ECONOMICS: PRE-MEDICAL, BS

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ENGL 1113</td>
<td>Composition I</td>
<td>3</td>
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<tr>
<td>or ENGL 1313</td>
<td>Critical Analysis and Writing I</td>
<td></td>
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<tr>
<td>ENGL 1213</td>
<td>Composition II</td>
<td>3</td>
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<tr>
<td>or ENGL 1413</td>
<td>Critical Analysis and Writing II</td>
<td></td>
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<tr>
<td>or ENGL 3323</td>
<td>Technical Writing</td>
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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 2103 | Business Calculus (A) | 3 |

STAT 2013 | Elementary Statistics (A) | 3 |
| or STAT 2023 | Elementary Statistics for Business and Economics (A) | |

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

Natural Sciences (N)
Must include one Laboratory Science (L) course

BIOL 1113 | Introductory Biology (N) | 4 |
| & BIOL 1111 | and Introductory Biology Laboratory (LN) | |
| or BIOL 1114 | Introductory Biology (LN) | |

CHEM 1314 | Chemistry I (LN) | 4 |

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

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

Hours Subtotal | 41 |

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
See note 2.b.

BIOL 1604 | Animal Biology | 4 |
| CHEM 1515 | Chemistry II (LN) | 5 |

Foreign Language
See note 3

0-6 hours

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

Hours Subtotal | 13 |

Major Requirements
Minimum major GPA 2.00.

Core Courses
ECON 2103 | Introduction to Microeconomics (S) | 3 |
| ECON 2203 | Introduction to Macroeconomics | 3 |
| ECON 3113 | Intermediate Microeconomics | 3 |
| ECON 3123 | Intermediate Macroeconomics | 3 |
| ECON 4933 | Applied Economics | 3 |

Select 12 hours of upper-division ECON

Pre-Medical Option
BIOL 3653 | Survey of Biochemistry | 3 |
| or BIOL 3713 | Biochemistry I | |
| BIOL 3204 | Physiology | 4 |
| or BIOL 3214 | Human Anatomy | |
| CHEM 3053 | Organic Chemistry I | 3 |
| CHEM 3112 | Organic Chemistry Laboratory | 2 |
| CHEM 3153 | Organic Chemistry II | 3 |
| MICR 2123 | Introduction to Microbiology | 3 |
| MICR 2132 | Introduction to Microbiology Laboratory | 2 |
| MICR 3033 | Cell and Molecular Biology | 3 |
| or BIOL 3023 | General Genetics | |
| PHYS 1114 | College Physics I (LN) | 4 |
| or PHYS 2014 | University Physics I (LN) | |
| PHYS 1214 | College Physics II (LN) | 4 |
| or PHYS 2114 | University Physics II (LN) | |

Hours Subtotal | 58 |

Electives
Select 8 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.).

Hours Subtotal | 8 |

Total Hours | 120 |

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

Other Requirements
- See the College of Arts and Sciences Requirements.
- Minimum GPA 2.00 in all ECON courses.
• Upper-Division Credit: Total hours must include at least 40 hours in courses numbered 3000 or above.

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. 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.).
   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.).

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.