

Animal Science & Management

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Available at: Laurel, Live

COURSES

Companion Animal Selection, Nutrition & Management

Students will identify and apply responsible animal science principles and routine husbandry practices to companion animals. Topics will include principles and practices of nutrient utilization, breeding programs and management of facility/housing design, meal plans and general care practices. Students will apply knowledge of companion animal care to enhance animal growth, enrichment, training, and education engagement programs. Throughout the course, students will follow practices for care and legal compliance in relation to classification of animals.

Animal Health

Students will examine causes, symptoms, and treatment of common diseases with emphasis on developing preventative health management plans. Topics will include the study of pathogens and classifying types of diseases and disorders. Students will perform animal health assessments and compare to standard characteristics. Throughout the course, students will utilize principles of technology to manage information systems and research issues affecting the industry.

Business Management for Agricultural & Environmental Systems*

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism, while implications of business regulations will be identified.

Animal Science and Technology*

Students will learn and apply responsible animal management principles and routine husbandry practices. Topics will include nutrition, feeding and caring for animals, body/carcass composition evaluation, and applying marketing principles to the sale and distribution of animal products. Learners will investigate animal genetics and how it impacts principles of animal improvement, selection and marketing. Throughout the course, learners will develop business leadership, problem-solving and communication skills in relation to the science of animals.

**These courses are eligible for college credit under the Career-Technical Assurance Guide (CTAG.)*

For more information about what CTAG is: ohiohighered.org/transfer/ct2/earning-college-credit

To learn what credit is currently available at Ohio colleges and universities: transfercredit.ohio.gov/pg_9?9915099094718

CREDENTIALS YOU CAN EARN

- Industrial Forklift Operations
- OSHA 10 for Agriculture
- CPR/First Aid
- Pet First Aid and Disaster Response Certification
- Animal Care Technologies - Animal Care Training Certificate of Completion

INSTRUCTORS

- Laurel Oaks: Kathy Brauch – brauchk@greatoaks.com
- Live Oaks: Lisa Erhardt – ehrhardt@greatoaks.com

Courses subject to change