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| **Catalog Year 2019-2020**BA/BS Secondary EducationBusiness Education (30cr), Chemistry (20) | ***(For internal use only)***[ ]  *No change*[ ]  *UCC proposal* |

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 Writing and Rhetoric I | 3 | C- | GE | F,S,Su | Appropriate placement score |  |
| GE Objective 4: | 3 | C- | GE |  |  |  |
| GE Objective 4: | 3 | C- | GE |  |  |  |
| GE Objective 5:  | 3 | C- | GE |  |  |  |
| Free Electives | 3 | C- |  |  |  |  |
|  Total | 15 |  |  |  |  |  |
| Semester Two |
| GE Objective 1: ENGL 1102 Writing and Rhetoric II | 3 | C- | GE | F,S,Su | ENGL 1101 or equivalent |  |
| GE Objective 2: COMM 1101 Fundamentals of Oral Communication | 3 | C- | GE | F,S,Su |  |  |
| GE Objective 3: MATH 1160 Applied Calculus **OR** MATH 1170 Calculus 1 | 3 or 4 | C | GE | F,S,Su | Appropriate placement score |  |
| GE Objective 6:  | 3 | C | GE |  |  |  |
| Accounting Elective | 3 | C |  |  |  |  |
| Free Electives | 0 or 1 |  |  |  |  |  |
|  Total | 16 |  |  |  |  |  |
| Semester Three |
| GE Objective 5: CHEM 1111 & 1111L General Chemistry I and Lab | 5 | C | GE | F,S,Su | MATH 1143 or Equivalent | CHEM 111L |
| GE Objective 6: *Recommend EDUC 1110 Education and Schooling in the US* | 3 | C- | GE |  |  |  |
| GE Objective 9: EDUC 2204 Families, Community, Culture | 3 | C | GE | F,S,Su |  |  |
| BED 3341 Leadership in Advising in Career Tech Student Org. I | 1 | C | UU/UM | F,S |  |  |
| EDUC 2201 Developmental and Individual Differences | 3 | C |  | F,S,Su |  |  |
|  Total | 15 |  |  |  |  |  |
| Semester Four |
| BED 3342 Leadership in Advising in Career Tech Student Org. II | 1 | C | UU/UM | F,S | BED 3341 |  |
| CTE 4401 Foundations in Professional Technical Education | 3 | C | UU/UM | F,S | Permission of Instructor  |  |
| EDUC 3308 Fdns of Ed Knowledge, Planning and Assessment | 3 | C | UU/UM | F, S |  |  |
| BT 0144 Business Document Processing | 3 | C |  | D |  |  |
| CHEM 1112 & CHEM 1112L General Chemistry II and Lab | 4 | C |  | F,S,Su | CHEM 1111, CHEM 1111L | CHEM 1112L  |
|  Total | 14 |  |  |  |  |  |
| Semester Five |
| GE Objective 7 or 8: *Recommended FIN 1115 Personal Finance* | 3 | C | GE |  |  |  |
| ENGL 3308 Business Communications | 3 | C | UU/UM | F,S,Su | 60 Credits, ENGL 1102 |  |
| BED 3332 Methods in Business Education | 3 | C | UU/UM | D |  |  |
| BED 3343 Leadership in Advising in Career Tech Student Org. III | 1 | C | UU/UM | F,S | BED 3341 |  |
| CHEM 3301 & CHEM 3303 Organic Chemistry I and Lab | 4 | C | UU/UM | F | CHEM 1112 & CHEM 1112L  | CHEM 3303 |
| Approved Business Ed Elective | 3 | C |  |  |  |  |
|  Total | 17 |  |  |  |  |  |
| Semester Six |
| Either CHEM 4400 Practicum in Physical Science Or EDUC 3331 Science Methods for Teachers | 2 or 3 | C | UU/UM | F,S | Admission to Teacher Ed, Instructor Permission |  |
| EDUC 4401 Content Area Literacy | 3 | C | UU/UM | F, S | Admission to Teacher Education |  |
| Economics Elective | 3 | C |  |  |  |  |
| Approved Business Ed Elective | 3 | C |  |  |  |  |
| Approved Business Ed Elective | 3 | C |  |  |  |  |
| Free Elective  | 0 or 1 | C- |  |  |  |  |
|  Total  | 15 |  |  |  |  |  |
| Semester Seven  |
| CHEM 2211 & 2214 Inorganic Chemistry I and Lab  | 4 | C | UU/UM | F | CHEM 3301, CHEM 3303 |  |
| EDUC 3302 Motivation and Management | 3 | C | UU/UM | F,S,SU | EDUC 2201, 2204, 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 Ed | EDUC 4408 or MUSC 3338 |
|  Total  | 16 |  |  |  |  |  |
| Semester Eight |
| EDUC 4496 Secondary Education 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** | **33** | 1. Written English (6 cr. min) ENGL 1101 | 3 |
