

TRANSFER PATHWAY GUIDE

FOR

Associate in Applied Science in Agriculture Technology to Murray State University's Bachelor of Science in Agricultural Science/AgriScience Technology

Overview

Completion of the following curriculum will satisfy the requirements for an Associate in Applied Science in Agriculture/Agriculture Technology at the Kentucky Community and Technical College System and leads to the Bachelor of Science in Agricultural Science/AgriScience Technology at Murray State University. Students completing their AAS in Agriculture with KCTCS can complete their Agriculture/AgriScience Technology degree at Murray State 100% online.

Admission Requirements

Murray State University admission requirements for domestic first-time transfer students can be found online. Current link is available [here](#).

Degree Requirements

At least 42 semester hours of the 120 hours required for a baccalaureate degree must be earned in courses at the 300-level or above (upper-level courses). Transfer courses at the 100- or 200-level that are direct equivalents of upper-level Murray State courses will be considered upper-level credit. Transfer courses at the 100- or 200-level that may be substituted for upper-level Murray State courses or requirements will not be considered upper-level credit.

The baccalaureate degree candidate must have a GPA of at least 2.00: (1) in all credits presented for graduation whether earned at Murray State or elsewhere (cumulative GPA); (2) in all credits completed at Murray State; and (3) in the courses for each major, minor or area.

General Transfer Requirements

Students can apply for Murray State online here: <https://www.murraystate.edu/admissions/apply.aspx>. Transfer requirements, scholarship information, and other relevant transfer information can also be found at www.murraystate.edu/admissions/transfer. Once the student has been accepted at Murray State and they receive their student ID (M#), they can apply for scholarships within our student portal, MyGate.

For specific questions concerning the transfer, students can contact the Transfer Center at (270)-809-3350 or msu.transfercenter@murraystate.edu.

A list of Murray State's General Education courses can be found here: <https://www.murraystate.edu/academics/UniversityStudies/courses.aspx>.

The general University Scholarship application is due at or before February 5th before the Fall semester entry. All students must complete the FAFSA to be eligible for scholarships.

KCTCS Agriculture/Agriculture Technology AAS TO Murray State University's Bachelor of Science in Agricultural Science/AgriScience Technology CHECKLIST

Kentucky Community and Technical College System

Category 1: KCTCS General Education Requirements (15-33 hours)

KCTCS Course	Course or Category	Credits	Murray State Course	Completed
ENG 101	Writing 1	3	ENG 105	
ENG 102	Writing II	3		
COM 181	Basic Public Speaking	3	COM 161	
MAT 150	College Algebra	3	MAT 140	
AGR 101	The Economics of Food and Agriculture	3	AGR 130	
TBS XXX	Heritage & Humanities Elective	3	TBD XXX	
BIO 112 & 113	Intro to Biology and Intro to Biology Lab	4	BIO 101 & BIO 100	
CHE 140 & 145	Introductory General Chemistry and Lab	4	CHE 105	
Subtotal - Minimum General Education Reqs for AAS		25		
<i>For full Category Certification: Students may wish to pursue full category certification at KCTCS. Please complete the additional courses listed below to complete category certification prior to transfer.</i>				
TBS XXX	Heritage & Humanities Elective	3	TBD XXX	
TBS XXX	Social & Behavioral Elective	3	TBD XXX	
TBS XXX	Social & Behavioral Elective	3	TBD XXX	
Subtotal General Education Courses		34		

TBS XXX means to be selected by KCTCS student.

TBD XXX means to be determined by Murray State University based on course selected.

Category 2: KCTCS AAS Requirements

Technical Core Courses

KCTCS Course	Course or Category	Credits	Murray State Course	Completed
DLC XXX	Digital Literacy**	0-3		
AGR 125	Introduction to Fertilizers and Soils	3	AGR 345	
AGR 130	Field Applications in Agriculture	2	AGR 133	
AGR 140	Issues in Agriculture	3	AGR 199	
AGR 230	Career Development in Agriculture	3	AGR 399	
AGR 240	Introduction to Animal Science	3	AGR 100	
AGR 250	Introduction to Plants/Crop Production	3	AGR 240	
Subtotal AAS Technical Core Requirement Courses		17-20		

** Students must demonstrate computer/digital literacy skills, either through completing a course or passing a test.

Agriculture Technology Track Courses

KCTCS Course	Course or Category	Credits	Murray State Course	Completed
AGR 150	Agricultural Power	3	AGR 170	
At least one: IMT 100 & IMT 101	Welding for Maintenance & Welding for Maintenance Lab	5	TBD XXX	
WLD 120 & WLD 121	Shielded Metal Arc Welding & Shielded Metal Arc Welding Fillet Lab	5	TBD XXX	
WLD 130 & WLD 131	Gas Tungsten Arc Welding & Gas Tungsten Arc Welding Fillet Lab	5	TBD XXX	
WLD 140 & WLD 141	Gas Metal Arc Welding & Gas Metal Arc Welding Fillet Lab	5	TBD XXX	
AGR 220	Computers in the Agricultural Environment	3	AGR 339	
COE 199	Cooperative Education: (Topic)	3	TBD XXX	
Subtotal Agriculture Technology Track Courses		14		

TBD XXX means to be determined by Murray State University based on course selected.

