



## V. FOOD SCIENCE OPTION IN ANIMAL SCIENCE

Sem	Course	Title	Credits	Semester Total
First	ANSC 1001	Introduction to Animal Science	3	15
	CHEM 1127Q	General Chemistry	4	
	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	3	
	or MATH 1060Q	Pre-Calculus	3	
or INTD 1800	First Year Experience/University Learning Skills	1		
or INTD 1820	First Year Experience/Faculty/Student Seminar	1		
Second				
Second	BIOL 1108	Principles of Biology II	4	15-16
	CHEM 1128Q	General Chemistry	4	
	*ENGL 1010	Seminar in Academic Writing	4	
	or *ENGL 1011	Seminar in Writing Through Literature	4	
	MATH 1120Q	Introductory Calculus I	3	
	or MATH 1060Q	Pre-Calculus	3	
Third				
Third or plus or	CHEM 2443	Organic Chemistry	3	17-18
	CHEM 2241	Organic Chemistry	3	
	CHEM 2242	Organic Chemistry Lab	1	
	PVS 2100	Anatomy and Physiology of Animals	4	
	ANSC 2111	Principles of Nutrition and Feeding of Animals	3	
	*ENGL 1010	Seminar in Academic Writing	4	
	or *ENGL 1011	Seminar in Writing Through Literature	4	
Fourth				
Fourth	ANSC 3122	Reproductive Physiology	3	15
	PVS 2301	Health and Disease Management of Animals	3	
	NUSC 1165	Fundamentals of Nutrition	3	
	ANSC/NUSC 1645	The Science of Food	3	
		General Education Requirement	3	
Fifth				
Fifth or	ANSC 3121	Principles of Animal Genetics	3	14-17
	ANSC 3343	Animal Food Products - Group C Requirement	3	
	ANSC 3344W	Scientific Writing in Animal Food Products	1	
	MCB 2000	Introduction to Biochemistry (or seventh semester)	4	
	or MCB 3010	Biochemistry (or seventh semester)	5	
		General Education Requirement	3	
Sixth				
Sixth	MCB 2610	Fundamentals of Microbiology	4	14-17
	STAT 1100QC	Concepts in Statistics	4	
	ANSC 3194	Seminar	1	
	NUSC 3235	Principles of Food Science	3	
		General Education Requirement	3	
	Elective	3		

Seventh	MCB 2000	Introduction to Biochemistry	4	
or	MCB 3010	Biochemistry	5	
	PHYS 1201Q	General Physics	4	
	NUSC 3233	Food Composition and Preparation	3	
		General Education Requirement	3	
		Elective	3	15-17
Eighth	PHYS 1202Q	General Physics	4	
	ANSC 4341	Food Microbiology and Safety	3	
	ANSC 4642	Food Microbiology Laboratory (even years)	1	
	COMM 1100	Principles of Public Speaking	3	
		General Education Requirement	3	
		Elective	2	16

\*Suggested electives: MCB 3635 Applied Microbiology (3); ANSC 3895 Travel Course (1)

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