Degree Requirements
Requirements for Students Matriculating in or before Academic Year 2024-2025. Learn more about University Academic Regulation 3.1 (http://catalog.okstate.edu/university-academic-regulations/#matriculation).

Minimum Overall Grade Point Average: 2.50
Total Hours: 120

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1113</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>or ENGL 1313</td>
<td>Critical Analysis and Writing I</td>
<td>3</td>
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<tr>
<td>Select one of the following:</td>
<td></td>
<td>3</td>
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<tr>
<td>ENGL 1213</td>
<td>Composition II</td>
<td>3</td>
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<tr>
<td>ENGL 1413</td>
<td>Critical Analysis and Writing II</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 3323</td>
<td>Technical Writing</td>
<td>3</td>
</tr>
</tbody>
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American History & Government
HIST 1103 | Survey of American History | 3 |
| or HIST 1483 | American History to 1865 (H) | 3 |
| or HIST 1493 | American History Since 1865 (DH) | 3 |
| POLS 1113 | American Government | 3 |

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

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

Natural Sciences (N)
Must include one Laboratory Science (L) course
PHYS 1114 | College Physics I (LN) | 1 |
| or PHYS 2014 | University Physics I (LN) | 1 |

Course designated (N) | 2 |

Social & Behavioral Sciences (S)
ECON 2103 | Introduction to Microeconomics (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.

Natural & Mathematical Sciences
MATH 2153 | Calculus II (A) | 3 |
MATH 2163 | Calculus III | 3 |
STAT 4013 | Statistical Methods I (A) | 3 |
or STAT 4053 | Statistical Methods I for the Social Sciences (A) | 3 |

Foreign Language
See note 3

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

Hours Subtotal | 13 |

Major Requirements
Minimum GPA 2.50 and minimum grade of "C" or "P" in each course in Major Requirements.

Mathematics Core
Select 3 hours of the following: | 3 |
| CS 1113 | Computer Science I (A) | 3 |
| ENGR 1412 | Introductory Engineering Computer Programming | 3 |
| STAT 4091 | Sas Programming | 3 |
| STAT 4191 | R Programming | 3 |
| STAT 4193 | SAS and R Programming | 3 |
| MATH 2233 | Differential Equations | 3 |
| MATH 3013 | Linear Algebra (A) | 3 |
| MATH 3613 | Introduction to Abstract Algebra | 3 |
| MATH 3583 | Introduction to Mathematical Modeling | 3 |
| MATH 4453 | Mathematical Interest Theory | 3 |
| STAT 4203 | Mathematical Statistics I | 3 |

Select 9 hours of the following: | 9 |
| MATH 4013 | Calculus of Several Variables | 3 |
| MATH 4023 | Introduction to Analysis | 3 |
| MATH 4063 | Advanced Linear Algebra | 3 |
| MATH 4083 | Intermediate Analysis | 3 |
| MATH 4143 | Advanced Calculus I | 3 |
| MATH 4233 | Intermediate Differential Equations | 3 |
| MATH 4263 | Introduction to Partial Differential Equations | 3 |
| MATH 4283 | Complex Variables | 3 |
| MATH 4513 | Introduction to Numerical Analysis | 3 |
| MATH 4553 | Introduction to Optimization | 3 |
| MATH 4663 | Combinatorics | 3 |
| MATH 4753 | Introduction to Cryptography | 3 |
| MATH 5473 | Financial Calculus | 3 |
| STAT 4213 | Mathematical Statistics II | 3 |

Select 3 hours of the following: | 3 |
| ECON 4213 | Econometric Methods | 3 |
| ECON 4223 | Business and Economic Forecasting | 3 |
| STAT 4043 | Applied Regression Analysis | 3 |

Professional Requirements
ACCT 2003 Survey of Accounting  
ECON 2203 Introduction to Macroeconomics  
FIN 3113 Finance  
FIN 4223 Investments  
FIN 4333 Financial Management  
or FIN 4763 Financial Futures and Options Markets  
or FIN 4843 Risk Management  

Select 3 hours of the following:  

- 4000-level course in MATH or STAT  
- STAT 5053 Time Series Analysis  
- Upper-division AGEC, ECON, or FIN  
- MSIS 3103 End User Database Systems Design and Management  
- MSIS 3393 Advanced Spreadsheet Modeling and Programming  

Hours Subtotal 51

**Electives**

Select 16 hours

- May need to include 6 hours of a foreign language. (see note 3)
- May need to include 6 hours upper-division general education outside major department (see note 2.c).
- MATH 1513 and MATH 1813 required for students who do not place directly into MATH 2144.

**Recommended:**

- FIN 3613 General Insurance  
- BCOM 3113 Written Communication  
- or BCOM 3223 Oral Communication  
- or SPCH 3723 Business and Professional Communication  
- MSIS 2103 Business Data Science Technologies  
- MKTG 3213 Marketing (S)  
- MGMT 3013 Fundamentals of Management (S)  

Hours Subtotal 16

**Total Hours** 120

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

2. Minimum grade of B required for the Society of Actuaries’ Validation by Educational Experience (VEE) certification.

3. MSIS 2103 is required when MSIS 3103 or 3393 are selected.

4. These courses should be selected when including pre-MBA preparation.

**Other Requirements**

- See the College of Arts and Sciences Requirements.
- Minimum grade of "C" or "P" in all MATH courses.
- **Upper-Division Credit:** Total hours must include at least 40 hours in courses numbered 3000 or above.

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**College of Arts and Sciences Requirements**

1. **Hours in One Department:** For B.A. and B.S. degrees, no more than 54 hours in one department may be required to meet degree requirements. Courses used to satisfy the General Education English Composition, U.S. History, American Government, and Mathematics or Statistics requirements will not count toward the 54-hour maximum required from one department.

2. **A&S College/Departmental Requirements**

   a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, DANC, ENGL (except ENGL 3323 Technical Writing) HIST, MUSI, PHIL (except PHIL 1313 Logic and Critical Thinking (A), PHIL 3003 Symbolic Logic (A) and PHIL 4003 Mathematical Logic and Computability), REL, TH, and foreign languages.

   b. Natural and Mathematical Sciences are defined as any course from the following prefixes: ASTR, BIOC, BIOL, CHEM, CS (except CS 4883 Social Issues in Computing), GEOL, MATH, MICR, PBIO, PHYS, and STAT; or courses from other departments that carry an (A) or (N) general education designation.

   c. Six upper-division hours are required from General Education or any CAS courses outside the student's major department (http://catalog.okstate.edu/college-arts-sciences-major-departments/). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

   d. Non-Western Studies Requirement for B.A. and B.F.A.; One course in Non-Western Studies (N.W.). This requirement may be satisfied by courses also used to satisfy any part of a student's degree program (i.e., in General Education, College Departmental Requirements, Major Requirements or Electives).

   e. The College of Arts & Sciences requires a minimum 2.0 GPA in all major requirements and a minimum 2.0 GPA in all major-prefix courses applied to the degree.

3. **Foreign Language Proficiency**

   a. The foreign language requirement for the B.A. may be satisfied by 9 hours college credit in the same language, which must include 3 hours at the 2000-level, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement. Currently Arabic and Mvskoke are not offered at the 2000-level at OSU.

   b. The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

   c. In addition to a. and b., students pursuing teacher certification must meet novice-high foreign language proficiency by presenting a high school transcript which demonstrates two
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 2030.