

Catalog Year 2017-2018

B.B.A., Business Informatics

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.

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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 English Composition | 3 | C- | GE | F, S, Su | Appropriate placement score |
| GE Objective 4 | 3 |  | GE |  |  |  |
| BA 1110: World of Business | 3 | C- |  | F,S |  |  |
| GE Objective 7 INFO 1181 Informatics and Programming I | 3 |  | GE | F, S, | MATH 1143 or 1147 |  |
| INFO 1150 Software and Systems Architecture | 3 | C- |  | D |  | INFO 1181 |
|  Total | 15 |  |  |  |  |  |
| 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 6: NOT ECON | 3 |  | GE |  |  |  |
| INFO 1182 Informatics and Programming II | 3 | C- |  | F, S | INFO 1181 |  |
| MKTG 2225 Basic Marketing Management | 3 | C- |  | F, S |  |  |
|  Total | 15 |  |  |  |  |  |
| Semester Three |
| GE Objective 3: MGT 2216 Business Statistics | 3 | C- | GE | F,S | MATH 1108 and ENGL 1101 or equivalent |
| INFO 2220 Web Development: Client Side Programming | 3 | C- |  | D | INFO 1181 |  |
| BA 2210 Intro to Professional Development I | 1 | C- |  | F,S |  |  |
| ACCT 2201 Principles of Accounting I | 3  | C- |  | F,S | MATH 1108 (C- min. grade), ENGL 1101 (or equivalent) |
| GE Objective 5: Lecture and Lab | 4 |  | GE |  |  |  |
|  Total | 14 |  |  |  |  |  |
| Semester Four |  |  |  |  |  |  |
| MGT 2217: Advanced Business Statistics | 3 | C- |  | F, S | MGT 2216  |  |
| GE Objective 5: Lecture only | 3 |  | GE |  |  |  |
| INFO 3307 Systems Analysis and Design | 3 | C- | UM | D | INFO 1181 |  |
| ACCT 2202 Principles of Accounting II | 3 | C- |  | F, S, | ACCT 2201(C- min. grade) |  |
| GE Objective 4: ECON 2201 Principles of Macroeconomics | 3 | C- | GE | F, S, Su |  |  |
|  Total | 15 |  |  |  |  |  |
| Semester Five |  |  |  |  |  |  |
| GE Objective 9 | 3 |  | GE |  |  |  |
| BA 3310 Exploring Professional Development II | 1 |  | UM | F, S | BA 2210 |  |
| ECON 2202 Principles of Microeconomics | 3 | C- |  | F, S, Su |  |  |
| INFO 4407 Database Design and Implementation  | 3 | C- | UM | D | INFO 1182, INFO 3307 |  |
| GE Objective 4 | 3 |  | GE |  |  |  |
| INFO 3380 Networking and Virtualization | 3 | C- | UM | D | INFO 1150 |  |
|  Total | 16 |  |  |  |  |  |
| Semester Six |  |  |  |  |  |  |
| INFO 3301 Intro to Informatics and Analytics | 3 | C- | UM | F, S | INFO 1100 or equivalent |  |
| MGT 2261 Legal Environment of Organizations | 3 | C- |  | F, S | Sophomore Standing |  |
| MGT 3312 Individual and Organizational Behavior | 3  | C- | UM | F, S | ENGL 1102 |  |
| CMP 2201 Business and Professional Speaking  | 3 | C- |  | F, S, Su | COMM 1101 |  |
| FIN 3315 Corporate Financial Management | 3 | C- | UM | F,S | ACCT 2202, GMT 2216, ECON 2201 and 2202 |
|  Total | 15 |  |  |  |  |  |
| Semester Seven |  |  |  |  |  |  |
| BA 4410 Implementing Professional Development III | 1 |  | UM | F, S | BA 3310 |  |
| FIN 1115 Personal Finance or INFO 1101 Digital Literacy | 3 | C- |  | F, S, Su |  |  |
| INFO 4430 Web App Development | 3 | C- | UM | D | INFO 4407 |  |
| MGT 3329 Operations and Productions Management | 3 | C- | UM | F, S | MGT 2217 |  |
| Free Elective Credits | 4 |  |  |  |  |  |
|  Total  | 14 |  |  |  |  |  |
| Semester Eight |   |  |  |  |  |  |
| MGT 4460 Strategic Management | 3 | C- | UM | F, S | Senior, INFO 3301, FIN 3315, MGT 3312, 3329, MKTG 2225 |
| Either ENGL 3307 Professional and Technical Writing Or ENGL 3308 Business Communication | 3 |  | UM | F, SF, S, Su | 40 Credits, ENGL 1102 Or 60 Credits, ENGL 1102 |  |
