

# Healthcare Informatics BS

## Healthcare Informatics Degree Audit

### **First Year – 1<sup>st</sup> Semester HCI Advisement**

- BU132 Information Technology I (3 cr.)
- CNA105 IT Foundations (4 cr.)
- EN101 English Composition (3 cr.)
- GS100 College Seminar or GS102 College Success (1/3 cr.)
- HCI102 Introduction to Healthcare Informatics (3 cr.)
- BIO119 Medical Terminology (3 cr.)

### **First Year – 2<sup>nd</sup> Semester HCI Advisement**

- BIO109 Essentials of Anatomy & Physiology (3 cr.)
- BIO109L Essentials of Anatomy & Physiology Lab (1 cr.)
- HCI101 Healthcare Systems & Operations (3 cr.)
- HIT103 Health Information Systems (3 cr.)
- HIT104 Legal Aspects of Health Information Technology (3 cr.)
- MA107 Logical Reasoning & Decision Making (3 cr.)

### **Second Year – 1<sup>st</sup> Semester HCI Advisement**

- DA 101 Intro to Data Science (3 cr.)
- EN200 Advanced Composition (3 cr.)
- HIT118 Healthcare Reimbursement (3 cr.)
- MA120 Statistics I (3 cr.)
- PSY101 General Psychology (3 cr.)

### **Second Year – 2<sup>nd</sup> Semester HCI Advisement**

- BU106 Business Communications (3 cr.)
- EC202 Prin. of Microeconomics (3 cr.)
- HCI210 Healthcare Informatics Data Standards (3 cr.)
- HIT201 Management Principles for Health Professionals (3 cr.)
- HIT208 Quality Assurance & Improvement (2 cr.)
- PH205 Ethics in Health Care (3 cr.)

### **Third Year – 1<sup>st</sup> Semester HCI Advisement**

- BU300 Project Management (3 cr.)
- HCI300 Business Systems Analysis & Design in Healthcare (3 cr.)
- MA220 Statistics II (3 cr.)
- Humanities Elective (3 cr.)
- Social Science Elective (3 cr.)

**Third Year – 2<sup>nd</sup> Semester HCI Advisement**

- HCI320 Healthcare Leadership & Change Management (3 cr.)
- HCI330 Clinical Decision Support Systems (3 cr.)
- GS320 Research Methods & Designs (3 cr.)
- Humanities Elective (3 cr.)
- Social Science Elective (3 cr.)

**Fourth Year – 1<sup>st</sup> Semester HCI Advisement**

- HCI400 Database Healthcare Management Systems (3 cr.)
- Free Elective (3 cr.)
- SOC300 Epidemiology (3 cr.)
- Humanities Elective (3 cr.)
- Social Science Elective (3 cr.)

**Fourth Year – 2<sup>nd</sup> Semester HCI Advisement**

- DA103 SQL for Data Analysis (3 cr.)
- HCI410 Healthcare Informatics Practicum (3 cr.)
- PH350 Topics in Bioethics (3 cr.)
- Social Science Elective (3 cr.)

**General HCI Advising Information**

- Students should take BIO119 in the first semester.
- MA 107 should be completed before MA 120.
- MA 120 should be completed before MA 220.
- PSY 101 and 3 credits of natural science must be completed before PSY 320
- EN 101 must be completed before EN 200
- Other Liberal Arts courses may be completed in any sequence.
- Students may register for the Mercy Action Project MAP 100 in any semester as long as the requirement is completed prior to graduation.