BACHELOR OF SCIENCE IN INFORMATICS
Program Plan

Prerequisites
PSYC 111 Introduction to Psychology
SOCI 111 Introduction to Sociology

Core in Major
Foundations in Major (42 hours)
INFM 110 Introduction to Informatics
INFM 204 Digital Logic and Programming
INFM 210 Programming Concepts for Informatics
INFM 212 Web Development
INFM 310 Advanced Programming Concepts
INFM 312 Data Base Design and Data Processing
INFM 331 Decision Theory
INFM 350 Digital Networks
INFM 355 Systems Analysis and Design
INFM 372 Human-Computer Interaction and Usability Study
INFM 405 Research Methods and Project Planning and Management
MATH 220 Applied Statistical Methods
MATH 225 Topics in Discrete Mathematics
INFM 498 Capstone

Choose One Course of Study (A, B or C) (9 hours)

**Track A: Health Information Technology**
IMFM 205 Survey of Health Informatics
IMFM 225 Health Informatics Standardization
INFM 335 Basic Biostatistics, Health Data Processing, and Literature Evaluation

**Track B: Web Development and Human-Computer Interaction**
INFM 202 Graphics and Interface Design
INFM 322 Introduction to Multimedia and Web Design Tools
INFM 332 Client - Server Development

**Track C: General Informatics**
Select any three courses:
INFM 202 Graphics and Interface Design
INFM 205 Survey of Health Informatics
INFM 225 Health Informatics Standardization
INFM 301 Issues in Technology Management
INFM 321 Technology and Culture
INFM 322 Introduction to Multimedia and Web Design Tools
INFM 332 Client-Server Development
INFM 335 Basic Biostatistics, Health Data Processing, and Literature Evaluation
INFM 390 Special Topics in Informatics
INFM 395 Directed Study in Informatics

Total Core in Major Hours: 51
Total General Education Hours: 39
Total Elective Hours: 30
Total Degree Hours: 120

Minors
Digital Forensics Minor (18 Hours)
INFM 204 Digital Logic and Programming
INFM 210 Programming Concepts for Informatics
CRJS 375 Criminal Investigation
CRJS/INSY 391 Computer Privacy, Ethics, Crime and Society
DGTF 390 Digital Forensics I
DGTF 490 Digital Forensics II

Informatics Minor (18 Hours)
INFM 110 Introduction to Informatics
INFM 322 Introduction to Multimedia and Web Design Tools
Four additional courses in INFM/INSY at the 200 level or above. At least two of these courses must be 300 level or above.