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.

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

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

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