



<u>Course</u>	<u>Title</u>	<u>Credits</u>
<u>1st Year – Autumn Semester</u>		
ANMLTEC 1201.08T	Exploring Animal Health Careers	.5
ANIMSCI 2200.01	Introductory Animal Sciences	3
ANMLTEC 2200.02T	Introduction to Animal Sciences Laboratory	1
**CHEM 1210	General Chemistry I	5
ENGLISH 1110.01	First-Year English Composition	3
GENSTDS 1201.01T	College Orientation	.5
MATH 1148	College Algebra	<u>4</u>
		17
<u>1st Year – Spring Semester</u>		
AGRCOMM 3130	Oral Expression in Agriculture	3
*ANMLTEC 3170T	Principles of Livestock Health (3 cr)	
or †ANMLTEC 3171T	or Horse Health and Disease (3 cr)	
or †ANMLTEC 3177T	or Dairy Cattle Health Management (4 cr)	3/4
BIOLOGY 1113	Bio Sci: Energy Transfer and Development	4
CHEM 1220	General Chemistry II	<u>5</u>
		15-16
<u>2nd Year – Autumn Semester</u>		
AEDECON 2001	Principles of Food and Resource Economics	3
ANMLTEC 3140T	Animal Anatomy and Physiology	4
COMPSTD 2301	Introduction to World Literature	3
or RELSTDS 2370	or Introduction to Comparative Religion	
RURLSOC 1500	Introduction to Rural Sociology	3
*TECH ELECTIVES	Select from technical elective list	<u>2/3</u>
		15-16
<u>2nd Year – Spring Semester</u>		
ANMLTEC 3132T	Ruminant Feeds and Feeding	3
or ANMLTEC 3133T	or Practical Swine Feeding	
or ANMLTEC 3137T	or Dairy Cattle Feeding Management	
or †ANMLTEC 3131T	or Equine Feeding and Nutrition	
ANMLTEC 3150T	Livestock Genetic Improvement	3
or †ANMLTEC 3157T	or Dairy Cattle Genetic Improvement	
BIOLOGY 1114	Bio Sci: Form, Function, Diversity, and Ecology	4
MUSIC 2250	Music Cultures of the World	3
or HISTORY 1152	or American Civilization Since 1877	
*TECH ELECTIVES	Select from technical elective list	<u>3</u>
		16
	Total Credits	64

* If ANMLTEC 3170T (3 cr) or ANMLTEC 3171T (3 cr) is taken, 6 technical elective credits are required.

If ANMLTEC 3177T (4 cr) is taken, 5 technical elective credits are required.

** Chem 1210 is open to students with one unit of high school chemistry and Math Placement Level L or M; or a grade of C- or above in Math 1130, 1131, 1148, 1150 or above.

† Equine courses are not eligible to fulfill requirements for the Veterinary Early Commitment Program (VECP); pre-VECP students should take ANMLTEC 3150T and 3170T for introductory animal genetics and health, respectively.

Technical Elective List (select at least 5 to 6 credits to meet degree credit requirement of 64)

As previously noted: if ANMLTEC 3170T (3 cr) or ANMLTEC 3171T (3 cr) is taken, then 6 technical elective credits are required; if ANMLTEC 3177T (4 cr) is taken, then 5 technical elective credits are required. *Prerequisites are noted when they include another course in the elective list.*

†ANMLTEC 2201T	Introduction to Horse Science	3
ANMLTEC 2202T	Introduction to Beef and Small Ruminant Production	3
ANMLTEC 2603T	Swine Production and Management I	3
†ANMLTEC 3151T	Horse Breeding and Selection	3
	<i>Prereq: ANMLTEC 2201T</i>	
ANMLTEC 3167T	Dairy Cattle Milking and Reproductive Management	4
†ANMLTEC 3191.01T	Equine Industry Internship Experience (Instructor permission)	1-3
◊ANMLTEC 3191.02T	Beef Industry Internship (Instructor permission)	2-3
◊ANMLTEC 3191.03T	Swine Industry Internship (Instructor permission)	2-3
◊ANMLTEC 3191.04T	Small Ruminant Industry Internship (Instructor permission)	2-3
◊ANMLTEC 3191.07T	Dairy Industry Internship (Instructor permission)	2-3
ANMLTEC 3200T	Livestock Selection and Evaluation	2
ANMLTEC 3207T	Dairy Cattle Evaluation and Herd Records	2
ANMLTEC 3403T	Swine Production and Management II	4
	<i>Prereq: ANMLTEC 2603T, 3140T, 3170T</i>	
	<i>Prereq or Concur: ANMLTEC 3133T, 3150T</i>	
ANMLTEC 3407T	Dairy Cattle Facilities, Environment, & Equipment	3
	<i>Prereq: GENMATH 1040T or MATH 1050 or Math Placement Level R or higher</i>	
	<i>Prereq or Concur: ANMLTEC 3167T</i>	
AEDECON 2105	Managerial Records and Analysis	3
BUSTEC 2241T	Small Business Management	3
	<i>Prereq: AEDECON 2001 and 2105</i>	
BUSTEC 2244T	Human Resource Management and Leadership	3

A grade of C or better is required in the following technical elective options to meet graduation requirements: ANMLTEC 3191.01T, 3191.02T, 3191.03T, 3191.04T and 3191.07T.

VETERINARY EARLY COMMITMENT PROGRAM (VECP):

The VECP is designed for students desiring to enroll in the OSU College of Veterinary Medicine early commitment program through the Department of Animal Sciences, and practice food animal veterinary medicine.

- ◊ Internship in beef (3191.02), Swine (3191.03), Small Ruminant (3191.04) or Dairy (3191.07) is strongly recommended for the pre-VECP.
- † Equine classes are not eligible to fulfill requirements for the VECP.
- Students must be eligible to enroll in all first semester (1st Year – Autumn Semester) courses in order to be considered for the pre-VECP within the Animal Sciences Animal Health specialization; for example CHEM 1210, ENGLISH 1110, and Math placement level L or M.
- Pre-VECP students should take 2 specific species nutrition classes: a ruminant (ANMLTEC 3132T or 3137T) and a non-ruminant (ANMLTEC 3133T) nutrition course.
- Pre-VECP students should take ANMLTEC 3150T and 3170T as their choice for introductory animal genetics and health, respectively. ANMLTEC 3150T and 3170T broaden student awareness of multiple animal species.