

TRANSFER PATHWAY GUIDE

FOR

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

Overview

Completion of the following curriculum will satisfy the requirements for an Associate in Applied Science in Agriculture/Horticulture at the Kentucky Community and Technical College System and leads to the Bachelor of Science in Agricultural Science/Horticulture Track at Murray State University. Students completing their AAS in Agriculture with KCTCS can complete their Agricultural Science/Horticulture 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/Horticulture AAS TO Murray State University's Bachelor of Science in
Agricultural Science/ Horticulture 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.

Horticulture Track Courses

KCTCS Course	Course or Category	Credits	Murray State Course	Completed
AGR 160	Horticultural Science	3	AGR 160	
AGR 180	Agricultural Internship I	2	TBD XXX	
AGR 135	Herbaceous Plant Production	3	TBD XXX	
AGR 155	Greenhouse Production	3	TBD XXX	
AGR 255	Fruit and Vegetable Production	3	TBD XXX	
Subtotal Horticulture 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/Horticulture

Murray State Course	Course	Credits	KCTCS Course	Taken at KCTCS
AGR 100T**	Transitions	1		
ART 101	Drawing I: Introduction to Drawing	3	ART 110	
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 263	Woody Plant Materials I	2		
AGR 360	Greenhouse Production & Management	3		
AGR 361	Horticulture & Greenhouse Management Production	3		
AGR 363	Woody Plant Materials II	2		
AGR 365	Herbaceous Plant Materials	2		
AGR 367	Residential Landscape Design	3		
At least one: AGR 460	Professional Experience in Horticulture	3		
AGR 488	Cooperative Education/Internship	1-3		
AGR 461	Plant Propagation	3		
AGR 541	Crop Physiology	3		
AGR 563	Arboriculture	3		
At least four: AGR 261	General Pomology	3		
AGR 262	Vegetable Crop Production			
AGR 362	Floral Design			
AGR 436	Undergraduate Research in Agriculture			
AGR 463	Horticulture Therapy			
AGR 542	Plant Breeding			
AGR 546	Integrated Pest Management			
AGR 549	Weeds & Their Control			
AGR 564	Public Garden Management & Practicum			
AGR 569	Interior Landscaping			
Required Emphasis Tracks Listed Below (Agriculture Business, Extension/Leadership Horticulture, Sustainable Horticulture, Turf Management and Landscape Design)		15-16		
Subtotal Murray State Credit Hours		77 - 84		
Total Baccalaureate Degree Credit Hours		122		

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

Turf Management and Landscape Design Emphasis

Murray State Course	Course	Credits	KCTCS Course	Taken at KCTCS
AGR 462	Fine Turf Management	3		
AGR 477	Agriculture Power Units	3		
AGR 549	Weeds & Their Control	3		
AGR 564	Public Garden Management & Practicum	3		
TBS XXX	Advisor-Approved Agriculture Elective	3		

TBS XXX means to be selected.

Extension/Leadership Horticulture Emphasis

Murray State Course	Course	Credits	KCTCS Course	Taken at KCTCS
AED 380	Agriculture Education & Leadership	3		
NLS 290	Community & Non-Profit Engagement	3		
NLS 390	Program Development	3		
NLS 351	Leadership, Government, & Board of Development	3		
TBS XXX	AGR, AED, COM, MGT, MKT, or NLS Elective	3		

TBS XXX means to be selected.

Agriculture Business Emphasis

Murray State Course	Course	Credits	KCTCS Course	Taken at KCTCS
AGR 334	Entrepreneurship in Agriculture	3		
AGR 337	Agricultural Sales & Merchandising	3		
AGR 338	Rural Economic Development	3		
MGT 350	Fundamentals of Management	3	BAS 283	
MKT 360	Principles of Marketing	3	BAS 282	

Sustainable Horticulture Emphasis

Murray State Course	Course	Credits	KCTCS Course	Taken at KCTCS
BIO 222	Botany: Plant Form and Function	4	BIO 140 & 141	
AGR 351	The Impacts of Climate Change in Agriculture	3		
At least one:				
AGR 378	Agricultural Environment Management Systems	3		
EES 424	Conservation & Environmental Geosciences	3		
AGR 562	Principles of Agroecology	3		
AGR 565	Public Garden Management Practicum	3		

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