

ANIMAL SCIENCE SPECIALIZATIONS

Animal Science with a Disciplinary Focus

Students interested in developing a specialization with a disciplinary focus choose a series of courses with approval by their faculty advisor that are centered around: Animal Behavior, Biochemistry, Genetics, Nutrition, or Physiology.

Aquatic Animals

Students interested in aquatic animals study the science behind the cultivation and production of aquatic animals and plants for human consumption or for habitat restoration and wild aquatic animal conservation.

Avian Sciences

The avian sciences specialization is designed for the student who has an interest in disciplines concerning the behavior, physiology, and ecology of birds including poultry, exotics, and raptors.

Companion and Captive Animals

Students in the companion and captive animals specialization study the biological and social aspects of keeping companion animals in captivity. The breadth of species studied includes dogs, cats, pocket pets, reptiles, fish, and birds.

Equine Science

Students in the equine science specialization explore many aspects of the horse industry. Students interested in equine science take courses in anatomy, reproduction, nutrition, physiology, growth, and business management pertaining to horses.

Laboratory animals

The laboratory animal specialization is designed for the student who has an interest in the management, welfare, and care of animals used in the laboratory including rodents, birds, fish, reptiles, and other mammals.

Livestock and Dairy

Students in the livestock and dairy specialization choose from several courses dealing with the biology, care, and management of a variety of production animals including turkeys, swine, sheep, dairy and meat goats, and dairy and meat cattle.

Poultry

Students interested in poultry take courses focusing on the physiology, nutrition, and management of production birds including turkeys and chickens, primarily.