

**Catalog Year 2018-20189**

B.A., Geology

A Major Academic Plan (MAP) is one way to complete a degree in a set number of semesters. The *example* below is an efficient strategy only. Actual plans for individual students will vary based on advisor recommendations and academic needs. Official Program Requirements including Major, General Education, Elective, and university requirements (see pg.2) are based on Catalog Year.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Course Subject and Title** | **Cr.** | **Min.**  **Grade** | **\*GE,**  **UU or UM** | **\*\*Sem. Offered** | **Prerequisite** | **Co Requisite** | | | |
| Semester One | | | | | | | | | |
| GE Objective 1: ENGL 1101 English Composition | 3 | C- | GE | F, S, Su | Appropriate placement score |  | | | |
| GE Objective 5: GEOL 1100 The Dynamic Earth (lecture only) **OR** GEOL 1101 Physical Geology (lecture only) | 3 | C | GE | F,S, ASu |  |  | | | |
| GEOL 1110 Physical Geology for Scientists Laboratory | 1 |  | GE | F,S | GEOL 1100 or GEOL 1101 | GEOL 1100 or GEOL 1101 | | | |
| GE Objective 3 | 3 |  | GE |  | Appropriate placement score |  | | | |
| GE Objective 4 | 3 |  | GE |  |  |  | | | |
| Free Electives | 3 |  |  |  |  |  | | | |
| Total | 16 |  |  |  |  |  | | | |
| Semester Two | | | | | | | | | |
| GE Objective 1: ENGL 1102 Critical Reading and Writing | 3 | C- | GE | F,S | ENGL 1101 or equivalent |  | | | |
| GEOL 2210 Earth in Space & Time | 3 |  |  | F,S | GEOL 1100 or GEOL 1101, GEOL 1110 | | | GEOL 1110 | |
| GE Objective 2: COMM 1101 Principles of Speech | 3 |  | GE | F, S, Su |  |  | | | |
| GE Objective 4 | 3 |  | GE |  |  |  | | | |
| Free Electives | 3 |  |  |  |  |  | | | |
| Total | 15 |  |  |  |  |  | | | |
| Semester Three | | | | | | | | | |
| GEOL 2202 Historical Geology | 3 |  |  | F | GEOL 1100 or 1101 with C min, GEOL 1110 | | | | GEOL 1110 |
| GE Objective 5: CHEM 1111 & 1111L Gen Chem I & Lab | 5 |  | GE | F,S ,Su | MATH 1143 or 1147 or equivalent | | |  | |
| GE Objective 6 | 3 |  | GE |  |  |  | | | |
| Free Electives | 4 |  |  |  |  |  | | | |
| Total | 15 |  |  |  |  |  | | | |
| Semester Four |  |  |  |  |  |  | | | |
| GEOL 3315 Evolution of the Earth’s Surface | 4 |  | UM | S | GEOL 1100 or GEOL 1101 , GEOL 1110 | | |  | |
| GE Objective 6 | 3 |  | GE |  |  |  | | | |
| GE Objective 7 or 8 | 3 |  | GE |  |  |  | | | |
| Free Electives | 5 |  |  |  |  |  | | | |
| Total | 15 |  |  |  |  |  | | | |
| Semester Five |  |  |  |  |  |  | | | |
| GEOL 3313 Earth Materials I | 3 |  | UM | F | CHEM 1111 & 1111L, GEOL 1110 | | CHEM 1111 & 1111L | | |
| GEOL 4452 Sedimentation Stratigraphy | 4 |  | UM | F | GEOL 2210, ENGL 1102, CHEM 1111 & lab or permission of instructor | | | GEOL 4452L, CHEM 1111 & 1111L | |
| GE Objective 9 | 3 |  | GE |  |  |  | | | |
| Free Electives | 5 |  |  |  |  |  | | | |
| Total | 15 |  |  |  |  |  | | | |
| Semester Six |  |  |  |  |  |  | | | |
| GEOL 4456 Geology of Idaho or GEOL 4458 Geology of N America | 2 or 3 |  | UM | AS | GEOL 1100 or 1101 |  | | | |
| GEOL Upper Division Electives | 3 or 4 |  | UM |  | See catalog |  | | | |
| Free Electives | 9 |  |  |  |  |  | | | |
| Total | 15 |  |  |  |  |  | | | |
| Semester Seven |  |  |  |  |  |  | | | |
| GEOL 4431 & GEOL 4431L Geobiol & the History of Life/Lab | 4 |  | UM | F | Permission of instructor, GEOL 2202 recommended | | | | GEOL 44431 L |
| Upper Division Free Electives | 5 |  | UU |  | See catalog |  | | | |
| Free Electives | 6 |  |  |  |  |  | | | |
| Total | 15 |  |  |  |  |  | | | |
| Semester Eight |  |  |  |  |  |  | | | |
| GEOL 4421 Structural Geology | 4 |  | UM | S | MATH 1147 or 1143 & 1144, GEOL 4452 | | | |  |
| GEOL Upper Division Credit | 5 |  | UM |  | See catalog |  | | | |
| Free Electives | 5 |  |  |  |  |  | | | |
| Total | 14 |  |  |  |  |  | | | |
| \*GE=General Education Objective, UU=Upper Division University, UM= Upper Division Major  \*\*See Course Schedule section of Course Policies page in the e-catalog (or input F, S, Su, etc.) | | | | | | | | | |

