

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.

Catalog Year 2018-2019

BA/BS Secondary Education

Geology Single Subject Endorsement

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 |  |
| MATH 1147: Precalculus | 5 | C | GE | F, S, Su | Appropriate placement score |  |
| GE Objective 5: GEOL 1100/L or 1101 | 3-4 |  | GE | F, S, Su |  |  |
| GE Objective 6: | 3 |  | GE | F, S, Su |  |  |
| GE Objective 9: EDUC 2204 Families, Communities, Culture | 3 | C | GE | F, S, Su |  |  |
| Free Elective | 0-1 |  |  |  |  |  |
| Total | 18 |  |  |  |  |  |
| Semester Two | | | | | | |
| GE Objective 1: ENGL 1102 Critical Reading and Writing | 3 | C | GE | F, S, Su | ENGL 1101 or equivalent |  |
| GE Objective 2: COMM 1101 Principles of Speech | 3 | C | GE | F, S, Su |  |  |
| GE Objective 5: CHEM 1111/L General Chemistry I w Lab | 5 | C | GE | F, S |  |  |
| GEOL 2210: Earth in Space and Time | 3 | C |  | F, S | “C” grade in GEOL 1100 or 1101; GEOL 1110 | GEOL 1110 |
| GEOL 1110: Physical Geology for Scientists Lab | 1 | C | GE | F, S | GEOL 1100 or 1101 |  |
| Total | 15 |  |  |  |  |  |
| Semester Three | | | | | | |
| EDUC 2201: Development & Individual Differences | 3 | C |  | F, S, Su | 26 cr.; 2.75 GPA; ENGL 1101/1101P |  |
| EDUC 2215: Using Technology in a Digital World | 3 | C |  | F, S, Su |  |  |
| GEOL 2202 Historical Geology | 3 | C |  | F | GEOL 1100 or 1101 |  |
| GEOL 3313: Earth Materials I | 3 | C | UM | F | GEOL 1110; CHEM 1111/L | CHEM 1111/L |
| GEOL 3306: Environmental Geology | 3 | C | UM | F | GEOL 1100 or 1101 |  |
| GE Objective 3: | 3 | C | GE | F, S, Su |  |  |
| Total | 18 |  |  |  |  |  |
| Semester Four | | | | | | |
| EDUC 3301: Inquiring, Thinking, and Knowing | 3 | C | UM | F, S, Su | EDUC 2201, 2204; Adm. to TE |  |
| EDUC 3308: Foundations of Ed Knowledge, Plan & Assess | 3 | C | UM | F, S | Adm. to TE; Fieldwork Placement Plan |  |
| GE Objective 7/8: | 3 | C | GE | F, S, Su |  |  |
| GEOL 3315 Evolution of the Earth’s Surface | 3 | C | UM | S | GEOL 1100 or 1101 |  |
| GE Objective 4: | 3 |  | GE | F, S, Su |  |  |
| Total | 15 |  |  |  |  |  |
| Semester Five | | | | | | |
| EDUC 4401 Content Area Literacy | 3 | C | UM | F, S | Adm. to TE |  |
| GE Objective 4: | 3 |  | GE | F, S |  |  |
| GEOL 4400: Practicum in Geology Teaching | 1 | C | UM | AF |  |  |
| GEOL 4410: Science in American Society | 2 | C | UM | AF |  |  |
| GEOL 4431/L: Geobiology and the History of Life w Lab | 4 | C | UM | F |  |  |
| GEOL 4452/L: Sedimentation-Stratigraphy w Lab | 4 | C | UM | F | GEOL 2210; ENGL 1102; CHEM 1111/L | CHEM 1111/L |
| Total | 17 |  |  |  |  |  |
| Semester Six | | | | | | |
| GEOL 4421: Structural Geology | 4 | C | UM | S | MATH 1147 or 1143 & 1144; GEOL 4452 |  |
| GEOL/POLS/HIST 4471 Historical Geography of Idaho | 3 | C | UM | D |  |  |
| Approved GEOL Electives | 4 | C | UM |  | See catalog |  |
| Approved GEOL Electives | 4 | C | UM |  | See catalog |  |
| Total | 15 |  |  |  |  |  |
| Semester Seven | | | | | | |
| EDUC 3302: Classroom Motivation and Management | 3 | C | UM | F, S, Su | Adm. to TE; EDUC 2201, 2204, 3301, 3308 | EDUC 3311, 4408 |
| EDUC 3311: Instructional Technology | 3 | C | UM | F, S | Adm. to TE; EDUC 2215, 3308 | EDUC 4408 |
| EDUC 4408: Pre Intern Field Exp. Seminar | 3 | C | UM | F, S | Adm. to TE; EDUC 3308 | EDUC 3311 |
| SPED 3350: Creating Inclusive Classrooms | 3 | C | UM | F, S | Adm. to TE | EDUC 4408 |
| GE Objective 6: | 3 |  | GE | F, S, Su |  |  |
| Total | 15 |  |  |  |  |  |
| Semester Eight | | | | | | |
| EDUC 4496 Student Teaching | 14 | C | UM | F, S |  |  |
| 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** | **88** | 1. Written English (6 cr. min) ENGL 1101 | | | | | | 3 |
| **Professional Education Core** | **38** | ENGL 1102 | | | | | | 3 |
| EDUC 2201 Development and Individual Differences | 3 | 2. Spoken English (3 cr. min) COMM 1101 | | | | | | 3 |
