

# GEOLOGY: BUSINESS ESSENTIALS, BS

## Degree Programs

**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
<b>General Education Requirements</b>		
<i>English Composition</i>		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
See Academic Regulation 3.5 ( <a href="http://catalog.okstate.edu/university-academic-regulations/#english-composition">http://catalog.okstate.edu/university-academic-regulations/#english-composition</a> )		
<i>American History &amp; Government</i>		
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
<i>Analytical &amp; Quantitative Thought (A)</i>		
MATH 2144	Calculus I (A) <sup>1</sup>	4
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course.		
PHYS 2014	University Physics I (LN) <sup>1</sup>	4
or PHYS 1114	College Physics I (LN)	
Select four hours from the following:		4
BIOL 1113	Introductory Biology (N)	
& BIOL 1111	and Introductory Biology Laboratory (LN) <sup>1</sup>	
BIOL 1114	Introductory Biology (LN) <sup>1</sup>	
<i>Social &amp; Behavioral Sciences (S)</i>		
Course designated (S)		3
<i>Additional General Education</i>		
Courses designated A, H, N, or S		7
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
May be completed in any part of the degree plan.		
At least one Diversity (D) course.		
At least one International Dimension (I) course.		
<b>College/Departmental Requirements</b>		
<i>First Year Seminar</i>		
Transfer students with 15 hours exempt		1

<i>Arts &amp; Humanities</i>		
(See note 2.a.)		
		3
<i>Natural &amp; Mathematics Sciences</i>		
CHEM 1314	Chemistry I (LN)	4
CHEM 1515	Chemistry II (LN)	5
(See note 2.b.)		
<i>Foreign Languages</i>		
See note 3.		
<i>Upper-Division General Education</i>		
6 hours outside major department		
See note 2.c.		
<b>Hours Subtotal</b>		<b>13</b>
<b>Major Requirements</b>		
Minimum grade of "C" in all Geology courses.		
<i>Core Curriculum</i>		
GEOL 1214	Introductory Geological Processes (LN)	4
or GEOL 1114	Physical Geology (LN)	
GEOL 1224	Evolution of the Earth (LN)	4
GEOL 2464	Rocks and Minerals	4
GEOL 3014	Structural Geology	4
GEOL 3034	Principles of Stratigraphy and Sedimentology	4
GEOL 3546	Field Geology	6
PHYS 2114	University Physics II (LN)	4
or PHYS 1214	College Physics II (LN)	
3 hours STAT designated (A)		3
12 hours upper-division GEOL <sup>2</sup>		12
<i>Business Essentials</i>		
ACCT 2003	Survey of Accounting	3
LSB 3213	Legal and Regulatory Environment of Business	3
MKTG 3213	Marketing (S)	3
MGMT 3013	Fundamentals of Management (S)	3
3 hours from:		3
ECON 2003	Microeconomic Principles for Business	
EEE 2023	Introduction to Entrepreneurship	
FIN 3113	Finance	
or FIN 4003	Introduction to Energy Business	
<b>Hours Subtotal</b>		<b>60</b>
<b>Electives</b>		
May need to include 6 hours of a foreign language. See note 3.		
6 hours of MBA courses during senior year recommended for consideration into the OSU MBA Program upon graduation.		
MATH 1513 and MATH 1813 may be required for students who do not place directly into MATH 2144.		
<b>Hours Subtotal</b>		<b>7</b>
<b>Total Hours</b>		<b>120</b>

1

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

2

Excluding GEOL 3043 Geology of the National Parks (N), GEOL 3413 Petroleum Geology for Engineers, and GEOL 3513 Earthquakes, Volcanoes, and Disasters (N).

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.

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 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.

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
GEOL 1214	Introductory Geological Processes (LN)	4
MATH 2144	Calculus I (A)	4
General Education courses		6
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
GEOL 1224	Evolution of the Earth (LN)	4
CHEM 1314	Chemistry I (LN)	4

General Education courses	6
<b>Hours</b>	<b>14</b>
<b>Sophomore</b>	
<b>Fall</b>	
GEOL 2464 Rocks and Minerals	4
3 hours STAT (A)	3
College and General Education courses	9
<b>Hours</b>	<b>16</b>
<b>Spring</b>	
GEOL 2403 Chemistry of Earth Systems or CHEM 1515 or Chemistry II (LN)	3
PHYS 1114 College Physics I (LN)	4
Major, College, and Elective courses	8
<b>Hours</b>	<b>15</b>
<b>Junior</b>	
<b>Fall</b>	
GEOL 3014 Structural Geology	4
Major, College, and Elective courses	12
<b>Hours</b>	<b>16</b>
<b>Spring</b>	
GEOL 2103 Fundamentals of Geophysics or PHYS 1214 or College Physics II (LN)	3
GEOL 3034 Principles of Stratigraphy and Sedimentology	4
Major, College, and Elective courses	8
<b>Hours</b>	<b>15</b>
<b>Summer</b>	
GEOL 3546 Field Geology	6
<b>Hours</b>	<b>6</b>
<b>Senior</b>	
<b>Fall</b>	
Major, College, and Elective courses	12
<b>Hours</b>	<b>12</b>
<b>Spring</b>	
Major, College, and Elective courses	12
<b>Hours</b>	<b>12</b>
<b>Total Hours</b>	<b>120</b>