

Veterinary Science Minor (2024 Catalog)

The Veterinary Sciences Minor requires a minimum of 18 units and a minimum GPA in the minor of 2.000.

NO DOUBLE DIPPING WILL BE ALLOWED FOR ELECTIVE COURSES

<u>Course Prefix</u>	<u>Course Title</u>	<u>Units</u>	<u>Semester</u>
Minor Core Courses (10 units):			
_____	MIC 205 Microbiology	3	F/S/Su
_____	and		
_____	MIC 205L Microbiology Lab	1	F/S/Su
_____	ACBS 400a Animal Anatomy and Physiology I	3	F
_____	ACBS 400b Animal Anatomy and Physiology II	3	S

Minor Elective Course List (Must take at least 8 units): **8 units must be unique to minor**

Disease-Related

_____	ACBS 317 One Health: A Microbial Prospective	3	S
_____	ACBS 380R Food Safety and Microbiology	3	F
_____	ACBS 380L Food Safety and Microbiology	1	F
_____	ACBS 403R Biology of Animal Parasites	3	F
_____	ACBS 405 Principles of Livestock Health Management	3	S
_____	ACBS 406 Companion Animal Diseases	3	S
_____	ACBS 410 Animal Toxicology	3	F
_____	MIC 420 Pathogenic Bacteriology	3	F
_____	ACBS 423 Mechanisms of Disease	3	S
_____	MIC 430L Food Safety and Biotech	2	F
_____	ACBS 433 Medical and Molecular Virology	4	S
_____	ACBS 438 Ecology of Infectious Disease	3	S
_____	ACBS 443 Research Animal Methods	3	F
_____	ACBS 449 Diseases of Wildlife	3	F
_____	MIC 450 Veterinary Microbiology	3	F
_____	MIC 452 Antibiotics: A Biological Perspective	3	F
_____	ACBS 456 Aquaculture	3	S
_____	ACBS 457 Medical-Veterinary Entomology	3	S
_____	ACBS 466 Principles of Disease	3	F

Non Disease-Related

_____	ACBS 270 Intro to Horse Science	3	F
_____	ACBS 311 Understanding Cat/Dog Behavior	3	S
_____	ACBS 315R Physiology of Reproduction	3	F
_____	ACBS 315L Physiology of Reproduction Lab (L)	1	F
_____	AREC 315 Agribusiness Economics & Mgmt.	3	F
_____	ACBS 316 Equine Reproductive Physiology & Management	3	S
_____	ACBS 336A Applied Animal Nutrition	3	F
_____	MCB 410 Cellular Biology	3	S
_____	ACBS 420 Meat Animal Composition	3	S
_____	ACBS 431 Equine Nutrition & Mgmt.	3	F
_____	ACBS 445 Nutrition Metabolism and Physiology	3	S
_____	ACBS 470 Interactions of Animals, Humans, Ecosystems	3	S
_____	ACBS 471 Risk Assessment, Mgmt., and Communication	3	S
_____	MCB 473 Recombinant DNA Methods & Applications (L)	4	F
_____	ACBS 481 Principles of Applied Companion Animal Behavior	3	F
_____	ACBS 482 Applied Companion Animal Behavior in Practice	3	S
_____	ACBS 483 Principles of Applied Primate Behavior & Captive Mgmt.	3	F
_____	ACBS 484 Applied Captive Primate Behavior in Practice	3	S
_____	ACBS 477 Beef Resource Management	3	S

Students are able to use a maximum of 3 units of Preceptorship (ACBS 491), Directed Research (ACBS 492), Internship (ACBS 493) or Independent Study Credit (ACBS 399/499) toward their minor elective requirement. These options can be discussed further with the Vet Sci Minor Advisor.