

THE SCHOOL OF ANIMAL AND COMPARATIVE BIOMEDICAL SCIENCES

ANIMAL SCIENCE MINOR

The Animal Science Minor requires a minimum of 20 credits and a minimum GPA in the minor of 2.000.

Minor Core Course (select one):

	<u>Course Prefix</u>	<u>Course Title</u>	<u>Units</u>	<u>Semester</u>
_____	ACBS 102R	Introduction to Animal Science Lecture	3	Fall
and				
_____	ACBS 102L	Introduction to Animal Science Lab	1	Fall
_____	ACBS 142	Introduction to Animal Racing Industry	2	Fall
_____	ACBS 270	Introduction to Horse Science	3	Fall

Complete remaining balance of units (12 units must be upper division) by choosing from the following courses. The amount of minor elective units you must complete is dependent on the core course(s) you choose (see below). If you take more than one core course (with the exclusion of ACBS 102R and ACBS 102L) it can be used towards your minor elective units.

ACBS 102R and ACBS 102L = 16 minor elective units

ACBS 270 = 17 minor elective units

ACBS 142 = 18 minor elective units

Minor Elective Courses:

	<u>Course Prefix</u>	<u>Course Title</u>	<u>Units</u>	<u>Semester</u>
_____	ACBS 215	Physiology & Anatomy of Domestic Animals	3	Spring
_____	ACBS 210	Introduction to Live Animal & Carcass Eval.	3	Fall
_____	ACBS 220	Introduction to Dairy Science	3	Spring
_____	ACBS 271A	Training & Management of the Weanling	3	Fall
_____	ACBS 272	Intro to Horsemanship Programs	2	Fall
_____	ACBS 273	Developing the Training Foundation in Yearlings	3	Spring
_____	ACBS 297B	Introduction to Competitive Livestock Judging	2	Fall
_____	ACBS 301	Financial and Economic Strategy	3	Fall
_____	ACBS 302	Management & the Human Side of Organizations	3	Spring
_____	ACBS 311	Understanding Dog and Cat Behavior	3	Spring
_____	ACBS 313	Principles of Animal Genetic Systems	3	Spring
_____	ACBS 315R	Physiology of Reproduction – Lecture	3	Fall
_____	ACBS 315L	Physiology of Reproduction- Lab	1	Fall
_____	ACBS 316	Equine Reproductive Physiology and Management	3	Spring
_____	ACBS 317	One Health: A Microbial Prospective	3	Spr./Sum.
_____	ACBS 320	Principles of Dairy Product Processing & Safety	3	Fall
_____	ACBS 336A	Applied Animal Nutrition	3	Fall
_____	ACBS 340	Racetrack Management & Media Relations	3	Spring
_____	ACBS 342	Organizations & Administration of Racing Dept.	3	Spring
_____	ACBS 345	Racing Laws & Enforcement	3	Fall
_____	ACBS 355	Intro to Food Processing & Food Safety Prevent.	3	Fall
_____	ACBS 370	Form & Function of the Equine Athlete	3	Spring
_____	ACBS 371	Sales & Marketing Strategies for Pref./Racehorse Prospects	3	Fall

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FOR VET SCIENCE MAJORS: These courses can only count toward either the major **OR** the minor and **NOT TOWARDS BOTH. NO DOUBLE-DIPPING ALLOWED!**

For more information or to declare the minor please contact Christina Garcia (jcb3@arizona.edu)

_____	ACBS 372	Intermediate Horsemanship & Training Techniques	2	TBD
_____	ACBS 377	Food Toxicology	3	Fall
_____	ACBS 380R	Food Safety and Microbiology- Lecture	3	Fall
_____	ACBS 380L	Food Safety and Microbiology- Lab	1	Fall
_____	ACBS 395A	Professional Development in Animal Agriculture	1	Spring
_____	ACBS 395B	Topics in Applied Animal Behavior	1	Spring
_____	ACBS 396A	Junior Livestock Judging Team	1	Spring
_____	ACBS 397A	Calving Management	2	Spring
_____	ACBS 397C	Equitation Workshop	1	TBD
_____	ACBS 399	Junior Level Independent Study	1-3	F/W/Spr/Sum
_____	ACBS 400A	Animal Anatomy & Physiology	3	Fall
_____	ACBS 400B	Animal Anatomy & Physiology	3	Spring
_____	ACBS 401L	Domestic Animal Anatomy & Physiology Lab	1	TBD
_____	ACBS 403R	Biology of Animal Parasites	3	Spring
_____	ACBS 403L	Parasitology Lab	1	TBD
_____	ACBS 405	Principles of Livestock Health Management	3	Spring
_____	ACBS 406	Diseases of Companion Animals	3	Spring
_____	ACBS 409	Environmental Physiology of Domestic Animals	3	Spring
_____	ACBS 410	Animal Toxicology	3	Fall
_____	ACBS 411	Agriculture, Environmental & Legal Issues	3	Spring
_____	ACBS 416	Assisted Reproductive Technologies in Horses	3	Spring
_____	ACBS 420	Meat Animal Composition	3	Spring
_____	ACBS 423	Mechanisms of Disease	3	Spring
_____	ACBS 431	Equine Nutrition & Management	3	Fall
_____	ACBS 432	Comparative Immunology	3	Fall
_____	ACBS 433	Advanced Racing Laws & Enforcement	3	Spring
_____	ACBS 437	Food Safety Laws and Legal Policies	3	Fall
_____	ACBS 438	Ecology of Infectious Disease	3	TBD
_____	ACBS 441	Race Track Organization, Structure & Financial Management	3	Spring
_____	ACBS 442	Racing Business, Strategies & Global Perspectives	3	Fall
_____	ACBS 443	Research Animal Methods	3	Spring
_____	ACBS 444	Development & Management of the Racing Animal	3	Fall
_____	ACBS 445	Nutritional Physiology and Metabolic Biochemistry	3	Spring
_____	ACBS 446	Human Resource Management	3	Spring
_____	ACBS 447	Legal Environment of Business	3	Fall
_____	ACBS 449	Diseases of Wildlife	3	Fall
_____	ACBS 456	Aquaculture	3	Spring
_____	ACBS 457	Medical- Veterinary Entomology	3	Spring
_____	ACBS 470	Interactions of Animal, Humans & Ecosystem	3	Spring
_____	ACBS 471	Risk Assessment, Mgmt., & Communication	3	Spring
_____	ACBS 472	Advanced Dairy Herd Management	3	TBD
_____	ACBS 475	Equine Enterprises	3	Fall
_____	ACBS 477	Beef Resources Management	3	Spring
_____	ACBS 480B	Beef Travel Workshop	1	TBD
_____	ACBS 481	Principles of Applied Companion Animal Behavior	3	Fall
_____	ACBS 482	Applied Companion Animal Behavior in Practice	3	Spring
_____	ACBS 483	Principles of Applied Primate Behavior & Captive Management	3	Fall
_____	ACBS 484	Applied Captive Primate Behavior in Practice	3	Spring
_____	ACBS 491	Preceptorship	1-3	Fall/Spring
_____	ACBS 493	Internship	1-3	F/W/Spr/Sum.
_____	ACBS 499	Senior Independent Study	1-3	F/W/Spr/Sum.
_____	ACBS 496B	Senior Livestock Judging Team	2	Fall

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