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| **Catalog Year 2019-2020**BA/BS Secondary EducationBiology (30cr), English as a New Language (20cr) | ***(For internal use only)***[ ]  *No change*[ ]  *UCC proposal* |
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A Major Academic Plan (MAP) is one way to complete a degree in a set number of semesters. The *example* below is only one strategy. Actual plans for individual students will vary based on advisor recommendations and academic needs. Official Program Requirements including Major, General Education, Electives, 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 Writing and Rhetoric I | 3 | C- | GE | F,S,Su | Appropriate placement score |  |
| GE Objective 4: Foreign Language  | 4 | C | GE | F,S,Su |  |  |
| GE Objective 6 | 3 | C- | GE | F,S,Su |  |  |
| GE Objective 5: BIOL 1101 & BIOL 1101L Biology I and Lab | 4 | C | GE | F,S,Su | Placement into Math 1108 |  |
| Free Electives | 1 | C- |  |  |  |  |
|  Total | 15 |  |  |  |  |  |
| Semester Two |
| GE Objective 1: ENGL 1102 Writing and Rhetoric II | 3 | C- | GE |  | ENGL 1101 or equivalent |  |
| GE Objective 2: COMM 1101 Fundamentals of Oral Comm | 3 | C- | GE | F,S,Su |  |  |
| GE Objective 3: MATH 1160 Applied Calculus **OR** MATH 1153 Introduction to Statistics  | 3 | C | GE | F,S,Su | Appropriate placement score |  |
| BIOL 1102 & BIOL 1102L Biology II and Lab | 4 | C |  | F,S | BIOL 1101 | BIOL 1102L  |
| ANTH 1107 **OR** ENGL 2280  **OR** ENGL 2281 | 3 | C |  |  |  |  |
|  Total | 16 |  |  |  |  |  |
| Semester Three |
| GE Objective 5: CHEM 1111 & 1111L General Chemistry I and Lab  | 5 | C | GE | F,S,Su | MATH 1147 or Equivalent | CHEM 1111L |
| GE Objective 9: EDUC 2204 Families, Community, Culture | 3 | C | GE | F,S,Su |  |  |
| BIOL 2209 & BIOL 2209 L General Ecology and Lab | 4 | C |  | F,S | BIOL 1101, BIOL 1102 | BIOL 2209L |
| EDUC 2201 Developmental and Individual Differences | 3 | C |  | F,S,Su |  |  |
|  Total | 15 |  |  |  |  |  |
| Semester Four |
| GE Objective 6: Recommend EDUC 1110 Education and Schooling in the US | 3 | C- | GE | F,S |  |  |
| CHEM 1112 & CHEM 1112L General Chemistry II and Lab | 4 | C |  | F,S,Su | MATH 1147 or Equivalent | CHEM 1112L  |
| EDUC 3308 Fdns of Ed Knowledge, Planning and Assessment | 3 | C | UU/UM | F, S | Admission to Teacher Education.  |  |
| Free Electives | 5 | C- |  |  |  |  |
|  Total | 15 |  |  |  |  |  |
| Semester Five |
| ANTH 4450 **OR** ANTH 4455 **OR** ENGL 4480 **OR**  ENGL 4481 | 3 | C | UU/UM |  | ANTH 1107 or ENGL 2280 or ENGL 2281 |  |
| BIOL 2206 & BIOL 2207 Cell Biology and Lab | 4 | C |  | F,S | BIOL 1101, BIOL 1102, CHEM 1111, CHEM 1111L, CHEM 1112, CHEM 1112L | CHEM 1112, CHEM 1112L |
| BIOL 4413 Biology Teaching Methods **OR** EDUC 3331 Science Methods for Teachers | 3 | C | UU/UM |  | Permission of Instructor, Admission to Teacher Education  |  |
| EDUC 4460 Foundations of ESL  | 3 | C | UU/UM | F | Admission to Teacher Education |  |
| Free Electives | 3 | C- |  |  |  |  |
|  Total | 16 |  |  |  |  |  |
| Semester Six |
| GE Objective 4 | 3 | C- | GE | F,S,Su |  |  |
| GE Objective 7 or 8 | 3 | C- | GE | F, S, Su |  |  |
|  EDUC 4463 ESL Methods | 3 | C | UU/UM | S | EDUC 4460 or instructor permission | EDUC 4464 |
| EDUC 4464 ESL Practicum  | 1 | C | UU/UM | S | EDUC 4460 or instructor permission | EDUC 4463 |
| Free Electives | 6 | C- |  |  |  |  |
|  Total | 16 |  |  |  |  |  |
| Semester Seven |
| EDUC 3302 Motivation and Management | 3 | C | UU/UM | F,S,SU | EDUC 2201, EDUC 2204, EDUC 3308 | EDUC 3311, EDUC 4408 |
| EDUC 3311 Instructional Technology | 3 | C | UU/UM | F, S | IC3 Key Appl Exam; EDUC 3308 | EDUC 4408 |
| EDUC 4408 Pre-Internship Field Experience Seminar | 3 | C | UU/UM | F, S | EDUC 3308 | EDUC 3311 |
| SPED 3350 Creating Inclusive Classrooms | 3 | C | UU/UM | F, S | Admission to Teacher Education | EDUC 4408 or MUSC 3338 |
| EDUC 4401 Content Area Literacy | 3 | C | UU/UM | F, S | Admission to Teacher Education |  |
|  Total  | 15 |  |  |  |  |  |
| Semester Eight  |
| EDUC 4496 Secondary Ed Student Teaching Internship | 12 | S | UU/UM |  | All coursework; Praxis II exams |  |
|  Total  | 12 |  |  |  |  |  |
