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| **Catalog Year 2020-2021**  BBA, Business Informatics | ***(For internal use only)***  *No change*  *UCC proposal* |

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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 |  | GE | F, S, Su |  |  |
| MGT 1101 Introduction to Business | 3 |  |  | F,S |  |  |
| GE Objective 6: NOT ECON | 3 |  | GE | F, S |  |  |
| Appropriate math prerequisite (MATH 1143/1147) or Free electives | 3 |  |  | D |  |  |
| 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 Oral Communication | 3 |  | GE | F, S, Su |  |  |
| GE Objective 7: INFO 1181 Informatics and Programming | 3 |  | GE | F, S, Su | MATH 1143 or MATH 1147 |  |
| GE Objective 5: Lecture and Lab | 4 |  | E | F,S, Su |  |  |
| MKTG 2225 Basic Marketing Management | 3 |  |  | F, S |  |  |
| Total | 16 |  |  |  |  |  |
| Semester Three | | | | | | |
| GE Objective 3: MGT 2216 Business Statistics | 3 |  | GE | F,S | MATH 1108 and ENGL 1101 (or equivalent) | |
| INFO 1150 Software and Systems Architecture | 3 |  |  | D |  | INFO 1181 |
| MKTG 3310 Professional Development & Personal Branding | 3 |  | UM | F, S | MKTG 1101, MKTG 2225 |  |
| ACCT 2201 Principles of Accounting I | 3 |  |  | F,S | MATH 1108 (C- min. grade) and ENGL 1101 (or equivalent) | |
| CS 2235 Data Structures & Algorithms | 3 |  |  | F, S | INFO 1181 |  |
| Total | 15 |  |  |  |  |  |
| Semester Four |  |  |  |  |  |  |
| MGT 2217 Advanced Business Statistics | 3 |  |  | F, S | MGT 2216 and MATH 1108 |  |
| GE Objective 5: Lecture only | 3 |  | GE | F, S, Su |  |  |
| CS 2263 Advanced Object-Oriented Programming | 3 |  |  | S | CS 2235 |  |
| ACCT 2202 Principles of Accounting II | 3 |  |  | F, S, | ACCT 2201(C- min. grade) |  |
| GE Objective 6: ECON 2201 Principles of Macroeconomics | 3 |  | GE | F, S, Su |  |  |
| Total | 15 |  |  |  |  |  |
| Semester Five |  |  |  |  |  |  |
| GE Objective 9 | 3 |  | GE | F, S, Su |  |  |
| ECON 2202 Principles of Microeconomics | 3 |  |  | F, S, Su |  |  |
| INFO 4407 Database Design and Implementation | 3 |  | UM | D | INFO 1181 |  |
| GE Objective 4 | 3 |  | GE | F, S, Su |  |  |
| INFO 3307 Systems Analysis and Design | 3 | C- | UM | D | INFO 1181, CS 2263 |  |
| Total | 15 |  |  |  |  |  |
| Semester Six |  |  |  |  |  |  |
| INFO 3301 Intro to Informatics and Analytics | 3 |  | UM | F, S | INFO 1100 or equivalent |  |
| MGT 2261 Legal Environment of Organizations | 3 |  |  | F, S | Sophomore Standing |  |
| MGT 3312 Individual and Organizational Behavior | 3 |  | UM | F, S | Junior standing and ENGL 1102 |  |
| CMP 2201 Business and Professional Speaking | 3 |  |  | F, S, Su | COMM 1101 |  |
| FIN 3315 Corporate Financial Management | 3 |  | UM | F,S | ACCT 2202, GMT 2216, ECON 2201, and ECON 2202 | |
| Total | 15 |  |  |  |  |  |
| Semester Seven |  |  |  |  |  |  |
| INFO Elective | 3 |  | UM | D |  |  |
| Either ENGL 3307 Professional and Technical Writing  Or ENGL 3308 Business Communication | 3 |  | UM | F, S  F, S, Su | 40 Credits, ENGL 1102  Or 60 Credits, ENGL 1102 |  |
| MGT 3329 Operations and Supply Chain Management | 3 |  | UM | F, S | MGT 2217 and INFO 3301 |  |
| Free Electives | 6 |  |  | F, S, Su |  |  |
| Total | 15 |  |  |  |  |  |
| Semester Eight |  |  |  |  |  |  |
| MGT 4460 Strategic Management | 3 |  | UM | F, S | Senior, INFO 3301, FIN 3315, MGT 3312, 3329, MKTG 2225 | |
| INFO 4493 Advanced Informatics Internship  or INFO 4488 Informatics Senior Project | 3 |  | UM | F,S |  |  |
| INFO Elective | 3 |  |  | D |  |  |
| Free Electives | 8 |  |  | F, S, Su |  |  |
| 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.) | | | | | | |

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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| BBA, Business Informatics | | | | | | |
