



College of: Arts & Sciences Degree/Major: BS/Geology Academic Year: 2016-17

Proposed Four-Year Degree Plan (120 Total Hours)

The following is an example 8-semester plan. This is used to illustrate the course sequencing and the expectations for course loading. Students may use this as a guide as they plan their undergraduate education, but should adjust it to fit their personal goals. Students are responsible for completing requirements in the official degree sheet for each major. It is mandatory for a student to meet with an academic advisor prior to course enrollment each semester.

Assumptions:

- 1) Entering students have 2 years of a high school foreign language.
- 2) Entering students are prepared to start the math sequence with MATH 2144 (Calculus I).

Current Course Rotation: (F) = Fall only (Sp) = Spring only (+) = Course offered every other year
Students must refer to the current course catalog for the availability of course offerings as well as visit with their academic advisor to find out about any special offerings.

| Year One | | | | | |
|--|------|------------------------|--|---------|---------------------------------|
| Fall Semester | | | Spring Semester | | |
| A&S | 1111 | First Year Seminar | ENGL | 1213 | Freshman Composition II |
| ENGL | 1113 | Freshman Composition I | CHEM | 1314 | General Chemistry I |
| MATH | 2144 | Calculus I | GEOL | 1224 | Historical Geology |
| BIOL | 1114 | Introductory Biology | MATH | 2153 | Calculus II |
| GEOL | 1114 | Physical Geology | GEOL | 4300(1) | Colloquium (Suggested Elective) |
| Total: 16 credit hours | | | Total: 15 credit hours | | |
| Getting involved with student organizations will further your classroom experiences. | | | Registering at Career services is free, and gives you countless opportunities. | | |

A minimum graduation retention GPA of 2.5 and completion of GEOL 1114 with a grade of 'C' or better required to declare GEOL major.

| Year Two | | | | | |
|---|---------|---|---|---------|-----------------------------------|
| Fall Semester | | | Spring Semester | | |
| HIST | 1103 | Survey of American History | POLS | 1113 | American Government |
| | 3 hours | Social Science (S) with International (I) | | 3 hours | Humanities (H) with Diversity (D) |
| CHEM | 1515 | General Chemistry II | PHYS | 2014 | General Physics I |
| GEOL | 2254 | Mineralogy | GEOL | 2364 | Petrology (Sp) |
| GEOL | 4300(1) | Colloquium (Suggested Elective) | | 1 hour | Elective (not GEOL) |
| Total: 16 credit hours | | | Total: 15 credit hours | | |
| Interested in Study Abroad? This would be a good time to visit the Study Abroad Office. | | | Start looking into 2nd Major or Minor; most minors are 15 - 18 hours. | | |

| Year Three | | | | | |
|--|---------|---|---|---------|--|
| Fall Semester | | | Spring Semester | | |
| | 4 hours | Additional General Education (not GEOL) | | 3 hours | Upper-Division Humanities (H) |
| GEOL | 3014 | Structural Geology (F) | | 3 hours | Upper-Division Additional General Education (not GEOL) |
| PHYS | 2114 | General Physics II | GEOL | 3034 | Stratigraphy & Sedimentology (Sp) |
| | 3 hours | Upper-Division GEOL | | 3 hours | Upper-Division Geology |
| | | | | 3 hours | Electives (not GEOL) |
| Total: 15 credit hours | | | Total: 16 credit hours | | |
| This is an ideal time to talk to faculty about research opportunities. | | | Interested in graduate school? Start studying and plan for the GRE. | | |

Between Years Three and Four, contact your advisor about an official graduation check.

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|-----------------------------------|
| Summer After Third or Fourth Year |
| GEOL 3546: Field Camp (6 hours) |

| Year Four | | | | | |
|--|---------|-------------------------|--|---------|------------------------|
| Fall Semester | | | Spring Semester | | |
| | 3 hours | Arts & Humanities | | 3 hours | Upper-Division Geology |
| | 3 hours | Upper-Division Geology | | 3 hours | Upper-Division Geology |
| | 3 hours | Upper-Division Geology | | 3 hours | Elective (not GEOL) |
| | 3 hours | Upper-Division Elective | | | |
| Total: 12 credit hours | | | Total: 9 credit hours | | |
| Be prepared to apply for Spring graduation this semester. Check on 2nd Major or Minor. | | | Celebrate your accomplishment at May Graduation with your fellow Cowboys!! | | |

Students must complete 18 hours of upper-division Geology, excluding GEOL 3043, 3413, and 4300*

Suggested courses for select sub-disciplines:

Earth Systems: GEOL 3073(F), 4213(Sp), 4403(F), 4513(F+)

Environmental: GEOL 3073(F), 3503(Sp), 4403(F), 4453(F), 4513(F+), 4463(S+)

Geophysics: GEOL 4023(Sp), 4103(F), 4113(Sp), 4213(Sp); 4303(F); MATH 2163, 2233, 3013

Petroleum: GEOL 3103(Sp), 4023(Sp), 4103(F), 4113(Sp), 4213(Sp), 4313(Sp)

*up to 9 hours of approved CHEM, ENGR, MATH or PHYS may be substituted, as approved by the GEOL undergraduate advisor.

OTHER REQUIREMENTS:

The College of Arts & Sciences requires 6 hours Upper-Division General Education outside the major department.

Total hours must include at least 40 hours in courses numbered 3000 or above.

Hours in one department in excess of 54 will be added to the minimum total of 120 required for graduation.

At least 60 hours must be completed at a four-year institution. At least 30 hours must be completed at OSU.

15 of the final 30 hours completed, or 50% of the upper-division hours in the major field must be 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.

1. GENERAL EDUCATION REQUIREMENTS

No more than two courses (or eight hours) from the major department may be used to meet General Education and College and Departmental Requirements. The General Education required English Composition, required U.S. History, required American Government, one required MATH or STAT course, and required foreign language for B.A. degrees do not count against the two-course maximum.

2. A&S COLLEGE/DEPARTMENTAL REQUIREMENTS

a. Arts and Humanities are defined as any course carrying an (H) designation or courses from AMST, ART, ENGL (except 3323) HIST, MUSI, PHIL (except 1313, 3003 and 4003), REL, TH, and foreign languages (second year and above). No more than six hours may be music or theatre performance or art studio.

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

c. The required six hours of upper-division General Education may not include courses from 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).

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.

3. FOREIGN LANGUAGE PROFICIENCY

a. 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 10 hours college credit in the same language, or equivalent proficiency (e.g., passing an advanced standing examination; completing a second-year or higher college-level course in the language, etc.), utilizing elective hours.

b. In addition to a., students pursuing secondary education 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 5 hours college credit in the same language with no grade below C (or pass an advanced standing examination equivalent to 5 hours of college credit.)

4. EXCLUSIONS

a. Courses used to satisfy the English Composition, American History and Government requirement 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.