Murray State University

Major Requirements for the Bachelor of Science in Agricultural Science/AgriScience Technology

Murray State Course	Course	Credits	KCTCS Course	Taken at KCTCS
AGR 100T**	Transitions	1		
At least one: AGR 200	Cultural and International Agricultural Perspectives: Food, Fiber & Animal Resources	3		
AGR 353	World Food, Agriculture and Society	3		
At least one: AGR 330	Principles of Agribusiness Management	3		
AGR 333	Record Keeping & Analysis for Agribusiness	3	AGR 265	
At least one: AGR 170	Introduction to Agricultural Systems Technology	3	AGR 150	
AGR 370	Introduction to Precision Agriculture	3		
AGR 339	Computer Applications for Agriculture	3	AGR 220	
AGR 599	Agriculture Senior Capstone	1		
AGR 334	Entrepreneurship in Agribusiness	3		
AGR 337	Agriculture Safety	3		
At least one: AGR 300	Principles of Animal Nutrition	3		
AGR 301	Livestock Judging & Evaluation	3		
AGR 302	Horse Science	3		
AGR 311	Beef Science	3		
AGR 312	Dairy Science	3		
AGR 321	Poultry Science	3		
AGR 326	Swine Science	3		
At least one: AGR 333	Agribusiness Records and Analysis	3	AGR 265	
AGR 336	Agricultural Commodity Marketing	3		
AGR 337	Agricultural Sales & Merchandising	3		
At least one: AGR 360	Greenhouse Production & Management	3	AGR 155	
AGR 461	Plant Propagation	3		
AGR 542	Plant Breeding I	3		
AGR 549	Weeds & Their Control	3	AGR 215	
At least one: AGR 372	Agricultural Metal Processes	3		
AGR 379	Field Equipment Technology Management	3		
AGR 470	Soil & Water Engineering	3		
AGR 477	Agriculture Power Units	3		
AGR 576	Agricultural Electrification	3		
AGR 577	Tractor Power Principles	3		
TBS XXX	At least 6 credit from AGR Electives	6		
Required Emphasis Tracks Listed Below (Agricultural Technology, Communications, Emerging Technology, Extension/Leadership, Sustainable Food and Environmental Systems)		21		
Subtotal Murray State Credit Hours		70-71		
Total Baccalaureate Degree Credit Hours		122		

** Transitions courses are waived for students who transfer 30 hours of more to Murray State University.

TBS XXX means to be selected.

Communications Emphasis

Murray State Course	Course	Credits	KCTCS Course	Taken at KCTCS
AGR 385	Disseminating Agriculture, Food, & Natural Resource Messages through Emerging Media	3		
AGR 595	Integrated Agriculture Communication Strategies	3		
JMC 168	Media Literacy and Society	3	COM 249 SOC 249	
JMC 194	Media Writing	3		
JMC 330	Mass Media Effects	3		
JMC 590	Media Law and Ethics	3		
AGR 585	Specialized Journalism/RTV	3		

Emerging Technology Emphasis

Murray State Course	Course	Credits	KCTCS Course	Taken at KCTCS
AGR 370	Introduction to Precision Agriculture	3		
AGR 439	Software Applications for Agriculture	3		
AGR 471	Applications in Precision Agriculture	3		
AGR 539	Advanced Computer Applications in Agriculture	3		
AGR 571	Advanced Precision Agriculture	3		
UAS 110	Introduction to Aviation	3		
UAS 310	Introduction to Unmanned Aerial System Applications	3		

Sustainable Food & Environmental Systems Emphasis

Murray State Course	Course	Credits	KCTCS Course	Taken at KCTCS
AGR 347	Urban and Peri-Urban Agricultural Production	3		
AGR 351	The Impacts of Climate Change on Agriculture	3		
AGR 354	Organic Agriculture	3		
AGR 378	Agricultural Environmental Management Systems	3		
AGR 455	Soil Management	3		
AGR 561	Sustainable Agriculture	3		
At least one:				
AGR 359	Introduction to Beekeeping	3		
AGR 369	Hops Production and the Brewing Process	3		

Extension/Leadership Emphasis

Murray State Course	Course	Credits	KCTCS Course	Taken at KCTCS
AGR 380	Agriculture Education, Extension, & Leadership	3		
NLS 290	Community Engagement & the Nonprofit Sector	3		
NLS 350	Program Development	3		
NLS 351	Leadership, Government, and Board Development	3		
AGR 488	Cooperative Education/Internship	3		
AGR 489	Cooperative Education/Internship	3		
TBS XXX	AGR, AED, COM, CTE, MGT, or NLS Elective	3		

Agricultural Technology Emphasis

Murray State Course	Course	Credits	KCTCS Course	Taken at KCTCS
AGR 313	Livestock Production Management Systems	3		
AGR 439	Software Applications for Agriculture	3		
AGR 471	Applications in Precision Agriculture	3		
AGR 499	Leadership/Professional Development Seminar II	1		
AGR 537	Seminar in Agricultural Business Systems	2		
AGR 539	Advanced Computer Applications for Agriculture	3		
AGR 547	Crop Management	3		
At least one:				
AGR 538	Seminar in Production Agriculture Systems	3		
AGR 571	Advanced Precision Agriculture	3		