

TRANSFER PATHWAY GUIDE

FOR

Associate in Applied Science in Education to Murray State University's Bachelor of Science Middle School Education/5-9 Certification Track (1 concentration - Science)

Overview

Completion of the following curriculum will satisfy the requirements for Associate in Applied Science in Education at the Kentucky Community and Technical College System and leads to the Bachelor of Science Middle School Education/5-9 Certification Track (1 concentration - Science) at Murray State University.

Admission Requirements

Murray State University admission requirements for domestic first-time transfer students can be found online [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. A minimum grade of *B* is required in EDU 180, 280, 380, and 480. A minimum 2.75 GPA is required. Certification requires a minimum grade of *B* in the following: one English composition course, one University Studies math course, and a public speaking course.

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 on or before February 5th before the Fall semester entry. All students must complete the FAFSA to be eligible for scholarships.

**KCTCS Education AAS TO Murray State University's Bachelor of Science Middle School
Education/5-9 Certification Track (1 concentration – Science) CHECKLIST**

Kentucky Community and Technical College System

Category 1: KCTCS General Education Requirements

KCTCS Course	Course or Category	Credits	Murray State Course	Completed
ENG 101	Writing I	3	ENG 105	
ENG 102	Writing II	3		
COM 181	Basic Public Speaking	3	COM 161	
TBS XXX	Arts & Humanities	3-4	TBD XXX	
HIS 108 OR HIS 109	History of the United States Through 1865 OR History of the United States Since 1865	3	HIS 221 OR HIS 222	
MAT 146 OR MAT 150 OR MAT 141	Contemporary College Mathematics OR College Algebra OR Liberal Arts Mathematics	3	MAT 117 OR MAT 140 OR MAT 117	
AST 101 OR AST 191 OR AST 192	Frontiers of Astronomy OR The Solar System OR Stars, Galaxies, & Univ	3	AST 115	
AST 195 OR ASY 195	Intro Astronomy Lab OR Introductory Astronomy Lab	1	AST 116	
BIO 112	Introduction to Biology	3	BIO 101	
BIO 113	General Biology Lab	1	BIO 100	
PSY 110	General Psychology	3	PSY 180	
TBS XXX	Social & Behavioral Sciences	6	TBD XXX	
Subtotal General Education Courses		35-36		

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 Core Requirements

KCTCS Course	Course or Category	Credits	Murray State Course	Completed
EDU 204	Technology in the Classroom	3	TBD XXX	
EDU 201	Intro to American Education	3	EDU 180	
EDP 202	Human Development & Learning	3	EDU 280	
EDP 203	Teaching Exceptional Learners in Regular Classrooms	3	SED 300	
BIO 137 OR BIO 140 & 141 OR BIO 142 & 143	Human Ana & Phys I w/Lab OR Botany w/Lab OR Zoology w/Lab	4	BIO 227 & 228 OR BIO 222 Or BIO 221	
CHE-104 OR CHE-140	Introductory General Chemistry OR Introductory General Chemistry	3	CHE 105	
GLY 101	Physical Geology	3	EES 101	
GEO 251	Weather & Climate	3	EES 125	
PH 171 OR PHY 171	Applied Physics	4	PHY 125 + PHY 126	
	Subtotal AAS Requirement Courses	29		
	TOTAL Associate Degree Hours	64-65		

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

Murray State University

Major Requirements for Bachelor of Science Middle School Education/5-9 Certification Track (1 concentration – Science)

Murray State Course	Course	Credits	KCTCS Course	Taken at KCTCS
EDU 100T*	Transitions	1		
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		
MID 307	Middle School Writing and Content Literacy	3		
MID 342	Middle Level Teaching Strategies	3		
MID 395	Advanced Strategies of Teaching in the Middle Grades	4		
MID 422	Extended Practicum	4		
MID 391	The Pedagogy of Technology in Middle Grades Education	3		
MID 397	Middle School Science Methods	2		
MID 421	Middle School Student Teaching	14		
TBS XXX	Approved Science Elective 300-400 level	3		
Subtotal Murray State Credit Hours		46		
Additional MSU Credit Hours Needed to Degree		14		
Total Baccalaureate Degree Credit Hours		124-125		

* Transitions courses are waived for students who transfer 36 hours or more to Murray State University.

** Must earn a minimum grade of B.

Updated: July 29, 2026