| EDUC 2204 Families, Community, Culture (3 counted in GE) | | 3. Mathematics (3 cr. min) | | | | | |  |
| EDUC 2215 Using Technology in a Digital World | 3 | 4. Humanities, Fine Arts, Foreign Lang. **(2 courses; 2 categories; 6 cr. min)** | | | | | | |
| EDUC 3301 Inquiring, Thinking, Knowing | 3 |  | | | | | |  |
| EDUC 3302 Motivation and Management | 3 |  | | | | | |  |
| EDUC 3308 Found of Educational Knowledge, Plan & Assess | 3 | 5. Natural Sciences **(2 lectures-different course prefixes, 1 lab; 7 cr. min)** | | | | | | |
| EDUC 3311 Instructional Technology | 3 |  | | CHEM 1111/L | | | | 5 |
| EDUC 4408 Pre-Internship Field Experience Seminar | 3 |  | | GEOL 1100/L or 1101 | | | | 3-4 |
| EDUC 4496 Student Teaching | 14 |  | | | | | |  |
| SPED 3350 Creating Inclusive Classrooms | 3 | 6. Behavioral and Social Science **(2 courses-different prefixes; 6 cr. min)** | | | | | | |
| **Secondary Education Core** | **3** |  | | | | | |  |
| EDUC 4401 Content Area Literacy | 3 |  | | | | | |  |
| **Geology Endorsement Total** | **42-43** | One Course from EITHER Objective 7 OR 8 **(1course; 3 cr. min)** | | | | | | |
| GEOL 1100/L or 1101 (3-4 counted in GE) | | 7. Critical Thinking | | | | | |  |
| GEOL 1110 Physical Geology for Scientists Laboratory | 1 | 8. Information Literacy | | | | | |
| GEOL 2202 Historical Geology | 3 | 9. Cultural Diversity **(1 course; 3 cr. min)** | | | | | | |
| GEOL 2210 Earth in Space and Time | 3 |  | | EDUC 2204 | | | | 3 |
| GEOL 3306 Environmental Geology | 3 | General Education Elective to reach 36 cr. min. **(if necessary)** | | | | | | |
| GEOL 3313 Earth Materials | 3 |  | | | | | |  |
| GEOL 3315 Evolution of the Earth’s Surface | 4 | **Total GE** | | | | | | **38-39** |
| GEOL 4400 Practicum in Geology Teaching | 1 | Undergraduate Catalog and GE Objectives by [Catalog Year](https://www.isu.edu/advising/academic-support/general-education/) | | | | | | |
| GEOL 4410 Science in American Society | 2 |
| GEOL 4421 Structural Geology | 4 |  | | | | | | |
| GEOL 4431 Geobiology and the History of Life | 4 |
| GEOL 4452 Sedimentation-Stratigraphy | 4 |
| GEOL/HIST/POLS 4471 Historical Geography of Idaho | 3 | **MAP Credit Summary** | | | | | **CR** | |
| Approved Electives: Choose from the following to reach a total of 45 GEOL credits (including GEOL 1100/L or 1101): GEOL 3314; GEOL 4403; GEOL 4405; GEOL 4407; GEOL 4409; GEOL 4416; GEOL 4420; GEOL 4422; GEOL 4430; GEOL 4450; GEOL 4456; GEOL 4458; GEOL 4491 | 7-8 | Major | | | | | 88-89 | |
|  | General Education | | | | | 38-39 | |
|  | Free Electives to reach 120 credits | | | | | 0-1 | |
|  | TOTAL | | | | | 127 | |
|  |  | | | | | | |
| **Mathematics Requirement** | **5** |
| MATH 1147 or 1143 AND 1144 | 5 |
| GEN ED #3 Refer to Catalog (3 counted in GE) | |
| **Chemistry Requirement** | **0** | **Graduation Requirement Minimum Credit Checklist** | | | | **Confirmed** | | |
| CHEM 1111/L General Chemistry I w Lab (5 counted in GE) | | Minimum 36 cr. General Education Objectives (15 cr. AAS) | | | | X | | |
|  |  | Minimum 16 cr. Upper Division in Major (0 cr. Associate) | | | | X | | |
|  |  | Minimum 36 cr. Upper Division Overall (0 cr. Associate) | | | | X | | |
|  |  | Minimum of 120 cr. Total (60 cr. Associate) | | | | X | | |
|  |  |  | | |  | | | |
| **Advising Notes** | | ***MAP Completion Status (for internal use only)*** | | | | | | |
| Admission Requirements: 3.0 GPA | |  | *Date* | | | | | |
| Teacher Education Program Admission Interview | | *Department:* |  | | | | | |
| Passing scores on PRAXIS Core Academic Skills for Educators Exam | | *CAA or COT:* | 6.15.18 smf | | | | | |
| Professional Portfolio | | *Registrar:* |  | | | | | |
| Idaho Code Awareness Affidavit | |  | | | | | | |
| Minimum grade requirements in Objectives 1, 2, 3, EDUC 2201, 2215 | |
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