

TRANSFER PATHWAY GUIDE

FOR

Associate in Applied Science in Agriculture/Agriculture Education to Murray State University's Bachelor of Science in Agricultural Science/Agricultural Education Certification (5-12)

Overview

Completion of the following curriculum will satisfy the requirements for an Associate in Applied Science in Agriculture/Agriculture Education at the Kentucky Community and Technical College System and leads to the Bachelor of Science in Agricultural Science/Agricultural Education Certification (5-12) at Murray State University. Students completing their AAS in Agriculture with KCTCS can complete their Agricultural Science/Agricultural Education Certification 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 Education AAS TO Murray State University's Bachelor of Science in Agricultural Science/Agricultural Education 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	
BIO 112 & 113	Intro to Biology and Intro to Biology Lab	4	BIO 101 & BIO 100	
CHE 140 & 145	Introductory General Chemistry & Lab	4	CHE 105	
AGR 101	The Economics of Food and Agriculture	3	AGR 130	
TBS XXX	Heritage & Humanities Elective	3	TBD XXX	
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 Education Track Courses

KCTCS Course	Course or Category	Credits	Murray State Course	Completed
At least one:				
AGR 150	Agricultural Power	3	AGR 170	
AGR 160	Horticultural Science	3	AGR 160	
AGR 180	Agricultural Internship I	2	TBD XXX	
EDU 201	Introduction to American Education	3	EDU 180	
EDU 204	Technology in the Classroom	3	TBD XXX	
TBS XXX	Elective	3	TBD XXX	
Subtotal Agriculture Education Track Courses		14		

TBS XXX means to be selected by KCTCS student.

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/Agriculture Education

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		
At least one: AGR 337	Agricultural Sales & Merchandising	3	AGR 175	
AGR 338	Rural Economic Development	3		
AGR 444	Promotion & Entrepreneurship of Livestock and Their Products	3		
AGR 360	Greenhouse Productions and Management	3		
AGR 372	Agricultural Metal Processes	3		
AGR 570	Methods of Teaching Agricultural Mechanics	3		
At least one: AGR 361	Horticulture & Greenhouse Management Practicum	3		
AGR 362	Floral Design	3		
AGR 368	Landscape Construction	3		
AGR 461	Plant Propagation	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 326	Swine Science	3		
AGR 426	Experience in Swine Production	3		
At least one: AGR 371	Agricultural Buildings and Construction	3		
AGR 477	Agricultural Power Units	3		
AGR 572	Advanced Metal Work	3		
AGR 576	Agricultural Electrification	3		
AGR 577	Tractor Power Principles	3		
AED 250	Special Problems in Agricultural Education	1		
AED 104	Introduction to Agricultural Education	3		
AED 380	Agricultural Education, Extension & Leadership	3		
AED 501	Methods of Teaching Agricultural Education	3-6		

EDU 280	Educating for Human Development	3		
EDU 380	Inclusive Teaching of Diverse Learners	3		
EDU 480	Effective Pedagogy	2		
EDU 485	Professional Perspectives for Teaching	1		
SEC 421	Student Teaching in Secondary Schools	14		
TBS XXX	Upper-Level, Advisor-Approved AGR Elective	3		
	Required Minor Program	18		
Subtotal Murray State Credit Hours		86-89		
Total Baccalaureate Degree Credit Hours		122		

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

At least 18 credits must be from AGR

Must earn a minimum grade of B in: AED 104, AED 380, AED 501, EDU 180, EDU 280, EDU 380, EDU 480 and EDU 485