### Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2022-2023. 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

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<th>Code</th>
<th>Title</th>
<th>Hours</th>
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#### 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:

ENGL 1213 Composition II  3  
ENGL 1413 Critical Analysis and Writing II  3  
ENGL 3323 Technical Writing  3

**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  
STAT 4013 Statistical Methods I (A)  3  
or STAT 2013 Elementary Statistics (A)  3

**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

PHYS 1214 College Physics II (LN)  4  
or PHYS 2114 University Physics II (LN)  4

**Social & Behavioral Sciences (S)**

Course designated (S)  3

**Additional General Education**

Courses designated (A), (H), (N), or (S)  6

**Hours Subtotal:** 42

#### 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.

**College/Departmental Requirements**

**Natural & Mathematical Sciences**

CHEM 1314 Chemistry I (LN)  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 GPA 2.50 in Major Requirements with a minimum grade of “C” in each course.

**Core Courses**

BIOC 3653 Survey of Biochemistry  3  
BIOI 1113 Introductory Biology (N)  4  
& BIOI 1111 and Introductory Biology Laboratory (LN)  3  
or BIOI 1114 Introductory Biology (LN)  3

BIOI 1604 Animal Biology  4  
BIOI 3023 General Genetics  3  
BIOI 3034 General Ecology  4  
BIOI 3114 Vertebrate Zoology  4  
BIOI 3204 Physiology  4  
BIOI 4133 Evolution  3  
BIOI 4215 Mammalian Physiology  5  
BIOI 4223 Mammalian Physiology Capstone Laboratory  3

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

**Related Courses**

Select two courses, including at least one BIOI, from the following:

- ANSI 3543 Principles of Animal Nutrition
- BIOI 4024 Histology
- BIOI 4073 Principles of Neuroscience
- BIOI 4104 General Parasitology
- BIOI 4134 Embryology
- BIOI 4253 Pharmacology
- BIOI 4273 Environmental Physiology
- BIOI 4283 Endocrinology
- BIOI 4293 Behavioral Neuroendocrinology
- BIOI 4303 Organismal Ecotoxicology
- BIOI 4363 Principles of Toxicology
- HHP 4063 Neuroanatomy
- MICR 3223 Advanced Microbiology
- MICR 3143 Medical Mycology
- MICR 3253 Immunology
- MICR 4123 Virology
- MICR 4423 Antibiotics and Antibiotic Resistance
d. Non-Western Studies Requirement for B.A. and B.F.A.; One 3-hour 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).

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
a. 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 allowed from one department.
b. 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 2028.