



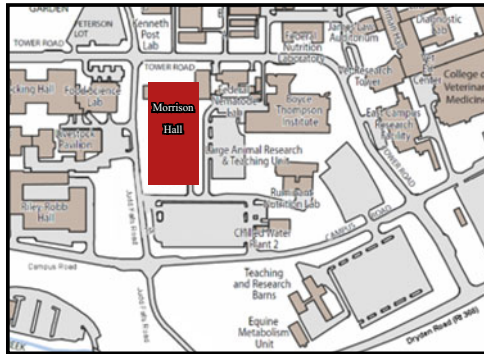
Cornell University
Department of Animal Science

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For the full searchable university map, go to:
www.cornell.edu/img/maps/large_search.pdf

LOCATION: Ithaca, NY is less than a half day's drive from the cities of Syracuse, Rochester, Buffalo, Albany, New York City and Philadelphia. Ithaca Tompkins Regional Airport, located minutes from campus, is served by several major airlines with multiple daily flights to Detroit, Philadelphia, Newark and New York City.

Cornell University
College of Agriculture and Life Sciences

ANIMAL SCIENCE

The Animal Science program at Cornell University has the cutting edge curriculum and flexibility to get you where you want to go.



A Few Examples:

Career Opportunities In Animal Science

Today's Animal Science graduates go on to challenging careers in many different fields and professions. Some take positions in animal production, whether returning to a family farm or managing a dairy herd. Others choose to take advantage of our excellent pre-veterinary curriculum and go on to vet school, while many graduates pursue advanced degrees or a variety of career avenues that are less traditional.

Check out our department website at www.ansci.cornell.edu



The Key? A Flexible Curriculum...

- **Required courses** in animal nutrition, physiology, genetics, management, growth, biology, and other topics will provide you with a foundation in the discipline.
- Solidify and apply your learning in core science courses through **laboratory work**, which combines **hands-on experience** and **evidence based learning** with animal systems and scientific laboratory techniques.
- **Advanced courses** in reproduction, biochemistry, endocrinology, nutrition, cell biology, immunology, and genetics are available if veterinary medicine or graduate training is your goal.
- In addition to fulfilling your requirements, you might want to try **elective courses** in business management, bioengineering, anthropology, fine arts, computer science, the ever popular wine-tasting class or horseback riding.

The College of Agriculture & Life Sciences has approximately 23 academic programs and 850 course offerings, all of which are available to you. You may choose courses from any of the university's 7 colleges that will best suit you and your career goals.



And Hands-On Experience...

"It's been a great experience. If it weren't for the labs, I wouldn't know - one, that I really wanted to do research, and two, that I could do research."
~Bri Pomeroy
(Class of 2012)



As one of the world's great research universities, Cornell offers you the chance to participate in research for credit as an undergraduate. Juniors and seniors in the animal science department may participate in the **Honors Research Program**, which can often be a launch pad to higher education opportunities. Many of these research and honors projects are published in leading scientific journals.

You may also take advantage of **off-campus experiences** that help you learn about some of the fields that will be open to you as an Animal Science graduate. Classroom learning provides the fundamental skills for such experiences.

In programs such as the **Dairy Fellows Program**, students visit farms and interact with progressive dairy producers and industry leaders to **gain an understanding of management principles** and the role of research and industry in dairy production.

There are many other opportunities to gain experience through **animal-related clubs and activities**, including Pre-vet Society, Block & Bridle Club, Dairy Science Club and competitive horse riding clubs. You may also be able to show off your athletic riding skills playing Varsity Polo.

During summers, internship opportunities are highly encouraged and your faculty advisor can be the key to locating a good fit for you. As a result, you can tailor your undergraduate experience to best pursue the career of your choice.

About the department



- Twenty-one faculty members, many **internationally recognized**, with diverse interests in animal management, breeding, genetics, physiology, nutrition, growth biology and microbiology.
- A faculty advisor policy that **pairs each new student with a faculty member**; this relationship usually lasts for the duration of the undergraduate experience and often beyond.
- **Teaching & research facilities** for cattle, sheep, swine, poultry and horses, in addition to classrooms and laboratory facilities in Morrison Hall.
- **Cutting edge and applied research** including real challenges facing the animal industries as well as basic studies of animal biology using domestic and laboratory animals. This research, along with **extension and outreach activities**, helps our faculty bring real world learning and education to the classroom. All such work is aimed at discovering and developing new techniques and information to benefit animals, agriculture and human health.

*"The faculty in animal science get to know their students and these relationships make the large university atmosphere much less intimidating."
~Sam Fessenden
(Class of 2011)*

About Cornell -

Cornell is one of the nation's premier research universities and, with nearly 14,000 undergraduate students and 7,000 graduate students, is the largest university in the Ivy League. In 2010, there were more than 4000 course offerings in 100 academic disciplines.

Located in Ithaca, NY, the university is widely known for its beautiful 745 acre campus overlooking Cayuga Lake. It is organized into 7 undergraduate colleges, of which 4 are state-supported, including the College of Agriculture & Life Sciences and the NYS College of Veterinary Medicine. There are 7 graduate divisions and 2 satellite medical campuses. As a land grant college, it operates a cooperative extension outreach program in every county of New York.

*For a more complete and searchable list of real-world careers in the field of animal science, check out:

<http://animalcareers.cornell.edu>