

**Murray State University**  
**MIDDLE SCHOOL MATH/SCIENCE EDUCATION**  
**MSU/ 2 + 2 Program**  
Bachelor of Science, Provisional Classroom Teaching Certification

Spring 2018

Name \_\_\_\_\_  
Last First Middle M#

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

Where is the Course Offered?					You will be required to attend a week at Murray State prior to Student Teaching.	
When	Hrs	MSU	CC	Grade	Community College Class	Comments
<b>Communications &amp; Basic Skills (9 hours)</b>						
	3	ENG101	X		ENG 101 Writing I	Grade of A or B in one of these classes
	3	ENG102	X		ENG 102 Writing II	
	3	COM161	X		COM 181 Basic Public Speaking	
<b>Science &amp; Math (60 hours)</b>						
	4	BIO101	X		BIO 112, plus lab (BIO 113) (F, Sp)	
	4	BIO 216	X		BIO 216 or BIO 116&117 (F)	
	4	GSC199	X		GLY 101, plus lab (GLY 111) (F)	
	4	AST 115, AST 116	X		AST 191, plus lab (AST195) (F, Sp)	
	4	CHE 105	X		CHE 140, plus lab (CHE 145) (Sp)	
	4	PHY 125, PHY 126	X		PHY 171, (internal lab) (F, Sp)	
	3	MAT 140	X		MAT 150 (College Algebra)	Grade of B or higher
	3	MAT 115	X		MAT 205 (Math for Ele. Teachers I) (F)	Pre-req: MT 150 with B or better
	3	MAT 215	X		MAT 206 (Math for Ele. Teachers II) (Sp)	
	3	MAT 145	X		MAT 155 (Trig) (F, Sp)	
	5	MAT 250	X		MAT 175 (Calculus) (F, Sp)	
	3	MAT 135			STA 220 (Statistics)	Substitution form required
Murray	3	MAT 305			MAT 305 (Int. Geometry) (Sp)	Murray Class
Murray	3	MAT 399			MAT 399 (Sets, Logic, Function) (F)	Murray Class
<b>Humanities &amp; Fine Arts (3 hours)</b>						
	3		X		Humanities (ENG 161 recommended, but not required; OR ART 100, MUS 100, REL 130, PHI 100)	
<b>Social Interaction (9 hours)</b>						
	3	PSY 180	X		PSY 110 – General Psychology	
	3	EES 110	X		GEO 152- (Cultural Studies Requirement)	
	3	POL 140	X		POL 101 -(American Government)	
<b>Heritage (3 hours)</b>						
	3	HIS 221 or 222	X		HIS 108 or HIS 109	
<b>Computer Literacy (3 hours)</b>						
	3	EDU222 CSC199	X		EDU204 or CIT105	Grade of C or higher
<b>Other Classes needed from CC:</b>						
	3	EDU 180	X		EDU 201—Introduction to Teaching	Pre-req: ENG 101 Grade of B or higher required in ED 201
	3	EDU 280	X		EDP 202—Human Dev. and Learning	

## Murray State University Courses

**Note : Students must have met requirements to be admitted to teacher education to enroll in these courses.**

When	Hrs	MSU	CC	Grade		Comments
Fall	3	X			MID 342 – Middle School Teaching Strategies (6)	Met requirements to be admitted to Teacher Ed.
Fall	3	X			EDU 380 – Inclusive Teaching(10)	Met requirements to be admitted to Teacher Ed.
Fall	3	X			MAT 399—Sets, Function, Logic	
Spring	2	X			EDU 480—Effective Pedagogy	Adm. to tea. ed. req.
Spring	3	X			MAT 305—Intermediate Geometry	Adm. to tea. ed. req.
Spring	4	X			MID 395 Advanced Teaching Strategies	Adm. to tea. ed. req.
Fall	4	X			MID 422 Extended Practicum	Adm. to tea. ed. req.
Fall	3	X			MID 307—Middle School Writing and Content Lit.	Adm. to tea. ed. req.
Fall	1	X			EDU 485—Professional Perspectives	Adm. to tea. ed. req.
						Adm. to tea. ed. req.
Spring	14	X			MID 421 – Student Teaching	Adm. to tea. ed. and student teaching req.
Spring	0	X			ERA 487	Adm. to student teaching req.

