



Hutson School of Agriculture



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DEPARTMENTS

Agricultural Science	212	Veterinary Technology and	
Animal and Equine Science	219	Pre-Veterinary Medicine	220

PROGRAMS

UNDERGRADUATE

Associate
Agricultural Science and Technology

Baccalaureate
Agricultural Science
Animal Technology

Certificate
Unmanned Aerial Systems

Minor
Agriculture
Equine Science
Golf Course Management
Unmanned Aerial Systems

GRADUATE

Master's
Agriculture

Certificate
Veterinary Hospital Management

Hutson School of Agriculture

Broad opportunities for students to prepare for agricultural and related careers are offered by the Hutson School of Agriculture. The Hutson School of Agriculture offers three undergraduate degree programs: a Bachelor of Science in Agriculture (B.S.) and a

assist students in planning an appropriate course of study to meet individual goals and to assure a balanced program.

The Hutson School of Agriculture includes the Department of Agricultural Science, the Department of Animal and Equine Science, and the Department of Veterinary Technology and Pre-Veterinary Medicine. Agricultural facilities include the farm laboratory complexes, the

contests, clinics, and numerous agricultural activities.

MSU's Breathitt Veterinary Center (BVC), located in Hopkinsville, Kentucky, has as its primary mission the provision of diagnostic data; however, its mission also includes instruction and research. The laboratory is accredited through the American Association of Veterinary Laboratory Diagnosticians. The center's facilities and personnel provide learning experiences for students in the animal health technology program. The BVC also conducts research dealing with infectious diseases of food animals.

Unmanned Aerial Systems

The market for unmanned aerial applications is a rapidly rising commercial enterprise. The Unmanned Aerial Systems minor and certificate provide students with the knowledge to explore the vast interdisciplinary potential for aircraft/drone systems. Aerial/field mapping, agriculture applications, disaster and emergency management, environmental research, law enforcement and photogrammetry, parcel and freight delivery are just a few of the many applications in this growing technology.

CERTIFICATE:

Unmanned Aerial Systems Certificate

Systems Technology

3 hrs

MINOR:

Unmanned Aerial Systems

Total Requirements 21 hrs

Required Courses for terminal degree work at the doctoral level Faculty advisors

- UAS 110 Introduction to Aviation
- UAS 310 Introduction to Unmanned Aerial Systems Applications
- UAS 410 Unmanned Aerial Systems Sensors and Data Display
- UAS 480 Experiential Learning in Unmanned Aerial Systems Technology

9 hrs

Department of Agriculture

in Oakley Applied Science South, Howton Agriculture Engineering Building, the West Farm, the Hutson Farm, the North Farm, the Pullen Farm Complex with three greenhouses and environmental center lab, and the agriculture systems technology farm lab.

Agricultural Science and Technology

Associate of Science

MAT 140 College Algebra

Agriculture Core Courses 41 hrs

- AGR 100T Transitions
- AGR 100 Animal Science
- AGR 130 Agricultural Economics
- AGR 133 Field Applications for Agriculture
- AGR 160 Horticultural Science
- or
- AGR 240 Crop Science
- AGR 170 Introduction to Agricultural Systems Technology
- AGR 199 Contemporary Issues in Agriculture¹
- AGR 339 Computer Applications for Agriculture
- AGR 345 Soil Science

AGR 399 Professional Development Seminar I
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AGR 499 Leadership/Professional Development Seminar II
AGR elect ves (16 hrs)

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¹AGR 199 will fulfil both the agriculture core and university studies elec-

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- CHE 201 General College Chemistry
- AGR 199 Contemporary Issues in Agriculture
- CHE 210/215 Brief Organic Chemistry and Organic Chemistry Laboratory
- CHE 202 General Chemistry and Qualitative Analysis
- EES 101 The Earth and the Environment
- EES 102 Earth Through Time
- EES 199 Earth Science

- AGR 100T Transitions
- AGR 100 Animal Science
- AGR 300 Principles of Animal Nutrition
- AGR 310 Applications in Animal Technology
- AGR 339 Computer Applications for Agriculture
- AGR 399 Professional Development Seminar I
- AGR 504 Diseases of Livestock
- AGR 599 Agriculture Senior Capstone
- AGR 170 Introduction to Agricultural Systems Technology
- AGR 377 Agriculture Safety
- AGR 375 e

Carman Veterinary Technology Center and the university farms. This program is not only academically challenging, but provides students the opportunity to gain valuable hands-on experience.

A portion of the veterinary technology curriculum will involve students taking courses, which have been labeled the BVC (Breathit Veterinary Center) courses that include AGR 340, AGR 400, AGR 410, AGR 420, and AGR 430. Because the Veterinary Technology/Pre-Veterinary Medicine program is an accredited program, available space is limited to ensure the quality of instruction. Registration in BVC courses is based on available openings. The veterinary * e l b e t h A Regis ing
