassTransfer also will grant students automatic acceptance to certain state colleges and universities by achieving the minimum grade point average and the HCC degree.