

**MURRAY STATE UNIVERSITY
BACHELOR OF SCIENCE DEGREE
EARTH SCIENCE 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	_____	_____
GSC 101 The Earth and the Environment	4	_____	_____
GSC 102 Earth Through Time	4	_____	_____
III. <u>Global Awareness, Cultural Div., & the World's Art. Trad. - 3 hours</u>			
GSC 110 World Geography	3	_____	_____
IV. <u>Social and Self-Awareness and Responsible Citizenship - 6 hours</u>			
Ethics Elective _____	3	_____	_____
EDP 260 Psychology of Human Development	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 - 9 hours</u>			
ARC 150 Introduction to Archaeology	3	_____	_____
CSC 101 Problem Solving Using Computers	3	_____	_____
EDU 103 Issues and Practices of American Education	3	_____	_____

GSC Earth Science Certification Curriculum - 120 hours

Required Courses - 32 hrs

AST 115 Introductory Astronomy	3	_____	_____
AST 116 Introductory Astronomy Laboratory	1	_____	_____
GSC 100T Transitions	1	_____	_____
GSC 125 Weather and Climate	4	_____	_____
GSC 202 Introduction to Geographic Information Sciences	4	_____	_____
GSC 301 Understanding Scientific Communication	2	_____	_____
GSC 303 Introduction to Water Science	3	_____	_____
GSC 305 Introduction to Cartography	3	_____	_____
GSC 312 Introduction to Remote Sensing	4	_____	_____

GSC 336 Principles of Geomorphology	4	_____	_____
GSC 339 Field Geology	3	_____	_____
<i>or</i>			
GSC 350 Field Techniques in Geosciences			
Required for Secondary Certification - 32 hrs			
EDU 303 Strategies of Teaching	3	_____	_____
EDU 403 Structures and Foundations of Education	2	_____	_____
EDU 405 Evaluation and Measurement in Education	3	_____	_____
SEC 420 Practicum in Secondary Schools	3	_____	_____
SEC 421 Student Teaching in the Secondary School	14	_____	_____
SEC 422 Extended Practicum	4	_____	_____
SED 300 Educating Students with Disabilities	3	_____	_____
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).

**REQUIREMENTS FOR ADMISSION TO TEACHER EDUCATION AND STUDENT TEACHING
AT MURRAY STATE UNIVERSITY Rev. (9/2015)**

Teacher Education

To be admitted to teacher education, students must:

1. Attend an admission to teacher education orientation.

2. Earn passing scores on the Core Academic Skills for Educators (CASE) test with these subject scores – Reading 156, Writing 162, and Mathematics 150. Request ETS to send scores to Teacher Education Services electronically by using this code, R1494. If any of the PPST subject areas were passed prior to September 1, 2014, use these PPST scores - Reading 176, Writing 174, and Math 174. GRE (Graduate Records Exam) scores may be used for Graduate Students only with a minimum passing score of 150 in verbal, 143 in quantitative, and 4.0 in analytical writing.
3. Earn an overall undergraduate GPA of > 2.75 on a 4.0 scale at the point of admission. This 2.75 minimum GPA remains a requirement throughout the teacher certification program.
4. Complete a minimum of 24 credit hours with a GPA > 2.75 to include the following 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 103 with a “B” or higher (or AED 380 or EDU 104 or CTE 200 or MSU 123 or ELE 605 [graduate students])
5. Participate in the admission to teacher education interview and receive their academic advisor’s recommendation to continue the program.
6. Review the Professional Code of Ethics for Kentucky School Personnel. Sign the
 - a. Declaration of Eligibility (pink sheet) affirming a commitment to uphold the code and
 - b. 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.

These requirements must be documented in *Recruiter*. CASE or GRE scores must be sent to MSU (R1494) via ETS. 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 have

- 1) been granted admission to Teacher Education;
- 2) filed a formal application in Teacher Education Services two semesters prior to the term in which student teaching is desired (Applications are distributed at scheduled student teaching orientations only.);
- 3) earned and maintained GPA ≥ 2.75 in major/areas, professional education, and overall;
- 4) demonstrated teaching ability in field and clinical situations;
- 5) documented completion of 200 or more field hours and components (beginning 9/1/2013);

- 6) senior, post-bac, or graduate status and have completed all major courses and specialty areas;
- 7) been admitted to Teacher Education;
- 8) completed all required professional teacher education courses (EDU 103, EDP 260,
- 9) EDU 303, SED 300 and EDU 403, etc. – see specific requirements by major or area) with a GPA > 2.75 GPA;
- 10) filed a valid and current medical examination, which includes a TB risk assessment (to begin student teaching within six months of exam);
- 11) obtained a criminal records background check; and
- 12) supplied TES with any other required information (transcripts, course substitution forms, etc.).

General Requirements for Kentucky Certification

Graduates who wish to be recommended by MSU for an initial Kentucky teaching certificate must have

- 1) successfully completed an approved teacher education program including student teaching;
- 2) filed an application for certification (CA-1) with Teacher Education Services at MSU;
- 3) obtained at least minimal scores required on PRAXIS specialty area tests and the appropriate Principles of Learning and Teaching Test (PLT);
- 4) completed all applicable **computer literacy and applications** requirements;
- 5) earned a bachelor’s degree;
- 6) mailed a copy of criminal record check to EPSB; and
- 7) sent official transcript to EPSB.

In addition, in Kentucky, full certification requires the completion of the Kentucky Teacher Internship Program. To be recommended for certification in other states, all Kentucky requirements must be met.

NOTE: Requirements for teacher certification are established by the Kentucky Education Professional Standards Board (KEPSB). Students are cautioned that changes in these requirements may occur after publication of the current Murray State University *Bulletin*. For the most current information, students should check with an advisor in one of the departments in the College of Education.

Student’s Signature Date

Advisor’s Signature Date