

APPLIED ANIMAL SCIENCE: COMPANION ANIMAL SCIENCE CONCENTRATION (A.A.S.)

<https://colsa.unh.edu/tsas/aas/companion-animal-science>

Description

Beginning in the 2018-2019 academic year, the Applied Animal Science: Companion Animal Science Concentration program will no longer be accepting new students. Current Thompson School students in this program will continue to have access to the same high-quality education and resources until they graduate in 2019.

Animal companionship provides millions of people with an oasis in a hectic, impersonal world. Pet owners consistently seek quality professional services for pets that are often considered members of the family. The companion animal science concentration prepares students to work in specialized areas by choosing one of two tracks; Applied Animal Behavior or Veterinary Assisting and Animal Management. Both tracks focus on traditional companion animals such as dogs, cats, along with other domestic species. Actual field and work/volunteer experience takes place the second year along with academic coursework. Through local partnerships, all tracks complete a capstone course supporting the individual care and population management of community shelter animals.

Additionally, each track aligns with professional industry organizations' learning objectives and skills for certification after graduation. Depending on the organization and student, additional applied hours may be required before a certification exam may be taken. Organizations include but are not limited to: Certification Council for Pet Dog Trainers and Behavior Consultants, International Association of Animal Behavior Consultants, International Professional Groomers, and the National Association of Veterinary Technicians in America that provide certification for veterinary assistants.

Companion animal science is a diverse career area that requires specialized knowledge and applied skills. We look forward to guiding students onto the correct career pathway and/or preparing for them to meet future academic goals.

Career Opportunities

Animal control, animal sheltering and rescuing, ownership or management of companion animal businesses, pet groomer, animal training and behavior, veterinary assistant, animal caregiver, animal-assisted activities/therapy volunteer and/or coordinator.

Requirements

Candidates for a degree must satisfy all of the Thompson School of Applied Science General Education requirements in addition to satisfying the requirements of the Applied Animal Science Companion Animal Science program.

Companion Animal Science, Applied Animal Behavior students are required to take:

Code	Title	Credits
AAS 402	Introduction to Livestock and Poultry Management	2
AAS 421	Large Animal Behavior and Handling Techniques	2
AAS 424	Animal Law and Regulations	3
AAS 428	Anatomy and Physiology of Domestic Animals	3
AAS 428A	Anatomy and Physiology of Domestic Animals Lab for AAS majors	1
AAS 430	Small Animal Breeds and Behavior	4
AAS 431	Introduction to Animal Science	4
AAS 436	Equine Show Preparation and Competition	1
AAS 437	Equine Handling and Care Techniques	4
AAS 439	Fundamentals of Animal Health	2
AAS 439A	Fundamentals of Animal Health Lab for Applied Animal Science Majors	1
AAS 451	Human/Animal Bond	4
AAS 525	Canine Learning Theory and Application	4
AAS 535	Animal Nutrition	3
AAS 540	Animal Breeding	3
AAS 553	Equine Competition Management	2
AAS 577	Functional Canine Analysis Practicum	4
AAS 597	Applied Animal Science Work Experience	0
ABM 404A	Introduction to Business I	2
Total Credits		49

Companion Animal Science, Veterinary Assistant track students are required to take:

Code	Title	Credits
AAS 421	Large Animal Behavior and Handling Techniques	2
AAS 422	Small Animal Grooming I	2
AAS 424	Animal Law and Regulations	3
AAS 428	Anatomy and Physiology of Domestic Animals	3
AAS 428A	Anatomy and Physiology of Domestic Animals Lab for AAS majors	1
AAS 430	Small Animal Breeds and Behavior	4
AAS 431	Introduction to Animal Science	4
AAS 439	Fundamentals of Animal Health	2
AAS 439A	Fundamentals of Animal Health Lab for Applied Animal Science Majors	1
AAS 445	Veterinary Assisting Techniques	4
AAS 449	Clinical Animal Nursing Techniques I	3
AAS 451	Human/Animal Bond	4
AAS 535	Animal Nutrition	3
AAS 540	Animal Breeding	3
AAS 546	Animal Business Applications	4
AAS 558	Animal Population Medicine and Management	2
AAS 597	Applied Animal Science Work Experience	0
ABM 404A	Introduction to Business I	2
Veterinary Assistant Track Courses		
AAS 527	Companion Animal Diseases	2
AAS 579	Small Animal Care Practicum	2
VTEC 424	Introduction to Veterinary Technology	2
Total Credits		53

Companion Animal Science, Animal Management track students are required to take:

