

# Department of Animal Science



University of Connecticut

## ANIMAL SCIENCE UNDERGRADUATE OPTIONS

Please note: Each of these options represents just an **EXAMPLE** of the sequence of courses students can use as a guide when formulating their class schedules. Students are strongly encouraged to work with their advisors to individualize their own program. **Freshmen** entering the Fall semester should consult the undergraduate catalog to review changes in requirements.

### I. PREVET/PREGRAD OPTION IN ANIMAL SCIENCE

Semester	Course	Title	Credits	Semester Total	
First	ANSC 1001	Introduction to Animal Science	3	15-16	
	BIOL 1107	Principles of Biology I	4		
	*ENGL 1010	Seminar in Academic Writing	4		
	or	*ENGL 1011	Seminar in Writing Through Literature		4
	MATH 1120Q	Introductory Calculus I	4		
	or	MATH 1131Q	Calculus I		4
	or	MATH 1060Q	Algebra and Trigonometry		3
Second	INTD 1800	First Year Experience/University Learning Skills	1	16	
	or	INTD 1820	First Year Experience/Faculty/Student Seminar		1
	BIOL 1108	Principles of Biology II	4		
	CHEM 1127Q	General Chemistry	4		
	*ENG 1010	Seminar in Academic Writing	4		
	or	*ENG 1011	Seminar in Writing Through Literature		4
	MATH 1120Q	Introductory Calculus I	4		
or	MATH 1121Q	Introductory Calculus II	4		
or	MATH 1132Q	Calculus II	4		
or	MATH 1060Q	Algebra and Trigonometry	3		
Third	CHEM 1128Q	General Chemistry	4	14-18	
	PVS 2100	Anatomy and Physiology of Animals	4		
	or	ANSC 3121	Principles of Animal Genetics		3
	ANSC 2111	Principles of Nutrition and Feeding of Animals	3		
	or	MATH 1121Q	Introductory Calculus II		4
or	MATH 1132Q	Calculus II	4		
Fourth		General Education Requirement	3	12-14	
	CHEM 2443	Organic Chemistry I	3		
	ANSC 3122	Reproductive Physiology	3		
Fifth		General Education Requirements	6-8	16-18	
	ANSC 3121	Principles of Animal Genetics	3		
	CHEM 2444	Organic Chemistry II	3		
	MCB 2000	Biochemistry	4		
	or	MCB 3010	Biochemistry		5
		General Education Requirement	3		
	**ANSC 3343	Animal Food Products - Group C Requirement	3		
	**ANSC 3344W	Scientific Writing in Animal Food Products	1		
	or	ANSC 3323	Animal Embryology and Biotechnology		3
		Animal Science Group B Requirement	3-4		
Sixth	**ANSC 3313	Growth Biology and Metabolism of Domestic Livestock - Group C Requirement	3		
	**ANSC 3314W	Scientific Writing in Growth Biology and Metabolism of Domestic Livestock	1		
	CHEM 2445	Organic Laboratory	3		

	MCB 2610	Fundamentals of Microbiology	4	
	ANSC 3194	Seminar	1	
		General Education Requirement	3	
or		Animal Science Group B or C Requirement	3	17
Seventh	MCB 2000	Biochemistry	4	
or	MCB 3010	Biochemistry	5	
or		Animal Science Group B or C Requirements	3-6	
	MCB 2610	Fundamentals of Microbiology	4	
	PHYS 1201Q	General Physics	4	
		General Education Requirements	3-6	15-17
Eighth	PHYS 1202Q	General Physics	4	
	ANSC	or other electives	6-9	
		General Education Requirements	6-9	16-17

\*Students are required to take only **one** semester of ENGL 1010 or 1011

\*\*Students must register for the 3 credit course that is taught concurrently with the 1 credit “W” course in the same semester.