# Mathematics, B.S.

## Without Teacher Certification

### Freshman

#### Fall Credits
- MATH 101 \( 1 \)  
- MATH 165 \( 4 \)

#### Spring Credits
- MATH 166 \( 4 \)
- General Education/Electives/Foreign Language \( 11 \)

#### ENGL 150 \( 3 \)
- LIB 160 \( 1 \)

General Education/Electives/Foreign Language \( 6 \)

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### Sophomore

#### Fall Credits
- MATH 201 \( 3 \)
- MATH 265 \( 4 \)
- ENGL 250 \( 3 \)

#### Spring Credits
- MATH 267 \( 4 \)
- General Education/Electives \( 7 \)

General Education/Electives \( 5 \)

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### Junior

#### Fall Credits
- MATH 301 \( 3 \)
- MATH 414 \( 3 \)
- Communication Choice \( 1 \)

#### Spring Credits
- MATH 415 \( 2 \)
- General Education/Electives \( 9 \)

General Education/Electives \( 5 \)

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### Senior

#### Fall Credits
- Mathematics Choice, Level 300+ \( 3 \)

#### Spring Credits
- Mathematics Choice, Level 300+ \( 3 \)
- Mathematics Choice, Level 300+ \( 3 \)

#### General Education/Electives
- Mathematics Choice, Level 300+ \( 9 \)
- General Education/Electives \( 10 \)

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Total Credits: 120

Students in all ISU majors must meet the U.S. Diversity and the International Perspectives requirements. Check (http://www.registrar.iastate.edu/courses/div-ip-guide.html) for a list of approved courses. These courses may be courses that apply to other requirements.

The LAS General Education requirements for Mathematics majors are 12 credits Arts and Humanities, 8 credits Natural Science, and 9 credits Social Science from the approved lists: http://www.las.iastate.edu/academics/generaleducation/.

LAS majors require a minimum of 120 credits, including a minimum of 45 credits at the 300/400 level. Three of the required 45 300+ level credits must be earned in a general educational group outside the group of the major. Students must also meet the LAS foreign-language requirement and complete any unmet admission requirements.

1. ENGL 302, 305, 309, or 314, or JL MC 201.
2. Or other mathematics choice at the 300+ level. But the program must include MATH 301, MATH 414, and one of the two-course sequences 301, 302; 304, 314; 373, 481; 414, 415; or 435, 436.
3. Available Spring semester only.