

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

Mathematics 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 |  |
| GE Objective 3: MATH 1170 Calculus I | 4 | C | GE | F, S, Su | Appropriate placement score |  |
| GE Objective 4: | 3 |  | 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 |  |  |
| Total | 16 |  |  |  |  |  |
| 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: Science w Lab | 4 | C | GE | F, S |  |  |
| GE Objective 7/8: CS 1181 Computer Science & Programming I | 3 | C | GE | F, S | MATH 1143 or 1147 or equivalent |  |
| GE Objective 6: | 3 | C | GE | F, S, Su |  |  |
| Total | 16 |  |  |  |  |  |
| Semester Three | | | | | | |
| GE Objective 5: Science w/o lab | 3 |  | GE | F, S, Su |  |  |
| 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 |  |  |
| MATH 1175: Calculus II | 4 | C |  | F, S, Su | MATH 1170 or equivalent |  |
| MATH 2240 or 2287 | 3 | C |  | F, S, Su/D | MATH 1170 or equivalent |  |
| Total | 16 |  |  |  |  |  |
| 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 |  |
| MATH 2240 or 2287 | 3 | C |  | F, S, Su/D | MATH 1170 or equivalent |  |
| MATH 2275 Calculus III | 4 | C |  | F, S | MATH 1175 |  |
|  |  |  |  |  |  |  |
| Total | 13 |  |  |  |  |  |
| Semester Five | | | | | | |
| EDUC 4401 Content Area Literacy | 3 | C | UM | F, S | Adm. to TE |  |
| GE Objective 4: | 3 |  | GE | F, S, Su |  |  |
| MATH 3343 Modern Geometry I | 3 | C | UM | F | MATH 2240 or 2287 |  |
| MATH 3326 Elementary Analysis | 3 | C | UM | F, S | MATH 1175 and 2240 or 2287 |  |
| MATH 4407 Modern Algebra I | 3 | C | UM | F | MATH 2240 and 2287 |  |
| Total | 15 |  |  |  |  |  |
| Semester Six | | | | | | |
| MATH 3352 Introduction to Probability | 3 | C | UM | F, S | MATH 1175 or permission of instructor |  |
| MATH 4XXX | 3 | C | UM |  | Refer to course catalog |  |
| MATH 4408 Modern Algebra II | 3 | C | UM | S | MATH 4407 |  |
| Upper Division Math Elective | 3 | C | UM |  | Refer to course catalog |  |
| Free Elective | 3 |  |  | F, S, Su |  |  |
| 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 |  | Adm. to TE; EDUC 3308 | EDUC 3311 |
| SPED 3350: Creating Inclusive Classrooms | 3 | C | UM |  | Adm. to TE | EDUC 4408 |
| Upper Division Math Elective | 3 | C | UM |  | Refer to course catalog |  |
| 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** | **79** | 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) MATH 1170 | | | | | | | 4 |
| 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 |  | | | | | | |  |
| EDUC 4408 Pre-Internship Field Experience Seminar | 3 |  | | | | | | |  |
| 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 |  |  | | | | | | |  |
| **Mathematics Endorsement Total** | **38** | One Course from EITHER Objective 7 OR 8 **(1course; 3 cr. min)** | | | | | | | |
| CS 1181 (counted in GE) | | 7. Critical Thinking | | | | | | | 3 |
| MATH 1170 Calculus I (counted in GE) | | 8. Information Literacy CS 1181 | | | | | | |
| MATH 1175 Calculus II | 4 | 9. Cultural Diversity **(1 course; 3 cr. min)** | | | | | | | |
| MATH 2240 Linear Algebra | 3 |  | | EDUC 2204 | | | | | 3 |
| MATH 2275Calculus III | 4 | General Education Elective to reach 36 cr. min. **(if necessary)** | | | | | | | |
| MATH 2287Foundations of Mathematics | 3 |  | | | | | | |  |
| MATH 3326 Elementary Analysis | 3 | **Total GE** | | | | | | | **38** |
| MATH 3343 Modern Geometry I | 3 | Undergraduate Catalog and GE Objectives by [Catalog Year](https://www.isu.edu/advising/academic-support/general-education/) | | | | | | | |
| MATH 3352 Introduction to Probability | 3 |
| MATH 4407 Modern Algebra I | 3 |  | | | | | | | |
| MATH 4408 Modern Algebra II | 3 |
| MATH 4XXX | 3 |
| Upper Division MATH Electives | 6 | **MAP Credit Summary** | | | | | | **CR** | |
|  |  | Major | | | | | | 79 | |
|  |  | General Education | | | | | | 38 | |
|  |  | Free Electives to reach 120 credits | | | | | | 3 | |
|  |  | TOTAL | | | | | | 120 | |
|  |  |  | | | | | | | |
|  |  |
|  |  |
|  |  |
|  |  | **Graduation Requirement Minimum Credit Checklist** | | | | **Confirmed** | | | |
|  |  | 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:* | 6.14.2018 sf jh | | | | | | |
| Professional Portfolio | | *Registrar:* |  | | | | | | |
| Idaho Code Awareness Affidavit | |  | | | | | | | |
| Minimum grade requirements in Objectives 1, 2, 3, EDUC 2201, 2215 | |
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Form Revised 1.24.2018