

Bachelor of Science in Agriculture Agriscience Technology Agricultural Technology Emphasis

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. Subject matter fields include plant science, animal science, soil science, horticulture, agricultural engineering, agricultural education, agribusiness and agricultural 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, forester, 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.

Organizations

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

Facilities

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

There are four farm complexes located within a mile of the main campus. These complexes include three greenhouses, agronomy plots, a beef unit, the West Kentucky Exposition Center, the Equine 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.

Agricultural Technology Emphasis

This curriculum is designed for students transferring to Murray State University from the Kentucky Community and Technical College System Agricultural Technology Programs. It leads to a four-year Bachelor of Science in Agriculture degree that is offered through a combination of courses taught at Murray State University's extended campus sites and main campus.

For More Information Contact

**Recruitment Coordinator
Murray State University
Hutson School of Agriculture
(270) 809-3329
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**Visit Our Website
www.murraystate.edu/agr**

**MURRAY STATE UNIVERSITY
HUTSON SCHOOL OF AGRICULTURE
AGRISCIENCE TECHNOLOGY CURRICULUM
AGRICULTURAL TECHNOLOGY EMPHASIS (KCTCS TRANSFER PROGRAM)
2020-2021 CATALOG**

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES*

Dept.	No.	Description	Hrs.	Gr.
ORAL & WRITTEN COMMUNICATION				7 HRS
ENG	105	KCTCS - ENG 101 & ENG 102	4-6	
COM	161	Intro. to Public Speaking	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS				12 HRS
BIO	101	KCTCS - BIO 112 & BIO 113	4	
CHE	105	KCTCS - CHE 140 & CHM 145	4	
MAT	140	KCTCS - MAT 150	4-3	
WORLD HISTORICAL, LIT, & PHIL TRAD				6 HRS
CIV	201	World Civilizations I	3	
HUM	211	Western Humanities Tradition	3	
GLOBAL AWARE, CULT DIV, WORLD ARTISTIC				3 HRS
Select One of the Following Courses				
AGR	200	International Ag Experience	3	
AGR	353	World Food, Ag & Society	3	
SPA	106	Basic Spanish & Culture for Agriculture	3	
SOCIAL & SELF AWARENESS				6 HRS
BIO	103	Saving Planet Earth OR		
POL	140	American National Gov	3	
AGR	199	Contemporary Issues in Ag	3	
UNIVERSITY STUDIES APPROVED ELECTIVES				6 HRS
CHE	210	Brief Organic Chem	3	
CHE	215	Organic Chem Lab OR	1	
EES	199	Earth Science	4	
		Elective	2	
40 HOURS OF UNIVERSITY STUDIES				
The following electives will be taken at KCTCS and can be substituted into the area where necessary.				
AGR	170		3	
AGR	180		2	
AGR	190		2	
AGR	200		2	
AGR	260		3	
AGR	270		3	

AGRICULTURE CURRICULUM COURSES**

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES				26 HRS
AGR	100T	Transitions	1	
AGR	100	KCTCS - AGR 240	3	
AGR	130	KCTCS - AGR 101	3	
AGR	133	KCTCS - AGR 130	2	
AGR	160	KCTCS - AGR 160 OR		
AGR	240	AGR 250	3	

AGRICULTURE CURRICULUM COURSES CONTINUED

AGR	170	KCTCS - AGR 150	3	
AGR	199	KCTCS - AGR 140	3	
AGR	339	KCTCS - AGR 220	3	
AGR	345	KCTCS - AGR 125	3	
AGR	399	KCTCS - AGR 230	1	
AGR	599	Ag Senior Capstone	1	
AGRISCIENCE TECHNOLOGY COURSES				24 HRS
AGR	377	Ag Safety	3	
AGR	433	Farm Management	3	
AGR		ELECTIVES	6	
Select One of the Following Courses				
AGR	300	Animal Nutrition		
AGR	301	Livestock Judging		
AGR	302	Horse Science		
AGR	311	Beef Science		
AGR	312	Dairy Science		
AGR	321	Poultry Science		
AGR	326	Swine Science	3	
Select One of the Following Courses				
AGR	330	Principles of Agribusiness Management		
AGR	333	Ag Bus Rec & Analysis		
AGR	337	Ag Sales & Merchandising	3	
Select One of the Following Courses				
AGR	360	Greenhouse Prod & Mgt		
AGR	461	Plant Propagation		
AGR	542	Plant Breeding I		
AGR	549	Weeds & Their Control	3	
Select One of the Following Courses				
AGR	372	Ag Metal Processes		
AGR	379	Field Equip Tech Mgt		
AGR	470	Soil & Water Engineering		
AGR	477	Ag Power Units		
AGR	576	Ag Electrification		
AGR	577	Tractor Power Principles	3	
AGRICULTURAL TECHNOLOGY				21-22 HRS
AGR	313	Livestock Prod Mgt Sys	3	
AGR	439	Software App for Ag	3	
AGR	471	App in Precision Ag	3	
AGR	499	KCTCS - AGR 230	2	
AGR	537	Sem. In Ag Bus Systems	2	
AGR	538	Sem. In Prod Ag Sys	2	
AGR	571	Adv Precision Ag	3	
AGR	539	Adv Computer App for Ag	3	
AGR	547	Crop Management	3	
UNRESTRICTED ELECTIVES				8-9 HRS
*Additional general education courses may be taken through KCTCS.				
**Some agriculture courses may be offered at extended campus sites or through ITV/Web.				