

ANIMAL SCIENCE & TECHNOLOGY



As an undergraduate studying animal science and technology, seek laboratory experiences such as research projects, volunteering with professors, summer jobs, or internships.

Participate in research programs and internships sponsored by government organizations and private corporations. Consider a veterinary technician or technologist program accredited by the American Veterinary Medical Association (AVMA) or a specialized master's program to qualify for research technician positions. Earn a master's degree for greater variety and autonomy on the way to a Ph.D. to work on high-level research projects, to direct research programs, to enter high levels of administration, and to teach at four-year post-secondary institutions. Postdoctoral fellowships may also be required.

Learn to work independently and as part of a team. Combine an undergraduate degree with a degree in law, business, education, communication and information science, or other discipline to expand career opportunities. Consider earning an MBA after gaining work experience to reach the highest levels of agribusiness management. The animal sciences are good preparation for a career in healthcare such as medicine, dentistry, pharmacology, and veterinary science, but professional degrees and licenses are also necessary to practice in these fields. Become familiar with the specific entrance exam for graduate or professional schools in your area of interest. Join professional associations and community organizations and read related journals to stay abreast of current issues in the field and to develop networking contacts.

Actively participate in student organizations, competition teams, and other related activities. Secure strong relationships and personal recommendations from professors and/or employers. Learn federal, state and local government job application. The federal government is the largest employer of scientists. Gain experience with grant writing and fundraising. Often research must be funded in this manner.

AREAS OF OPPORTUNITY

- Livestock production
- Livestock feed
- Meat and dairy foods
- Inspection
- Management
- Marketing
- Public relations
- Customer service
- Teaching
- Non-classroom education
- Extension
- Preventative medicine
- Surgery
- Public health

Farm and ranch operations
 Feed companies and operations
 Meat and dairy processors
 Processing plants
 Inspection services
 Extension services
 Government
 Agribusinesses: livestock and feed
 Pharmaceutical companies
 Equipment and supply companies
 Food and meat processing companies
 Animal health firms
 Breed organizations
 Food distributors
 Financial institutions
 Livestock publications
 Professional associations
 Schools (elementary, secondary and post-secondary)
 Extension services

COMMON EMPLOYERS



PROFESSIONAL ORGANIZATIONS



- [American Animal Hospital Association](#)
- [American Association for Laboratory Animal Science](#)
- [American Association of Wildlife Veterinarians](#)
- [American Society of Animal Science](#)
- [American Veterinary Medicine Association](#)
- [Animal Behavior Society](#)
- [Association of American Veterinary Medical Colleges](#)
- [Delta Society](#)
- [International Boarding and Pet Services Association](#)
- [National Animal Control Association](#)
- [National Dog Groomer's Association of America, Inc.](#)
- [Therapy Dogs International](#)



STRATEGIES ON ENTERING THE FIELD

- Develop physical stamina, outdoor skills and comfort being in close proximity with large and small animals.
- Gain work experience in area of interest through internships, summer jobs or part-time work.
- Minor in business if interested in management or self-employment.
- Participate in related clubs and competition teams.
- Become familiar with federal job application procedures for government work.
- Obtain a part-time job or internship in sales to gain experience, as these positions are often stepping stones to higher-level positions.
- Consider earning a business minor to obtain knowledge of fundamental business principles.
- Develop excellent communication, organization and problem solving skills along with initiative.
- Take additional courses in interpersonal communication, public speaking and journalism.
- Prepare to work independently during irregular and/or long hours.
- Learn to work well under pressure and to be comfortable in a competitive environment.
- Demonstrate motivation to reach sales quotas while maintaining a commitment to customer satisfaction.
- Seek extensive knowledge of merchandise for sale.
- Join related student organizations and competition teams and seek leadership roles.
- Develop excellent communication skills including verbal, written and interpersonal.
- Obtain teacher certification, which varies by state, for public school opportunities.