WRITING INTENSIVE – 5 courses of writing composition will be required of all BSE candidates. Transfer student “WI” requirements vary. See catalog for details.

GENERAL ED REQUIREMENTS

- A. ENG 101 Eng Comp (WI) 3
- A. ENG 102 or 111 Eng Comp (WI) 3
- B. COMM 100 Oral Comm 3
- C. MATH 130 & 135 or 140 5/6
  (Check major for required math)
- D1. Life Sciences 4
- (BIO 110; see Biology requirements)
- D2. CHEM; PHYS; or GEOG 5
  (CHEM 151; see supporting requirements)
  (Check major for requirement)
- E1. HIST 110 or 120 American Hist 3
- E1. PSC 120 Nat’l, State, Gov’t 3
- E2. PSY 100 General Psychology 3
- E2. Social & Behavioral Science 3
  (ECON 180, GEOG 101, SOC 110)
- F1. Humanities & Fine Arts 3
- (ART 110, MUSIC 106 or 110, TH 110)
- F2. Humanities & Fine Arts 3
  (ENG 150, 261, 262, 271, 281, 282, 305, PHIL 201, 212)
- G. KINE 103 Lifetime Wellness 2
- H. UE 100 University Experience 3
- I. EDUC 280 Educ in Global Society 3

DEPT OF EDUCATION REQUIREMENTS (DESE)

- EDUC 100 Intro to Teacher Ed 1
  (recommended, not required)
- EDUC 301 Technology in Education 3
- EDUC 302 Exceptional Child 2
- PSY 201 Adolescent Psych 3
- PSY 310 Ed Psych 2

DEPARTMENT OF TEACHER ED REQUIREMENTS

- Grades of C or better in professional education are required for Certification by the State of Missouri
- 12 hrs max - correspondence courses
- 40 hrs min of upper division courses
- 55 hrs required to enter Jr. Block
- 2.75 GPA
- Enhanced ACT composite 20 or higher
- Mo GEA must be passed before Jr. Block

Courses with an EDUC prefix cannot be taken until the Jr. Block has been completed. Exceptions: EDUC 100, 280, 301, & 302 should be taken prior to Jr. Block.

APPLICATION FOR ADMISSION TO TEACHER ED MUST BE COMPLETED PRIOR TO JR. BLOCK.

JR. BLOCK

- EDUC 321 Microteaching 2
- EDUC 329 Pedagogy 4
- EDUC 423 Classroom Mgt 2
- EDUC 422 Cont. Area Lit: Sec. WI (Recommended with Jr. Block)
- EDUC 333 Tchng Sci in Sec Sch (Recommended with Jr. Block)

ELECTIVE (Choose One)

- EDUC 402 Hist/Phil Pers Edu (5th WI) 2
- EDUC 412 Mid Sch Org/Ph & Cu 2
- EDUC 413 Meth of Tch M.S. 2
- EDUC 420 Intro to Coun WI 3
- PSY 412 Measurement & Eval 2

PROFESSIONAL SEMESTER

- EDUC 432 Critical Issues 2
- EDUC 462 Student Teaching (Sec.) 10

All candidates must submit an approved portfolio, pass the Praxis II Exam & complete an exit interview.

For Oklahoma, Kansas, & Arkansas certification see the certification officer in the Dean’s Office, School of Education.
**BIOLOGY REQUIREMENTS**

**Biology Requirements (33-34 hrs)**

**Animal Form and Function (13 hrs)**
- BIO 121 Anatomy & Physiology I  
  4 hrs
- BIO 221 Anatomy & Physiology II  
  5 hrs
- BIO 110 Principles of Biology I  
  4 hrs

**Plant Form and Function (4 hrs)**
- BIO 111 Principles of Biology II  
  4 hrs

**Cell Biology, Genetics, Evolution (13 hrs)**
- BIO 210 Molecular Biology  
  4 hrs
- BIO 231 Gen and Med Microbiology  
  5 hrs
- BIO 305 Genetics  
  4 hrs

**Biology Elective - Environmental/Earth Science: (select one)**
- BIO 312 Environmental Biology  
  4 hrs
- OR
- BIO 402 General Ecology  
  OR
- BIO 481 Aquatic Ecology

**Supporting Requirements (23)**

- PHIL 420 Philosophy of Science  
  OR
- Approved Substitute  
  3 hrs
- MATH 140 Algebra and Trigonometry  
  5 hrs
  (MATH 130 + MATH 135 = MATH 140)
- CHEM 151 General Chemistry I  
  5 hrs
- CHEM 152 General Chemistry II  
  5 hrs
- PHYS 151 Elem College Physics I  
  5 hrs
- PHYS 152 Elem College Physics II  
  4 hrs

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