

**MURRAY STATE UNIVERSITY
BACHELOR OF SCIENCE DEGREE
EARTH and ENVIRONMENTAL SCIENCES TEACHER CERTIFICATION
PROGRAM
GRADES 8 THROUGH 12**

Student's Name: _____ M# Date: _____

University Studies for B.S. degree – 44 hours

COURSES	HRS	SEMESTER	GRADE
I. <u>Oral and Written Communication – 7 hours</u>			
ENG 105 Critical Reading, Writing & Inquiry	4	_____	_____
COM 161 Introduction to Public Speaking	3	_____	_____
II. <u>Scientific Inquiry, Methodologies, & Quantitative Skills– 13 hours</u>			
MAT 150 Algebra and Trigonometry	5	_____	_____
EES 101 The Earth and the Environment	4	_____	_____
EES 102 Earth Through Time	4	_____	_____
III. <u>Global Awareness, Cultural Div., & the World's Art. Trad. - 3 hours</u>			
EES 110 World Geography	3	_____	_____
IV. <u>Social and Self-Awareness and Responsible Citizenship - 6 hours</u>			
Ethics Elective _____	3	_____	_____
Social Science Elective _____	3	_____	_____
V. <u>World's Historical, Literary, and Philosophical Traditions - 6 hours</u>			
HUM 211 Western Humanities Tradition	3	_____	_____
CIV 201 or CIV 202	3	_____	_____
VI. <u>University Studies Approved Electives - 6 hours</u>			
ARC 150 Introduction to Archaeology	3	_____	_____
CSC 101 Problem Solving Using Computers	3	_____	_____

Earth & Environmental Science Certification Curriculum - 120 hours

Required Courses - 33 hrs

ARC 320 Human Ecology	3	_____	_____
AST 115 Introductory Astronomy	3	_____	_____
AST 116 Introductory Astronomy Laboratory	1	_____	_____
EES 100T Transitions	1	_____	_____
EES 125 Weather and Climate	4	_____	_____
EES 202 Introduction to Geographic Information Sciences	4	_____	_____
EES 301 Understanding Scientific Communication	2	_____	_____
EES 303 Introduction to Water Science	3	_____	_____
EES 312 Introduction to Remote Sensing	4	_____	_____

EES 336 Principles of Geomorphology	4	_____	_____
EES 339 Field Geology	3	_____	_____
<i>or</i>			
EES 350 Field Techniques in Geosciences			
Required for Secondary Certification - 31 hrs			
EDU 180 Exploring the Teaching Profession	3	_____	_____
EDU 280 Educating for Human Development	3	_____	_____
EDU 380 Inclusive Teaching of Diverse Students	3	_____	_____
EDU 480 Effective Pedagogy	2	_____	_____
EDU 485 Professional Perspectives for Teaching	1	_____	_____
SEC 420 Practicum in Secondary Schools	3	_____	_____
SEC 421 Student Teaching in the Secondary School	14	_____	_____
SEC 422 Extended Practicum	4	_____	_____
Required Limited Electives - 12 hrs			
(course 1) _____	—	_____	_____
(course 2) _____	—	_____	_____
(course 3) _____	—	_____	_____
(course 4) _____	—	_____	_____

*NOTE: Check Undergraduate Bulletin for approved electives.

All placements for student teaching are made the semester prior to the professional semester. Only students fully admitted to teacher education will be considered for placement. See below the Requirements for Admission to Teacher Education.

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 Kentucky Teacher Standards. The eligibility portfolio will be assessed during the student teaching semester. Check Points are designed to facilitate student progress through the education program, provide students with information for completion of the portfolio at designated stages and serve as a means for making recommendations for improvement or remediation when needed, to be reviewed at the next check point.

Teacher certification requirements are subject to change. Before registering for the test(s), please refer to the Education Professional Standards Board (EPSB) website at www.kyepsb.net for current requirements or contact the Division of Internship and Assessment at 502-564-4606 or 888-598-7667.

GRADE POINT AVERAGE REQUIREMENTS:

Grade point averages are reviewed during three checkpoints: admission to teacher education (see Requirements for Admission to Teacher Education), admission to student teaching (requires a 2.75 average overall; a 2.75 average in content area; a 2.75 average in professional education) and at the time of completion/graduation (2.75 overall).

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 ≥ 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 ≥ 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 ≥ 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.

Student’s Signature

Date

Advisor’s Signature

Date