MATHEMATICS, BA

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2023-2024. Learn more about University Academic Regulation 3.1 (http://catalog.okstate.edu/university-academic-regulations/#matriculation).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

Code | Title | Hours
---|---|---
**General Education Requirements**

*English Composition*
See Academic Regulation 3.5 (http://catalog.okstate.edu/ university-academic-regulations/#english-composition)
ENGL 1113 | Composition I | 3
or ENGL 1313 | Critical Analysis and Writing I | 3
Select one of the following: 3
- ENGL 1213 | Composition II |
- ENGL 1413 | Critical Analysis and Writing II |
- ENGL 3323 | Technical Writing |

*American History & Government*
HIST 1103 | Survey of American History | 3
or HIST 1483 | American History to 1865 (H) |
or HIST 1493 | American History Since 1865 (DH) |
POLS 1113 | American Government | 3

*Analytical & Quantitative Thought (A)*
MATH 2144 | Calculus I (A) | 4
CS 1103 | Computer Programming (A) | 3
or CS 1113 | Computer Science I (A) |

*Humanities (H)*
Courses designated (H) | 6

*Natural Sciences (N)*
Must include one Laboratory Science (L) course
PHYS 1114 | College Physics I (LN) | 4
or PHYS 2014 | University Physics I (LN) | 4

Course designated (N) | 2

*Social & Behavioral Sciences (S)*
Course designated (S) | 3

*Additional General Education*
Courses designated (A), (H), (N), or (S) | 6

**Hours Subtotal** | 40

*Diversity (D) & International Dimension (I)*
May be completed in any part of the degree plan
Select at least one Diversity (D) course
Select at least one International Dimension (I) course

**College/Departmental Requirements**

*First Year Seminar*
(Transfer students with 15 hours exempt) | 1

*Arts & Humanities*
See note 2.a. | 9

*Natural & Mathematical Sciences*

**Major Requirements**
Minimum grade of “C” or “P” required in each course

*Major Foundation*
MATH 2153 | Calculus II (A) | 3

*Foreign Language*
See note 3 | 9

*Non-Western Studies*
At least one course
See note 2.d.

*Upper-Division General Education*
Select 6 hours outside major department
See note 2.c.

**Hours Subtotal** | 22

*Tracks*
Select one track (p. 1) | 24

**Electives**
Select 16 hours | 16
May need to include 6 hours upper-division general education outside major department (see note 2.c.) and 4 additional upper division hours
MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

**Hours Subtotal** | 42

**Total Hours** | 120

1 College and Departmental requirements that may be used to meet General Education requirements.

**Tracks**

*General Track*

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>MATH 4023</td>
<td>Introduction to Analysis</td>
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<tr>
<td>MATH 4063</td>
<td>Advanced Linear Algebra</td>
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<tr>
<td>MATH 4083</td>
<td>Intermediate Analysis</td>
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<tr>
<td>MATH 4143</td>
<td>Advanced Calculus I</td>
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<tr>
<td>MATH 4153</td>
<td>Advanced Calculus II</td>
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</table>
Other Requirements

- See the College of Arts and Sciences Requirements.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.
years of study of a single foreign language with no grade below B. Or, students may complete 3 hours college credit in a single language with no grade below C (or pass an advanced standing examination, College Level Examination Program (CLEP) exam, or Oral Proficiency Interview developed by the American Council on the Teaching of Foreign Languages, equivalent to 3 hours of college credit.) Or, students may meet the requirement by transfer of documentation of meeting the foreign language competency from one of the teacher education programs in the State of Oklahoma approved by the Oklahoma State Regents for Higher Education.

4. Exclusions. Courses with ATHL or LEIS prefixes and leisure activity courses may not be used for degree credit.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2029.

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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