



**B.S. Animal & Veterinary Sciences
Meat Science & Food Technology Option
2020-2021 Catalog**

University of Wyoming B.S. Animal & Veterinary Sciences Meat Science & Food Technology Option				cr	Min Grade	Notes
USP - University Studies Program Requirements						
USP: First Year Seminar	3					FYS
USP: Communications I ENGL 1010 College Composition and Rhetoric (Required in Major)	3	C				C1
USP: Communications II	3	C				C2
USP: Communications III (ANSC 4630 required in major)			C			C3
USP: US & Wyoming Constitutions	3					V
USP: Human Culture	3					H
	3					H
USP: Quantitative MATH 1400 College Algebra (Required in Major)	3					Q
USP: Physical & Natural World LIFE 1010 General Biology (Required in Major)	4	C				PN
CHEM 1000 Introduction to Chemistry (Required in Major)	4					PN
Credit hours subtotal:						32
Animal and Veterinary Science						
ANSC 1010 Introduction to Animal Science	4					
ANSC 3010 Comparative Anatomy and Physiology of Domestic Animals	4	C				
ANSC 3100 Principles of Animal Nutrition	3	C				
ANSC 4050 Animal Growth and Development	3					
PATB 4110 Diseases of Food Animals	3	C				
Credit hours subtotal:						17
Food Science						
FDSC 1410 Food and Our Well Being	3					
FDSC 2040 Principles of Meat Animal Evaluation	3					
FDSC 3060 Principles of Meat Science and Muscle Biology	3	C				
FDSC 3062 Carcass Fabrication	1					
FDSC 3063 Meat Processing	2					
FDSC 4090 Food Microbiology	3	C				
FDSC 4100 Laboratory Techniques in Food Microbiology	1					
FDSC 4720 Applied Food Chemistry	3	C				
FDSC 4900 Food Safety	3	C				
Credit hours subtotal:						22

Agricultural Sciences			
AGEC 1020 Principles of Microeconomics	3		
AGEC 3860 World Food, Ag, & Development	3		
MICR/MOLB 2021 General Microbiology	4		
Credit hours subtotal:			10
Additional Math and Science Courses			
Statistics, choose one:			
STAT 2050 Fundamentals of Statistics	4		
STAT 2070 Introductory Statistics for the Social Sciences			
LIFE 2022 Animal Biology	4	C	
FCSC 1141 Principles of Nutrition	3		
FDSC 3061 Livestock Slaughter Practicum	1		
Choose one:			
ANSC 2010 Domestic Animal Metabolism			
CHEM 2300 Introductory Organic Chemistry	3-4		
Credit hours subtotal:			15-16
General Electives			
Elective	35-36		Electives should work to fulfill upper division requirement.
Credit hours subtotal:			35-36

B.S. Animal & Veterinary Sciences, Meat Science & Food Technology Option
total credit total: 128

B.S. Animal & Veterinary Sciences, Meat Science & Food Technology Option Program Notes:

Students taking this option will have an excellent background for entering the meat industry. The food industry is the largest employer in this country and offers a wide variety of career opportunities.

A grade of C or better must be earned in the following courses when the courses are required in the individual Animal & Veterinary Sciences major option for completion of the degree: ANSC 3010, 3100, 4120, 4540, 4630, FDSC 3060, PATB 4110, 4111, LIFE 1010, 2022.

- The major requires students to earn a total of 128 credit hours; 42 credit hours or more must be at the 3000-level or above.
- See the "Prerequisite and MPE Cut Score Reference Chart" on the Math Placement website for the most up-to-date math placement equivalencies: <http://uwyo.edu/mathstats/math-placement>
- Students may not take a course for S/U credit to satisfy any requirement, unless the course is offered for S/U credit only.

University of Wyoming Requirements

- Students must have a minimum cumulative GPA of 2.0 to graduate.
- Students must complete 42 hours of upper division (3000-level or above) coursework, 30 of which must be from the University of Wyoming.
- Courses must be taken for a single letter grade unless offered only for S/U.
- University Studies Program (USP), Human Culture (H) and Physical & Natural World (PN) courses must be taken outside of the major subject, but can be cross-listed with the major.

College of Agriculture and Natural Resources

- At least 30 hours in the major subject must be completed with a grade of C or better (individual majors may require more).

The University of Wyoming Office of the Registrar provides final approval of degree completion requirements prior to the awarding of any degree.