Code	Title	Credits
AAS 421	Large Animal Behavior and Handling Techniques	2
AAS 422	Small Animal Grooming I	2
AAS 424	Animal Law and Regulations	3
AAS 428	Anatomy and Physiology of Domestic Animals	3
AAS 428A	Anatomy and Physiology of Domestic Animals Lab for AAS majors	1
AAS 430	Small Animal Breeds and Behavior	4
AAS 431	Introduction to Animal Science	4
AAS 439	Fundamentals of Animal Health	2
AAS 439A	Fundamentals of Animal Health Lab for Applied Animal Science Majors	1
AAS 445	Veterinary Assisting Techniques	4
AAS 449	Clinical Animal Nursing Techniques I	3
AAS 451	Human/Animal Bond	4
AAS 535	Animal Nutrition	3
AAS 540	Animal Breeding	3
AAS 546	Animal Business Applications	4
AAS 558	Animal Population Medicine and Management	2
AAS 597	Applied Animal Science Work Experience	0
ABM 404A	Introduction to Business I	2
Animal Management Track Courses		
AAS 433	Small Animal Grooming II	2
AAS 563	Small Animal Grooming III	1
Total Credits		50

Degree Plan

Companion Animal Science / Applied Animal Behavior Program of Study

Course	Title	Credits
First Year		
Fall		
AAS 428	Anatomy and Physiology of Domestic Animals	3
AAS 428A	Anatomy and Physiology of Domestic Animals Lab for AAS majors	1
AAS 430	Small Animal Breeds and Behavior	4
AAS 431	Introduction to Animal Science	4
AAS 437	Equine Handling and Care Techniques	4
Credits		16
Spring		
AAS 439	Fundamentals of Animal Health	2
AAS 439A	Fundamentals of Animal Health Lab for Applied Animal Science Majors	1
AAS 436	Equine Show Preparation and Competition	1
COM 209	Expository Writing and Reading	4
SSCI 201	Human Relations	4
ABM 404A	Introduction to Business I	2

MTH 202	College Algebra	3
Credits		17
Second Year		
Fall		
AAS 421	Large Animal Behavior and Handling Techniques	2
AAS 451	Human/Animal Bond	4
AAS 525	Canine Learning Theory and Application	4
AAS 535	Animal Nutrition	3
AAS 597	Applied Animal Science Work Experience	0
COM 210	Public Speaking	3
Credits		16
Spring		
AAS 402	Introduction to Livestock and Poultry Management	2
AAS 424	Animal Law and Regulations	3
AAS 540	Animal Breeding	3
AAS 553	Equine Competition Management	2
AAS 577	Functional Canine Analysis Practicum	4
Elective (if needed)		1
Credits		15
Total Credits		64

Companion Animal Science / Veterinary Assistant and Animal Management Track Program of Study

Course	Title	Credits
First Year		
Fall		
AAS 421	Large Animal Behavior and Handling Techniques	2
AAS 428	Anatomy and Physiology of Domestic Animals	3
AAS 428A	Anatomy and Physiology of Domestic Animals Lab for AAS majors	1
AAS 430	Small Animal Breeds and Behavior	4
AAS 431	Introduction to Animal Science	4
COM 209	Expository Writing and Reading	4
Credits		18
Spring		
AAS 439	Fundamentals of Animal Health	2
AAS 439A	Fundamentals of Animal Health Lab for Applied Animal Science Majors	1
AAS 449	Clinical Animal Nursing Techniques I	3
AAS 422	Small Animal Grooming I	2
AAS 445	Veterinary Assisting Techniques	4
ABM 404A	Introduction to Business I	2
MTH 202	College Algebra	3
Credits		17
Second Year		
Fall		
AAS 451	Human/Animal Bond	4

AAS 535	Animal Nutrition	3
AAS 597	Applied Animal Science Work Experience	0
SSCI 201 or SSCI 202	Human Relations or Social Issues	4
Choose one option based on track		2-4
Animal Management Track		
AAS 433	Small Animal Grooming II	
Veterinary Assistant Track		
AAS 579	Small Animal Care Practicum	
AAS 527	Companion Animal Diseases	
Credits		13-15
Spring		
AAS 424	Animal Law and Regulations	3
AAS 540	Animal Breeding	3
AAS 546	Animal Business Applications	4
AAS 558	Animal Population Medicine and Management	2
COM 210 or COM 212	Public Speaking or Writing in the Workplace	3
Choose one option based on track		1-2
Animal Management Track		
AAS 563	Small Animal Grooming III	
Veterinary Assistant Track		
VTEC 424	Introduction to Veterinary Technology	
Credits		16-17
Total Credits		64-67