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| **2018-2019 Major Requirements** | **CR** | **GENERAL EDUCATION OBJECTIVES**  **Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9** | | | | | | **36 cr. min** |
| **MAJOR REQUIREMENTS** | **36** | 1. Written English (6 cr. min) ENGL 1101 | | | | | | 3 |
| **Either** GEOL 1100 Dynamic Earth  **OR** GEOL 1101 Physical Geology (3 credits counted in Objective 5) | | ENGL 1102 | | | | | | 3 |
| 2. Spoken English (3 cr. min) COMM 1101 | | | | | | 3 |
| GEOL 1110 Physical Geology for Scientists Lab  (1 credit counted in Objective 5) | | 3. Mathematics (3 cr. min) | | | | | | 3 |
| 4. Humanities, Fine Arts, Foreign Lang. **(2 courses; 2 categories; 6 cr. min)** | | | | | | |
| CHEM 1111 & CHEM 1111L General Chemistry I & Lab^  (5 credits counted in Objective 5) | |  | | | | | |  |
|  | | | | | |  |
| GEOL 2202 Historical Geology | 3 | 5. Natural Sciences **(2 lectures-different course prefixes, 1 lab; 7 cr. min)** | | | | | | |
| GEOL 2210 Earth in Space & Time | 3 | GEOL 1100 or GEOL 1101 (lecture) | | | | | | 3 |
| GEL 3313 Earth Materials I | 3 | GEOL 1110 (lab) | | | | | | 1 |
| GEOL 3315 Evolution of the Earth’s Surface | 4 | CHEM 1111 & CHEM 1111L | | | | | | 5 |
| GEOL 4421 Structural Geology^ | 4 | 6. Behavioral and Social Science **(2 courses-different prefixes; 6 cr. min)** | | | | | | |
| GEOL 4431 & 4431 L Geobiology & the History of Life & Lab | 4 |  | | | | | |  |
| GEOL 4452 & 4452L Sedimentary Stratigraphy25 | 4 |  | | | | | |  |
| **Eithe**r GEOL 4456 Geology of Idaho  **OR** GEOL 4458 Geology of North America | 2 or 3 | One Course from EITHER Objective 7 OR 8 **(1course; 3 cr. min)** | | | | | | |
| 7. Critical Thinking | | | | | |  |
| Additional Upper Division Geology credits | 8 or 9 | 8. Information Literacy | | | | | |
|  |  | 9. Cultural Diversity **(1 course; 3 cr. min)** | | | | | | |
|  |  |  | | | | | |  |
|  |  | General Education Elective to reach 36 cr. min. **(if necessary)** | | | | | | |
|  |  |  | | | | | |  |
|  |  | **Total GE** | | | | | | **39** |
|  |  | Undergraduate Catalog and GE Objectives by [Catalog Year](https://www.isu.edu/advising/academic-support/general-education/) | | | | | | |
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|  |  | **MAP Credit Summary** | | | | | **CR** | |
|  |  | Major | | | | | 36 | |
|  |  | General Education | | | | | 39 | |
|  |  | Free Electives to reach 120 credits | | | | | 45 | |
|  |  | TOTAL | | | | | 120 | |
|  |  |  | | | | | | |
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|  |  | **Graduation Requirement Minimum Credit Checklist** | | | **Confirmed** | | | |
|  |  | Minimum 36 cr. General Education Objectives (15 cr. AAS) | | | yes | | | |
|  |  | Minimum 16 cr. Upper Division in Major (0 cr. Associate) | | |  | yes | | |
|  |  | Minimum 36 cr. Upper Division Overall (0 cr. Associate) | | |  | yes | | |
|  |  | Minimum of 120 cr. Total (60 cr. Associate) | | |  | yes | | |
|  |  |  | |  | | | | |
| **Advising Notes** | | ***MAP Completion Status (for internal use only)*** | | | | | | |
| ^Please note that this major requires either MATH 1143 or 1147 as a  pre-requisite to Chemistry 1111 and 1111L and GEOL 4421. | |  | *Date* | | | | | |
| *Department:* |  | | | | | |
| *CAA or COT:* | 5.8.2018 SF jh | | | | | |
| Students must have a total of 40 GEOL credits. 30 upper division GEOL. | | *Registrar:* |  | | | | | |
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Form Revised 1.24.2018