

“W” Number: _____
 Student Name: _____
 Advisor Name: _____

Catalog: 2021-2022 University of Wyoming Catalog
 Program: Animal and Veterinary Science, Meat Science
 and Food Technology Option, B.S.

Animal and Veterinary Science, Meat Science and Food Technology Option, B.S.

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.

Animal and Veterinary Science

Required Courses:

Course Name	Credits:	Term Taken	Grade	Gen Ed
ANSC1010 - Introduction to Animal Science	Credits: 4			
ANSC3010 - Comparative Anatomy and Physiology of Domestic Animals *	Credits: 4			
ANSC3100 - Principles of Animal Nutrition *	Credits: 3			
ANSC4050 - Animal Growth and Development	Credits: 3			
ANSC4630 - Topics and Issues in Animal Science * (COM3) USP Code [WC< >COM3]	Credits: 3			
PATB4110 - Diseases of Food Animals *	Credits: 3			

Food Science

Required Courses:

Course Name	Credits:	Term Taken	Grade	Gen Ed
FDSC1410 - Scientific Study of Food USP Code PN	Credits: 3			
FDSC2040 - Principles of Meat Animal Evaluation	Credits: 3			
FDSC3060 - Principles of Meat Science and Muscle Biology *	Credits: 3			
FDSC3062 - Carcass Fabrication	Credits: 2			
FDSC3063 - Meat Processing	Credits: 2			
FDSC4090 - Food Microbiology *	Credits: 3			
FDSC4100 - Laboratory Techniques in Food Microbiology	Credits: 1			
• FDSC 4720 *				
FDSC4900 - Food Safety *	Credits: 3			

Agricultural Sciences

Required Courses:

Course Name	Credits:	Term Taken	Grade	Gen Ed
AGEC1020 - Principles of Microeconomics USP Code [CS< >H]	Credits: 3			
AGEC3860 - World Food, Ag, & Development USP Code [G< >H]	Credits: 3			
MICR2021 - General Microbiology	Credits: 4			
OR				
MOLB2021 - General Microbiology	Credits: 4			

Other Math/Science Courses

Required Courses:

Course Name	Credits:	Term Taken	Grade	Gen Ed
LIFE1010 - General Biology * (PN) USP Code [SB< >PN]	Credits: 4			
LIFE2022 - Animal Biology *	Credits: 4			
CHEM1000 - Introductory Chemistry (PN) USP Code [SP< >PN]	Credits: 4			

ANSC2010 - Domestic Animal Metabolism	Credits: 3			
OR				
CHEM2300 - Introductory Organic Chemistry	Credits: 4			
MATH1400 - College Algebra USP Code [QA< >Q]	Credits: 3			
STAT2050 - Fundamentals of Statistics USP Code [QB< >Q]	Credits: 4			
OR				
STAT2070 - Introductory Statistics for the Social Sciences USP Code [QB< >Q]	Credits: 4			

Other Communication Courses

Course Name	Credits:	Term Taken	Grade	Gen Ed
ENGL1010 - College Composition and Rhetoric USP Code [WA< >COM1]	Credits: 3			
• a COM2 * course				

Other University Studies Courses

- First-Year Seminar* (FYS)
- U.S. and Wyoming Constitutions (V)

Suggested courses

Course Name	Credits:	Term Taken	Grade	Gen Ed
FDSC3061 - Livestock Slaughter Practicum	Credits: 1			
FCSC1141 - Principles of Nutrition	Credits: 3			
AGEC1010 - Principles of Macroeconomics USP Code [CS< >H]	Credits: 3			
AGEC1020 - Principles of Microeconomics USP Code [CS< >H]	Credits: 3			

Required Credits: 128

*A grade of C or better must be earned in these courses for successful completion of degree.

**Required credits: 128 total credit hours, 42 credit hours or more at the 3000-level or above.

Notes: