

A Major Academic Plan (MAP) illustrates one way to complete a degree in a recommended number of semesters. Below is an example of an efficient and recommended plan, but actual plans will vary by individual student needs. Program requirements are based on Catalog Year. See page two for a detailed summary of Major, General Education, Elective, and university requirements.

Catalog Year 2017-2018

Pre-Pharmacy: Math 1108/1143 placement

College of Pharmacy

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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 or 1101P English Composition | 3-4 | C- | GE |  | Appropriate placement score |  |
| MATH 1108 Intermediate Algebra | 4 |  |  | F,S,Su | MATH 0025 or placement score |  |
| GE Objective 5: BIOL 1101 & Lab Biology I | 4 |  | GE |  |  | MATH 1108, BIOL 1101L |
| GE Objective 4:  | 3 |  | GE |  |  |  |
|  |  |  |  |  |  |  |
|  Total | 14-15 |  |  |  |  |  |
| Semester Two |
| GE Objective 1: ENGL 1102 Critical Reading and Writing | 3 | C- | GE |  | ENGL 1101 or equivalent |  |
| GE Objective 2: COMM 1101 Principles of Speech | 3 |  | GE |  |  |  |
| GE Objective 6: ECON 2201 or 2202 | 3 |  | GE |  |  |  |
| MATH 1143 College Algebra | 3 |  |  | F,S,Su | MATH 1108 |  |
| BIOL 1102 & Lab Biology II | 4 |  |  | F,S | BIOL 1101 | BIOL 1102L |
|  Total | 16 |  |  |  |  |  |
| Semester Three |
| GE Objective 3: MATH 1153 Introduction to Statistics  | 3 |  | GE |  | MATH 1108 |  |
| GE Objective 5: PHYS 1111 General Physics | 3 |  | GE | F | MATH 1143 or 1147 |  |
| BIOL 3301 & Lab Anatomy and Physiology | 4 |  | UM | F,S | BIOL 1101 | BIOL 3301L |
| CHEM 1111 & Lab General Chemistry | 5 |  |  | F,S,Su | MATH 1143 or 1147 | CHEM 1111L |
|  |  |  |  |  |  |  |
|  Total | 15 |  |  |  |  |  |
| Semester Four |  |  |  |  |  |  |
| BIOL 3302 & Lab Anatomy and Physiology  | 4 |  | UM | F,S | BIOL 1101 | BIOL 3302L |
| CHEM 1112 & Lab General Chemistry II | 4 |  |  | F,S,Su | CHEM 1111 & 1111L | CHEM 1112L |
| GE Objective 7 or 8: | 3 |  | GE |  |  |  |
| GE Objective 6: | 3 |  | GE |  |  |  |
| GE Objective 4: | 3 |  | GE |  |  |  |
|  Total | 17 |  |  |  |  |  |
| Semester Five |  |  |  |  |  |  |
| MATH 1160 Applied Calculus | 3 |  |  | F,S,Su | MATH 1143 or 1147 |  |
| CHEM 3301/3303 Organic Chemistry | 4 |  | UM | F | CHEM 1112 & 1112L | CHEM 3303 |
| BIOL 4449 & Lab Human Physiology I | 4 |  | UM | F | BIOL 1101 |  |
| GE Objective 9: | 3 |  | GE |  |  |  |
|  |  |  |  |  |  |  |
|  Total | 14 |  |  |  |  |  |
| Semester Six |  |  |  |  |  |  |
| BIOL 2235 & Lab General Microbiology | 4 |  |  | F,S | BIOL 1101, 1102, CHEM 1112 | BIOL 2235L |
| CHEM 3302/3304 Organic Chemistry II | 4 |  | UM | S | CHEM 3301 | CHEM 3304 |
| BIOL 4432 Biochemistry | 3 |  | UM | F,S | BIOL 1101 and CHEM 3301 |  |
| BIOL 4456 & Lab Human Physiology II | 4 |  | UM | S | BIOL 4449 or equivalent |  |
|  Total | 15 |  |  |  |  |  |
| Semester Seven |  |  |  |  |  |  |
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|  Total  |  |  |  |  |  |  |
| Semester Eight |   |  |  |  |  |  |
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|  Total  |  |  |  |  |  |  |
| \*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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| **20XX-20XX Major Requirements** | **CR** | **20XX-20XX 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 |
|  |  |  ENGL 1102 | 3 |
|  |  | 2. Spoken English (3 cr. min) COMM 1101 | 3 |
|  |  | 3. Mathematics (3 cr. min) MATH 1153 | 3 |
|  |  | 4. Humanities, Fine Arts, Foreign Lang. **(2 courses; 2 categories; 6 cr. min)** |
|  |  |  |  |
|  |  |  |  |
|  |  | 5. Natural Sciences **(2 lectures-different course prefixes, 1 lab; 7 cr. min)** |
|  |  | BIOL 1101 and Lab | 4 |
|  |  | PHYS 1111 | 3 |
|  |  |  |  |
|  |  | 6. Behavioral and Social Science **(2 courses-different prefixes; 6 cr. min)** |
|  |  | ECON 2201 or 2202 | 3 |
|  |  |  |  |
|  |  | One Course from EITHER Objective 7 OR 8 **(1course; 3 cr. min)** |
|  |  | 7. Critical Thinking |  |
|  |  | 8. Information Literacy  |
|  |  | 9. Cultural Diversity **(1 course; 3 cr. min)** |
|  |  |  |  |
|  |  | General Education Elective to reach 36 cr. min. **(if necessary)** |
|  |  |   |  |
|  |  |  **Total GE** |  |
|  |  | GE Objectives - Catalog Requirements: *(*[*Catalog Courses)*](http://coursecat.isu.edu/undergraduate/academicinformation/generaleducation/) |
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|  |  | **MAP Credit Summary** | **CR** |
|  |  | Major  |  |
|  |  | General Education  |  |
|  |  | Free Electives to reach 120 credits |  |
|  |  |  TOTAL |  |
|  |  |  |
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|  |  | **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) |  |  |
|  |  |  |  |
| **Advising Notes** | ***MAP Completion Status (for internal use only)*** |
| Higher placement test scores in English and Math can shorten the time |  | *Date* |
| required to complete pre-requisite courses. Contact a Pharmacy | *Department:*  |  |
| Admissions Advisor for more information (208) 282-4597. | *CAA or COT:* |  |
|  | *Registrar:*  |  |
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 Form Revised 4.14.2017