| \*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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| **2019-2020 Major Requirements** | **CR** | **GENERAL EDUCATION OBJECTIVES****Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9** | **36 cr. min** |
| **MAJOR REQUIREMENTS** |  | 1. Written English (6 cr. min) ENGL 1101 | 3 |
| ***Secondary Education classes*** | **33** |  ENGL 1102 | 3 |
| EDUC 2201 Developmental and Individual Differences | 3 | 2. Spoken English (3 cr. min) COMM 1101 | 3 |
| EDUC 2204 Families Community Culture (counted in GE 9) | 3. Mathematics (3 cr. min) MATH 1160 OR MATH 1153 | 3 |
| EDUC 3308 FDNS of Educational Knowledge, Planning and Assessment | 3 | 4. Humanities, Fine Arts, Foreign Lang. **(2 courses; 2 categories; 6 cr. min)** |
| EDUC 3311 Instructional Technology | 3 | Any Elementary Language 1101 | 4 |
| EDUC 4401 Content Area Literacy | 3 |  |  |
| EDUC 4408 Pre-Internship Field Experience Seminar | 3 | 5. Natural Sciences **(2 lectures-different course prefixes, 1 lab; 7 cr. min)** |
| EDUC 4496 Secondary Education Student Teaching Internship | 12 | BIOL 1101 & BIOL 1101L Biology I and  | 4 |
| SPED 3350 Creating Inclusive Classrooms | 3 | CHEM 1111 & CHEM 1111L General Chemistry I and Lab  | 5 |
|  |  |  |  |
| ***Biology 30 credit Endorsement***  | **19** | 6. Behavioral and Social Science **(2 courses-different prefixes; 6 cr. min)** |
| BIOL 1101 & BIOL 1101L Biology I and Lab (Counted in GE 5) |  |  |
| BIOL 1102 & BIOL 1102L Biology II and Lab | 4 |  |  |
| BIOL 2206 & BIOL 2207 Cell Biology and Lab | 4 | One Course from EITHER Objective 7 OR 8 **(1course; 3 cr. min)** |
| BIOL 2209 & BIOL 2209L General Ecology and Lab | 4 | 7. Critical Thinking |  |
| BIOL 4413 Biology Teaching Methods **OR** EDUC 3331 Science Methods for Teachers | 3 | 8. Information Literacy  |
| 9. Cultural Diversity **(1 course; 3 cr. min)** |
| CHEM 1111 & CHEM 1111L General Chemistry I and Lab (Counted in GE 5) | EDUC 2204 Families Community Culture  | 3 |
| CHEM 1112 & CHEM 1112L General Chemistry II and Lab | 4 | General Education Elective to reach 36 cr. min. **(if necessary)** |
| MATH 1160 Applied Calculus OR MATH 1153 Intro to Stats (Counted in GE 3) |   |  |
|  |  |  **Total GE** | **40** |
| ***English as a New Language 20 credit Endorsement*** | ***13*** | Undergraduate Catalog and GE Objectives by [Catalog Year](https://www.isu.edu/advising/academic-support/general-education/) *http://coursecat.isu.edu/undergraduate/programs/* |
| Foreign Language (Counted in GE 4) |
| ANTH/ENGL/LANG 1107 Nature of Language **OR**ENGL 2280 Grammar and Usage **OR**ENGL 2281 Introduction to Language Statistics | 3 |  |
| ANTH 4450 Sociolinguistics **OR**ANTH 4455 Phonetics **OR**ENGL 4480 Varieties of American English **OR**ENGL 4481 Studies in Grammar | 3 | **MAP Credit Summary** | **CR** |
| Major  | 65 |
| General Education  | 40 |
| Upper Division Free Electives to reach 36 credits | 0 |
| EDUC 2204 Families Community and Culture (Counted in GE 9) | Free Electives to reach 120 credits | 15 |
| EDUC 4460 Foundations of ESL | 3 |  TOTAL | 120 |
| EDUC 4463 ESL Methods | 3 |  |
| EDUC 4464 ESL Practicum  | 1 |
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|  |  | **Graduation Requirement Minimum Credit Checklist** | **Confirmed** |
|  |  | Minimum 36 cr. General Education Objectives (15 cr. AAS) |  |
|  |  | Minimum 15 cr. Upper Division in Major (0 cr. Associate) |  |  |
|  |  | Minimum 36 cr. Upper Division Overall (0 cr. Associate) |  |  |
|  |  | Minimum of 120 cr. Total (60 cr. Associate) |  |  |
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| **Advising Notes** | ***MAP Completion Status (for internal use only)*** |
| Teacher education programs are admission based programs and require a |  | *Date* |
| formal application to the College of Education. Minimum GPA 3.0; |  |  |
| Passing scores on the Praxis Core Academic Skills for Educators Exam; | *CAA or COT:* | 8.16.2019 jh |
| Background check |  |  |
| edadvise@isu.edu  | **Complete College American Momentum Year****Math and English course in first year****9 credits in the Major area in first year****15 credits each semester (or 30 in academic year)****Milestone courses** |
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|  |  Form Revised 7.18.2019 |

BA/BS, Secondary Ed, Biology 30, ENL20 Page 2