



Hannibal-LaGrange University

## Bachelor of Science in Education

### Secondary Education - Certification in Mathematics - Odd Year Entry

#### Freshman - FALL SEMESTER - 15.5 hours

##### GENERAL EDUCATION REQUIREMENTS

- HLG 011 Freshman Seminar (1)
- ENG 104 English Composition I (3)
- HST/PLS US History/Government (3)

##### MAJOR REQUIREMENTS

- EDU 223 Psychology of Learning † (3)
- EDU 100 Field Experience I † (.5)
- MTH 185 Calculus I (5)

#### Sophomore - FALL SEMESTER - 17 hours

##### GENERAL EDUCATION REQUIREMENTS

- CAS 101 Intro to Speech Communication (3)
- BIB 113/123 Old or New Testament Survey (3)
- LIT Literature Course (3)

##### MAJOR REQUIREMENTS

- MTH 215 Calculus III (5)
- MTH 127 Elementary Statistics **OR**  
MTH 483 Probability & Statistics (3)
- Apply for Admittance into Teacher Ed Program**

#### Junior - FALL SEMESTER - 16-17 hours

##### GENERAL EDUCATION REQUIREMENTS

- PHE 212 First Aid & CPR (2)
- PHS 133 Earth Science I (3) or other Physical Sci.
- PLS 131 US and MO Constitutions\* (1)

##### MAJOR REQUIREMENTS

- SED 423 Sec. Ed. Methods in Content Area Spec. † (3)
- EDU 301 Content Area Practicum † (1)
- MTH 354 Linear Algebra (3)
- MTH 401 Seminar I (1)
- Elective (3)

#### Senior - FALL SEMESTER - 15 hours

##### GENERAL EDUCATION REQUIREMENTS

- Fine Arts Course (3)

##### MAJOR REQUIREMENTS

- MTH 413 History of Math (3)
- EDU 313 Psych & Ed of Exceptional Child (3)
- EDU 383 Edu. Tests & Measurement (3)
- Elective (3)
- Apply for Student Teaching Placement**
- Take Missouri Content Assessment** (Towards the end of the semester)

#### Freshman - SPRING SEMESTER - 17 hours

##### GENERAL EDUCATION REQUIREMENTS

- ENG 106 English Composition II (3)
- HST/PLS US History/Government (3)

##### MAJOR REQUIREMENTS

- EDU 213 Literacy for Div. Learners (3)
- MTH 186 Calculus II (5)
- MTH 210 Discrete Mathematics (3)

#### Sophomore - SPRING SEMESTER - 16.5 hours

##### GENERAL EDUCATION REQUIREMENTS

- PHE or VAR P.E. Activity (1)

##### MAJOR REQUIREMENTS

- CIS 203 Programming Fundamentals (3)
- EDU 200 Field Experience II † (.5)
- EDU 203 Curriulum & Instruction † (3)
- MTH 223 Differential Equations (3)
- MTH 343 Modern Geometry (3)
- MTH 310 Technology in Math (3)

#### Junior - SPRING SEMESTER - 17 hours

##### GENERAL EDUCATION REQUIREMENTS

- BIO 105 General Biology (4)

##### MAJOR REQUIREMENTS

- SED 403 Classroom Management (3)
- SED 336 Reading & Writing/Content (3)
- PSY 263 Child & Adolescent Psychology (3)
- MTH 353 Modern Abstract Algebra (3)
- MTH 402 Seminar II (1)

#### Senior - SPRING SEMESTER - 12 hours

##### MAJOR REQUIREMENTS

- EDU 479 Professional Semester (12)

\*required for non-Missouri high school graduates  
†taken concurrently

**NOTE: Admission to the Teacher Education Program is a prerequisite for taking 300-level and 400-level courses.**

This is a proposed guideline. Please check the catalog and see your advisor for your final degree requirements.

Hannibal-LaGrange University reserves the right to make changes to degree plans without advanced notice or obligation.

The student is responsible for understanding and completing all general education, degree, departmental and graduation requirements. Revised 07/16