

# **I** ILLINOIS

College of Agricultural, Consumer  
& Environmental Sciences

## Computer Science + Animal Sciences



**Computer Science + Animal Sciences (CS+ANSC)** is the first major of its kind to address the digital revolution in animal sciences. CS+ANSC students prepare to work with sensor technology, large data sets, and predictive analytics, improving the health and well-being of production animals and pets in Illinois and throughout the world.

*CS+ANSC is a collaborative major joining two highly ranked departments, Computer Science and Animal Sciences.*

### **LEADING INNOVATIVE RESEARCH**

Combining a strong foundation in computer science with technical training in animal sciences, our students are at the forefront of innovative research:

- Deploying remote sensors to monitor animal behavior, health, and well-being
- Analyzing genomes, transcriptomes, and microbiomes to improve production and efficiency in food animals
- Mining large data sets to solve problems in complex food systems
- Designing automated systems to progress food production and quality

**MORE THAN  
MEETS THE I**



### ***In-Demand Graduates***

CS+ANSC graduates are highly sought-after in the animal sciences, technology, and engineering industries. With a strong grounding in computer science and technical knowledge of animal sciences, our students fill a unique gap in the workforce that employers are looking for.

### **AREAS OF EMPLOYMENT**

- Bioinformatics
- Biotechnology
- Computer Programming
- Data Analytics
- Digital Agriculture
- Environmental Science
- Genomic Research
- Precision Animal Agriculture
- Quantitative Genetics
- Remote Sensing

### **AREAS OF ADVANCED STUDY**

- Animal Health
- Animal Production
- Computational Biology
- Computer Science
- Data Science
- Statistical Programming

### **YOUR STUDENT EXPERIENCE**



**\$3.5 million+ in scholarships** awarded yearly by the college



**45 study abroad programs** offered each year, including 20 short-term, faculty-led programs spanning five continents



**40+ ACES student organizations** providing hands-on learning and leadership

## **SCHEDULE A VISIT**

[visitansc@illinois.edu](mailto:visitansc@illinois.edu)

217-244-8251

Visit [myillini.illinois.edu](http://myillini.illinois.edu) to create a myillini account.