**Total Curriculum Requirements - 125 hours**

**24 hours Science; 26 hours Math (24 required in each track)**

**\*\*With an approved AS or AA degree, it is assumed the General Education requirements on page 1 have been met.**

### **\*\*\*Computer competency**

Certification requires demonstration of computer competency to meet Kentucky new Teacher Standard IX. All teacher education students in P-5, 5-9, 8-12, or P-12 programs must demonstrate computer literacy prior to approval for student teaching and may do so through one of the plans described below.

Plan 1: Pass approved computer literacy exam administered jointly by College of Education and College of Business and Public Affairs.

Plan 2: Successful completion, with grade of C or better, of EDU204 (3 credit hours) or equivalent.

**NOTE:** If course was taken more than ten years ago and did not contain content equivalent to the current EDU204, the course may be required again.

**NOTE:** Students may begin taking teacher education courses without being admitted to Teacher Education Program. HOWEVER, students who have **not** been admitted to Teacher Education will be blocked from enrolling in specific upper level courses.

Total hours transferred from Madisonville Community College – up to 74.

Students must earn 42 hours at the 300 or above course level.

Continuous assessment procedures will be used to document and systematically monitor student progress through the education program in order to determine the degree to which students have internalized and can demonstrate proficiency with the New Teacher Standards.

## **Program Requirements**

***Faculty continuously assess candidates' progress toward demonstrating proficiency in the Kentucky Teacher Performance Standards using a checkpoint system: admission to teacher education, admission to student teaching, and program completion. The eligibility portfolio is assessed during the student teaching semester.***

Teacher certification requirements are subject to change. Before registering for test(s), please refer to the Educational Testing Service (ETS) website for current requirements or contact your academic advisor.

## **REQUIREMENTS FOR ADMISSION TO TEACHER EDUCATION AND STUDENT TEACHING AT MURRAY STATE UNIVERSITY (Revised 8-29-18)**

### ***Teacher Education***

To be admitted to teacher education, students must meet these requirements.

1. Attend an admission to teacher education orientation.
2. Review the Professional Code of Ethics for Kentucky School Personnel. During the admission to teacher education orientation, sign the **Declaration of Eligibility** (pink sheet) affirming a commitment to uphold the code and acknowledging awareness of information required for state certification. If answers given on the Declaration of Eligibility change during the time of participation in the teacher education program, the Director of Teacher Education Services must be notified immediately.
3. Earn passing subject scores on one of these tests. Request ETS to send scores to Teacher Education Services electronically by using this code - R1494.
  - a) Core Academic Skills for Educators (CASE): Reading 156, Writing 162, Mathematics 150
  - b) PPST (taken before 9-2-14): Reading 176, Writing 174, Math 174
  - c) GRE (Graduate Records Exam): Verbal 150, Quantitative 143, analytical Writing 4.0. This exam is for students seeking initial certification at the graduate level
4. Earn an overall undergraduate GPA of  $\geq 2.75$  on a 4.0 scale at the point of admission to teacher education. Maintain a 2.75 GPA throughout the entire certification program.
5. Complete a minimum of 24 credit hours with a GPA  $\geq 2.75$ , including this coursework:
  - a) ENG 101, 102, 104 or 105 with a "B" or higher
  - b) MAT 117 (or higher level math) with a "B" or higher
  - c) COM 161 or HON 165 with a "B" or higher
  - d) EDU 180 or equivalent course with a "B" or higher
6. Schedule an admission to teacher education interview with academic advisor.
7. Submit application in *Recruiter*. Admission will only be granted following a successful review by Teacher Education Services.