| INFO 4482 Systems Dev. & Implementation Methodologies | 3 | C- | UM | D | INFO 4407, INFO 4430 |  |
| INFO 4493 Advanced Informatics Internship | 3 | C- | UM | F,S |  |  |
| Free Upper Division Elective Credits | 1 |  | UM |  |  |  |
| Free Elective Credits | 3 |  |  |  |  |  |
|  Total  | 16 |  |  |  |  |  |
| \*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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| **2017-2018 Major Requirements** | **CR** | **2017-2018 GENERAL EDUCATION OBJECTIVES****Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9** | **36 cr. min** |
| **MAJOR REQUIREMENTS** | **75** | 1. Written English (6 cr. min) ENGL 1101 | 3 |
| **COB Core Requirements** | **48** |  ENGL 1102 | 3 |
| ACCT 2201 Principles of Accounting I | 3 | 2. Spoken English (3 cr. min) COMM 1101 | 3 |
| ACCT 2202 Principles of Accounting II | 3 | 3. Mathematics (3 cr. min)  |  |
| BA 1110 World of Business | 3 | 4. Humanities, Fine Arts, Foreign Lang. **(2 courses; 2 categories; 6 cr. min)** |
| BA 2210 Intro to Professional Development  | 1 |  |  |
| BA 3310 Exploring Professional Development II | 1 |  |  |
| BA 4410 Implementing Professional Development III | 1 | 5. Natural Sciences **(2 lectures-different course prefixes, 1 lab; 7 cr. min)** |
| CMP 2201 Business and Professional Speaking | 3 |  |  |
| ECON 2201 Principles of Macroeconomics (included in Gen. Ed) |  |  |
| ECON 2202 Principles of Microeconomics  | 3 |  |  |
| Either ENGL 3307 Professional and Technical WritingOr ENGL 3308 Business Communications | 3 | 6. Behavioral and Social Science **(2 courses-different prefixes; 6 cr. min)** |
| FIN 3315 Corporate Financial Management | 3 | ECON 2201 Principles of Macroeconomics | 3 |
| INFO 3301 Introduction to Informatics and Analytics | 3 |  |  |
| MGT 2216 Business Statistics (included in General Education) | One Course from EITHER Objective 7 OR 8 **(1course; 3 cr. min)** |
| MGT 2217 Advanced Business Statistics | 3 | 7. Critical Thinking INFO 1181 Informatics and Programming I | 3 |
| MGT 2261 Legal Environments of Organizations | 3 | 8. Information Literacy  |
| MGT 3312 Individual and Organizational Behavior | 3 | 9. Cultural Diversity **(1 course; 3 cr. min)** |
| MGT 3329 Operations and Production Management | 3 |  |  |
| MGT 4460 Strategic Management | 3 | General Education Elective to reach 36 cr. min. **(if necessary)** |
| MKTG 2225 Basic Marketing Management | 3 |   |  |
| FIN 1115 Personal Finance or INFO 1101 Digital Literacy  | 3 |  Total GE | 37 |
| **Business Informatics** | **27** | GE Objectives Courses: [*2017-2018 General Education Requirements (PDF)*](http://www.isu.edu/media/libraries/central-academic-advising/pdf-files/gened-requirements/2017-2018-General-Education-Requirements.pdf) |
| INFO 1150 Software and Systems Architecture | 3 |
| INFO 1181 Informatics and Programming I (Included in Gen. Ed) |  |  |
| INFO 1182 Informatics and Programming II | 3 | **MAP Credit Summary** | **CR** |
| INFO 2220 Web Development: Client-Side Programming | 3 | Major  | 75 |
| INFO 3380 Networking and Virtualization | 3 | General Education  | 37 |
| INFO 3307 Systems Analysis and Design | 3 | Free Electives to reach 120 credits | 8 |
| INFO 4407 Database Design and Implementation | 3 |  TOTAL | 120 |
| INFO 4482 Sys Dev. & Implementation of Methodologies | 3 |  |
| INFO 4430 Web App Development | 3 |
| INFO 4439 Advanced Informatics Internship | 3 | **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)*** |
|  |  | *Date* |
|  | *Department:*  |  |
|  | *CAA or COT:* | 5.22.2017jh |
|  | *Registrar:*  |  |
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 Form Revised: 4.14.2017