| ***Secondary Education classes*** |  |  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 1170 | 3 or 4 |
| EDUC 3302 Motivation and Management | 3 | 4. Humanities, Fine Arts, Foreign Lang. **(2 courses; 2 categories; 6 cr. min)** |
| EDUC 3308 Foundations of Educational Knowledge, Planning and Assessment | 3 |  |  |
| EDUC 3311 Instructional Technology | 3 |  |  |
| EDUC 4401 Content Area Literacy | 3 | 5. Natural Sciences **(2 lectures-different course prefixes, 1 lab; 7 cr. min)** |
| EDUC 4408 Pre-Internship Field Experience Seminar | 3 |  |  |
| EDUC 4496 Secondary Education Student Teaching Internship | 12 | CHEM 1111 & CHEM 1111L General Chemistry I  | 5 |
| SPED 3350 Creating Inclusive Classrooms | 3 |  |  |
|  |  | 6. Behavioral and Social Science **(2 courses-different prefixes; 6 cr. min)** |
| ***Business Education 30 credit Endorsement***  | **30** | *Recommend EDUC 1110 Education and Schooling in the US* |  |
| BED 3332 Methods in Business Education  | 3 |  |  |
| BED 3341 Leadership in Advising in Career Tech Student Org. I | 1 | One Course from EITHER Objective 7 OR 8 **(1course; 3 cr. min)** |
| BED 3342 Leadership in Advising in Career Tech Student Org. II | 1 | 7. Critical Thinking |  |
| BED 3343 Leadership in Advising in Career TechStudent Org. III | 1 | 8. Information Literacy *Recommended FIN 1115 Personal Finance* |
| BT 0144 Business Document Processing | 3 | 9. Cultural Diversity **(1 course; 3 cr. min)** |
| ENGL 3308 Business Communications | 3 | EDUC 2204 Families, Community, Culture | 3 |
| CTE 4401 Foundations in Professional Technical Education | 3 | General Education Elective to reach 36 cr. min. **(if necessary)** |
| ***Select 1 of the Following Accounting Courses:*** ACCT 2201 Principles of Accounting I; ACCT 3303 Accounting Concepts; BT 0120 Basic Accounting; BT 0147 Accounting Applications; BT 0148 Payroll Procedures; BT 0171 Computerized Accounting  | ***3*** |   |  |
| ***Select 1 of the Following Economics Courses: 3*** FCS 4470 Consumer Economics; ECON 2201 Principles of Macroeconomics; ECON 2202 Principles of Microeconomics |  **Total GE** | **38 or 39** |
| ***Select 9 credits from Recommended and Approved Elective Courses*** | ***9*** | Undergraduate Catalog and GE Objectives by [Catalog Year](https://www.isu.edu/advising/academic-support/general-education/)  |
| ACCT 2202, BA 1110, BED 4485, FCS 4470, CMP 2202, CMP 2261, CMP 3335, COUN 1150, ECON 1100, ECON 2202, ECON 3301, ECON 3302, ECON 3323, ECON 4431, FIN 1115, FIN 3303, INFO 1110, INFO 3301, INFO 3303, INFO 4430, MGT 2261, MGT 3303, MGT 3312, MGT 4462, CTE 4402, CTE 4403  |  |
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| ***Chemistry 20 credit Endorsement***  | ***14 or 15*** |
| CHEM 1111 & CHEM 1111L General Chemistry I and Lab (Counted in GE 5) |
| CHEM 1112 & CHEM 1112L General Chemistry II and Lab | 4 | **MAP Credit Summary** | **CR** |
| CHEM 2211& CHEM 2213 Inorganic Chemistry I and Lab | 4 | Major  | 77 or 78 |
| Either CHEM 4400 Practicum in Physical Science Or EDUC 3331 Science Methods for Teachers | 2 or 3 | General Education  | 38 or 39 |
| CHEM 3301 & CHEM 3303 Organic Chemistry I and Lab | 4 | Upper Division Free Electives to reach 60 credits | 0 |
| MATH 1160 Applied Calculus **OR**  MATH 1170 Calculus 1 (Counted in GE 3) | Free Electives to reach 120 credits | 3 to 5 |
|  |  |  Total | 120 |
|  |  | **Graduation Requirement Minimum Credit Checklist** | **Confirmed** |
|  |  | Minimum 36 cr. General Education Objectives (15 cr. AAS) |  |
|  |  | Minimum 16 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 |  | *Date* |
| A 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:* | 6.24.2019 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****Milestone courses** |