



**MURRAY STATE**  
UNIVERSITY

Hutson School of Agriculture

## **Bachelor of Science in Agriculture Agricultural Science Major**

Offering career preparation for students interested in a broad, diversified education in agriculture leading to a Bachelor of Science degree and a career in agriculture.

### **Career Outlook**

The field of agriculture includes a very broad range of career objectives. Areas of subject matter include crop science, animal science, soil science, horticulture, agricultural engineering, agricultural education, and agribusiness economics. Job opportunities are numerous, and students trained in general agriculture are in high demand. A brief list of agricultural positions might include plant breeder, soil scientist, soil conservationist, extension agent, sales representative, banker, agriculture teacher, nursery specialist, landscape designer, greenhouse manager, farmer, nutritionist, animal breeder, economist, processor, food scientist, and farm manager.

Students with a general interest in agriculture come to Murray State University from varied rural and urban experiences. They have a wide range of interests and career objectives for employment in agriculture.

### **Facilities**

Hutson School of Agriculture facilities include classrooms, Laboratories, and offices housed in the Oakley Applied Science Building; the A. Carman Animal Technology Center; and the E.B. Howton Agricultural Engineering Building.

Murray State University owns five farm complexes. These complexes include three greenhouses, agronomy plots, a beef unit, a swine unit, the Cherry Agricultural Exposition Center, the Rudolph Equine Education Center, and the Agricultural Mechanization Instructional Facility/Farm Shop. These facilities are utilized for classes, contests, field days, judging contests, clinics, and numerous agriculture activities.

### **Organizations**

- Agriculture Leadership Council
- Alpha Gamma Rho
- Animal Welfare Club
- Agriculture Ambassadors
- Agribusiness Club
- Agricultural Engineering Technology Club
- Agronomy Club
- Block & Bridle
- Christian Veterinary Fellowship
- Collegiate FFA
- Collegiate Farm Bureau
- Collegiate 4-H
- Dressage Club
- Equestrian Team
- Horseman's Association
- Horticulture Club
- Livestock Judging Team
- Rodeo Team
- Sigma Alpha
- Soil and Crops Judging Teams
- Swine Club
- Veterinary Technology/Pre-Vet Club

### **For More Information Contact**

**Recruitment Coordinator  
Murray State University  
Hutson School of Agriculture  
(270) 809-3329  
[msu.ag@murraystate.edu](mailto:msu.ag@murraystate.edu)**

**Visit Our Website**

[www.murraystate.edu/agr](http://www.murraystate.edu/agr)



**Murray State University Hutson School of Agriculture**  
**Agricultural Science Major Curriculum 2024-2025**

University Studies - Foundations				
Cat.	Dept.	No.	Description	Hrs.
<b>Oral Communications</b>				3
	COM	161	Intro. to Public Speaking	
<b>Written Communications</b>				4
	ENG	105	Critical Reading, Writing & Inquiry	
<b>Scientific Inquiry and Methodologies (must include lab)</b>				4
	BIO	101	Biological Concepts <b>AND</b>	
	BIO	100	Intro to Biology Lab	
<b>Quantitative Reasoning</b>				3-4
	MAT	117	Mathematical Concepts <b>OR</b>	
	MAT	140	College Algebra	
University Studies - The Human Experience				
<b>Literary &amp; Philosophical Perspectives</b>				3
<b>Historical Perspectives</b>				3
<b>Creative Perspectives</b>				3
<b>Social &amp; Behavioral Perspectives</b>				3
	AGR	199	Contemp. Issues in Food, Fiber & NR	
<b>Culture, Diverse Perspectives &amp; Responsible Citizenship</b>				3
	AGR	200	Cultural & Intl. Ag Perspectives <b>OR</b>	
	AGR	353	World, Food, Agriculture & Society	
<b>BS Science/Mathematics Requirement</b>				4
	CHE	101	Consumer Chemistry <b>OR</b>	
	CHE	105	Introductory Chemistry <b>OR</b>	
	EES	199	Earth Science	

Agriculture Core Courses				
Cat.	Dept.	No.	Description	Hrs.
	AGR	100T	Transitions	1
	AGR	100	Animal Science	3
	AGR	330	Principles of Agribusiness Management <b>OR</b>	3
	AGR	333	Record Keeping & Analysis for Agribusiness	3
	AGR	133	Field Applications for Ag	2
	AGR	140	Plant Science <b>OR</b>	3
	AGR	160	Horticultural Science <b>OR</b>	3
	AGR	240	Crop Science	3
	AGR	170	Intro to Ag Systems Tech <b>OR</b>	3
	AGR	370	Intro to Precision Agriculture	3
	AGR	199	Contemp. Issues in Food, Fiber & NR	3
	AGR	339	Computer Apps for Ag	3
	AGR	345	Soil Science	3
	AGR	399	Prof Development Sem I	1
	AGR	599	Ag Senior Capstone	1
	AGR		Electives	18
<b>Unrestricted Electives</b>				21-22
<b>Required Minor</b>				21

**Minimum Credential Hours: 120**