NOTE: Students who have not been admitted to Teacher Education will not be eligible to enroll in upper level courses that specify admission to teacher education as a prerequisite.

## Student Teaching

To be admitted to student teaching, students must meet these requirements.

1. Gain admission to Teacher Education.
2. Attend an Admission to Student Teaching orientation.
3. Formally apply for admission to student teaching two semesters before they plan to student teach. Applications are initiated during student teaching orientations.
4. Complete the supplemental items required for student teaching in *Recruiter*. See the Teacher Education Services homepage- Student Resource Links – Help Documents
5. Earn and maintain GPA  $\geq 2.75$  in major/areas, professional education, and overall.
6. Demonstrate teaching ability during clinical experiences.
7. Document completion of 200 or more field hours and required components.
8. Complete all major courses and specialty areas to attain senior, post-bac, or graduate status.
9. Complete all required professional teacher education courses (EDU 180, EDU 280, EDU 380, EDU 480, EDU 485 or equivalents) with a “B” or higher.
10. File a valid and current medical examination, including a TB risk assessment within six months of student teaching.
11. Complete a criminal records background check and a Child Abuse and Neglect check.
12. Supply TES with additional information upon request (e.g. transcripts, course exception forms, etc.).

## General Requirements for Kentucky Certification

Graduates who are seeking recommendation for initial Kentucky teaching certification must meet these requirements.

1. Complete an approved teacher education program including student teaching.
2. File an application for certification (CA-1) with Teacher Education Services at MSU.
3. Obtain passing scores on the PRAXIS II specialty area tests and the appropriate Principles of Learning and Teaching Test (PLT).
4. Complete all applicable computer literacy and applications requirements.
5. Earn a bachelor’s degree.
6. Pay certification fee to Kentucky Department of Education/Office of Educator Licensure and Effectiveness (formerly EPSB).
7. Send an official transcript to Office of Educator Licensure and Effectiveness (formerly EPSB).

To be recommended for certification in other states, all Kentucky requirements must be met.

**NOTE: Requirements for Kentucky teacher certification may occur after publication of the current Murray State University *Bulletin*. For the most current information, students should check with their academic advisor.**

### **Murray State University Middle School/ Math and Science Certification Madisonville Extended Campus/AS Degree**

#### **Freshman Fall:**

ENG 101(3)  
PSY 110 (3)  
AST 191, AST 195 (4)

#### **Freshman Spring:**

ENG 102 (3)  
BIO 112, 113 (4)  
CHE 140, CHE 145 (4) (F and Sp)

MAT 150 (3)  
COM181 (3)

**16 hours**

**Sophomore Fall:**

EDU 201 (3) (F)  
EDU 204 or CIT105 (3)  
MAT 155 Trig (3)  
MAT 205 (3)  
BIO 216 (4) or BIO 116& BIO 117

**16 hours**

**Junior Fall**

MID 342 (3)  
EDU 380 (3)  
MAT 399 (3)  
GLY 101, + 111 (4) (F)  
PHY 171 Applied Physics (4)

**17 hours**

**Senior Fall**

EDU 485 (1)  
MID 307 (3)  
MID 422 (4)

**8 hours**

ENG 161 or ART100 or MUS100 or REL130 (3)  
HIS108 or HIS109 (3)

**17 hours**

**Sophomore Spring:**

EDP 202 (3)  
GEO 152 (3)  
MAT 175 Calculus I (5)  
MAT 206 (3)

**14 hours**

**Junior Spring**

POL101 (3)  
EDU 480 (2)  
MAT 305 (3)  
MID 395 (4)  
STA 220 (3)

**19 hours**

**Senior Spring**

MID 421 Student Teaching (14)  
ERA 487 (0)

**14 hours**

**\*There are no substitutions made for the math and science classes.**