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| **Catalog Year 2019-2020**  BBA, Health 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 |  |  |
| BA 1110: World of Business | 3 |  |  | F,S |  |  |
| GE Objective 7: INFO 1181 Informatics and Programming | 3 |  | GE | F, S, | MATH 1143 or MATH 1147 | MATH 1143 or MATH 1147 |
| INFO 1150 Software and Systems Architecture | 3 |  |  | D |  | INFO 1181 |
| 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 5: Lecture and Lab | 4 |  | GE | F, S, Su |  |  |
| INFO 1182 Informatics and Programming II | 3 |  |  | F, S | INFO 1181 |  |
| 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 3307 Systems Analysis and Design | 3 |  | UM | D | INFO 1181 |  |
| BA 2210 Intro to Professional Development I | 1 |  |  | F,S |  |  |
| ACCT 2201 Principles of Accounting I | 3 |  |  | F,S | MATH 1108 (C- min. grade) and ENGL 1101 (or equivalent) | |
| GE Objective 6: NOT ECON | 3 |  | GE | F, S, Su |  | |
| HCA 1115 US Health Systems | 3 |  |  | F, S, Su |  |  |
| 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 |  |  |
| INFO 3380 Networking and Virtualization | 3 |  | UM | D | INFO 1150 |  |
| 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 |  |  |
| BA 3310 Exploring Professional Development II | 1 |  | UM | F, S | BA 2210 |  |
| ECON 2202 Principles of Microeconomics | 3 |  |  | F, S, Su |  |  |
| INFO 4407 Database Design and Implementation | 3 |  | UM | D | INFO 1182, INFO 3307 |  |
| GE Objective 4 | 3 |  | GE | F, S, Su |  |  |
| INFO 3330 Health Informatics | 3 |  | UM | D |  |  |
| Total | 16 |  |  |  |  |  |
| 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 4422 Health Information Governance | 3 |  | UM | D | INFO 3330 |  |
| MGT 3329 Operation and Production Management | 3 |  | UM | F, S | MGT 2216 |  |
| INFO 4424 Healthcare Workflow Process Analysis & Redesign | 3 |  | UM | D | INFO 3330 |  |
| INFO 4426 Health Data Analytics | 3 |  | UM | D | INFO 3330, MGT 2227 |  |
| Free Electives | 3 |  |  |  |  |  |
| Total | 15 |  |  |  |  |  |
| Semester Eight |  |  |  |  |  |  |
| MGT 4460 Strategic Management | 3 |  | UM | F, S | Senior, INFO 3301, FIN 3315, MGT 3312, 3329, MKTG 2225 | |
| Either ENGL 3307 Professional Technical Writing or  ENGL 3308 Business Communications | 3 |  | UM | F, S  F, S, Su | 45 Credits, ENGL 1102  Or 60 Credits, ENGL 1102 |  |
| HCA 4465 Health Care Operations and Quality | 3 |  | UM | S |  |  |
| HCA 4489 Health Care Informatics Practicum | 3 | C- | UM | F, S, Su |  |  |
| 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.) | | | | | | |

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, Health Informatics | | | | | | |
| **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** | **68** | 1. Written English (6 cr. min) ENGL 1101 | | | | 3 |
| **COB Core Requirements** | **44** | 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 | | | |  |
| 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 |  | | | |  |
| ECON 2201 Principles of Macroeconomics (included in Gen Ed Obj. 6) | | 5. Natural Sciences **(2 lectures-different course prefixes, 1 lab; 7 cr. min)** | | | | |
| ECON 2202 Principles of Microeconomics | 3 |  | | | |  |
| CMP 2201 Business and Professional Speaking | 3 |  | | | |  |
| Either ENGL 3307 Professional and Technical Writing | 3 |  | | | |  |
| Or ENGL 3308 Business Communication | 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 Gen Ed Obj. 3) | | One Course from EITHER Objective 7 OR 8 **(1course; 3 cr. min)** | | | | |
| MGT 2217 Advanced Business Statics | 3 | 7. Critical Thinking INFO/CS 1181 | | | | 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 |  | | | |  |
| INFO/CS 1181 (included in Gen Ed Obj. 7) | | Total GE | | | | 37 |
| **Informatics** | **36** | 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 |
| INFO 1182 Informatics and Programming II | 3 |  | | |  | |
| INFO 3380 Networking and Virtualization | 3 | **MAP Credit Summary** | | | **CR** | |
| INFO 3307 Systems Analysis and Design | 3 | Major | | | 80 | |
| INFO 4407 Database Design and Implementation | 3 | General Education | | | 37 | |
| INFO 3330 Health Informatics | 3 | Free Electives to reach 120 credits | | | 15 | |
| INFO 4422 Health Information Governance | 3 | TOTAL | | | 120 | |
| INFO 4424 Healthcare Workflow Process Analysis and Redesign | 3 |  | | | | |
| INFO 4426 Health Data Analytics | 3 | **Graduation Requirement Minimum Credit Checklist** | | **Confirmed** | | |
| HCA 1115 US Health System | 3 | Minimum 36 cr. General Education Objectives (15 cr. AAS) | | x | | |
| HCA 4465 Health Care Operations and Quality | 3 | Minimum 15 cr. Upper Division in Major (0 cr. Associate) | | x | | |
| HCA 4489 Health Care Informatics Practicum | 3 | Minimum 36 cr. Upper Division Overall (0 cr. Associate) | | x | | |
|  |  | Minimum of 120 cr. Total (60 cr. Associate) | | x | | |
|  |  | ***MAP Completion Status (for internal use only)*** | | | | |
| **Advising Notes** | |  | *Date* | | | |
|  | |  |  | | | |
|  | | *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: 9.10.2018