| **2020-2021 Major Requirements** | **CR** | **2020-2021 GENERAL EDUCATION OBJECTIVES**  **Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9** | | | | **36 cr. min** |
| **MAJOR REQUIREMENTS** | **69** | 1. Written English (6 cr. min) ENGL 1101 | | | | 3 |
| **COB Core Requirements** | **45** | 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) MGT 2216 | | | |  |
| MGT 1101 Introduction to Business | 3 | 4. Humanities, Fine Arts, Foreign Lang. **(2 courses; 2 categories; 6 cr. min)** | | | | |
| ECON 2201 Principles of Macroeconomics (included in Gen Ed Obj. 6) | |  | | | |  |
| ECON 2202 Principles of Microeconomics | 3 |  | | | |  |
| CMP 2201 Business and Professional Speaking | 3 | 5. Natural Sciences **(2 lectures-different course prefixes, 1 lab; 7 cr. min)** | | | | |
| Either ENGL 3307 Professional and Technical Writing | 3 |  | | | |  |
| Or ENGL 3308 Business Communication |  | | | |  |
| FIN 3315 Corporate Financial Management | 3 |  | | | |  |
| INFO 3301 Introduction to Informatics and Analytics | 3 | 6. Behavioral and Social Science **(2 courses-different prefixes; 6 cr. min)** | | | | |
| MGT 2216 Business Statistics (included in Gen Ed Obj. 3) | | ECON 2201 Principles of Macroeconomics | | | | 3 |
| MGT 2217 Advanced Business Statics | 3 |  | | | |  |
| MGT 2261 Legal Environments of Organizations | 3 | One Course from EITHER Objective 7 OR 8 **(1course; 3 cr. min)** | | | | |
| MGT 3312 Individual and Organizational Behavior | 3 | 7. Critical Thinking INFO/CS 1181 | | | | 3 |
| MGT 3329 Operations and Supply Chain Management | 3 | 8. Information Literacy | | | |
| MGT 4460 Strategic Management | 3 | 9. Cultural Diversity **(1 course; 3 cr. min)** | | | | |
| MKTG 2225 Basic Marketing Management | 3 |  | | | |  |
| MKTG 3310 Professional Development & Personal Branding | 3 | General Education Elective to reach 36 cr. min. **(if necessary)** | | | | |
| INFO/CS 1181 (included in Gen Ed Obj. 7) | |  | | | |  |
|  | | Total GE | | | | 37 |
| **Informatics** | **24** | Undergraduate Catalog and GE Objectives by [Catalog Year](https://www.isu.edu/advising/academic-support/general-education/)  *http://coursecat.isu.edu/undergraduate/programs/* | | | | |
| INFO 1150 Software and Systems Architecture | 3 |
| CS 2235 Data Structures and Algorithms | 3 |  | | |  | |
| CS 2263 Advanced Object-Oriented Programming | 3 | **MAP Credit Summary** | | | **CR** | |
| INFO 3307 Systems Analysis and Design | 3 | Major | | | 69 | |
| INFO 4407 Database Design and Implementation | 3 | General Education | | | 37 | |
|  |  | Free Electives to reach 120 credits | | | 14 | |
| **Informatics Electives**  **Choose one set of paired electives from the following tracks:** | 6 | TOTAL | | | 120 | |
| INFO 2220 Web Development: Client-Side Programming  and 4430 Web Application Development |  |  | | | | |
| **Graduation Requirement Minimum Credit Checklist** | | **Confirmed** | | |
| or INFO 3380 Networking and Virtualization  and 4487 Software Systems Study |  | Minimum 36 cr. General Education Objectives (15 cr. AAS) | | x | | |
| or CS 1337 Systems Programming and Assembly  CS 3337 Advanced Systems Programming |  | Minimum 15 cr. Upper Division in Major (0 cr. Associate) | | x | | |
| Minimum 36 cr. Upper Division Overall (0 cr. Associate) | | x | | |
| **Applied Education requirement** | **3** | Minimum of 120 cr. Total (60 cr. Associate) | | x | | |
| INFO 4493 Advanced Informatics Internship  or INFO 4488 Informatics Senior Project |  | ***MAP Completion Status (for internal use only)*** | | | | |
|  |  |  | *Date* | | | |
| **Advising Notes** | |  |  | | | |
|  | | *CAA or COT:* |  | | | |
|  | | **Complete College American Momentum Year**  **Math and English course in first year-Specific GE MATH course identified**  **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: 11.21.2019