



Hannibal-LaGrange University

Bachelor of Science

Mathematics - Odd Year Admission

Freshman - FALL SEMESTER - 16 hours

GENERAL EDUCATION REQUIREMENTS

- BIB 113/123 Old or New Testament Survey (3)
- ENG 011 Freshman Seminar (1)
- ENG 104 English Composition I (3)
- PLS 131 US and MO Constitutions * (1)

MAJOR REQUIREMENTS

- MTH 185 Analytic Geometry & Calculus I (5)
- Elective (3)

Sophomore - FALL SEMESTER - 15 hours

GENERAL EDUCATION REQUIREMENTS

- CAS 101 Intro to Speech Communication (3)
- LIT Literature Course (3)
- PHE P.E. Course (1)

MAJOR REQUIREMENTS

- MTH 215 Calculus III (5)
- MTH 127 Elementary Statistics (3)

Junior - FALL SEMESTER - 17-19 hours

GENERAL EDUCATION REQUIREMENTS

- HST History Course (3)
- PHE P.E. Course (1)
- Non-Life Science Course (3-5)

MAJOR COURSE REQUIREMENTS

- MTH 354 Linear Algebra (3)
- MTH 401 Seminar in Mathematics I (1)
- MTH 450 Advanced Calculus (3)
- Upper Level Elective (3)

Senior - FALL SEMESTER - 15 hours

GENERAL EDUCATION REQUIREMENTS

- General Education Option (3)

MAJOR REQUIREMENTS

- MTH 413 History of Math (3)
- MTH 483 Probability and Statistics (3)
- Upper Level Elective (6)

Freshman - SPRING SEMESTER - 17 hours

GENERAL EDUCATION REQUIREMENTS

- BIB 113/123 Old or New Testament Survey (3)
- ENG 106 English Composition II (3)

MAJOR COURSES

- MTH 210 Discrete Mathematics (3)
- MTH 186 Calculus II (5)
- Electives (3)

Sophomore - SPRING SEMESTER - 15 hours

GENERAL EDUCATION REQUIREMENTS

- LIT Literature Course (3)
- Fine Arts Appreciation Course (3)

MAJOR REQUIREMENTS

- MTH 223 Differential Equations (3)
- Upper Level Elective (3)
- CIS 203 Programming Fundamentals (3)

Junior - SPRING SEMESTER - 14-17 hours

GENERAL EDUCATION REQUIREMENTS

- BIO Life Science Course (3-4)
- HST History Course (3)
- Fine Arts Course (1-3)
- General Education Option (3)

MAJOR COURSE REQUIREMENTS

- MTH 353 Modern Abstract Algebra (3)
- MTH 402 Seminar II (1)

Senior - SPRING SEMESTER - 15 hours

MAJOR REQUIREMENTS

- MTH 343 Modern Geometry (3)
- Upper Level Electives (9)
- Elective (3)

*required for non-Missouri high school graduates

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

Hannibal-LaGrange 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 2/17