Information Systems and Informatics (ISI) Program

Curriculum Course Map

**IS Curriculum**

- **Gen. Ed.** 42cr
  - Pathway Core (12 CRs)
  - Flexible Core with 2 courses From FSWR (18 CRs)
  - MTH 100 level (121, 123, 130)
  - College Option (up to 12 CRs)

- **Pre Major** 33-36cr
  - ECO230/MGT320 Statistics
  - MTH 200 level course (221, 229/230, 232, 229/231)
  - ACC 114 Accounting
  - MGT 110 Management
  - ECO 111 MicroEconomics
  - BUS 160 Business Law
  - CSC126 Intro to CS
  - BUS 215 Info Management

- **IS Core** 19cr.
  - ISI 205 Data Communication & IT Infrastructure
  - CSC 226 Web App Development
  - CSC 315 Intro to Database Management Systems
  - ISI 352 System Analysis & Design
  - ISI 490 Capstone Project

- **IS Tracks** 16 cr.
  - Informatics Track
    - ISI 315 Information Security & Risk Management
    - ISI 334 Business Intelligence & Analytics
    - ISI 374 Project Management
    - ISI 364 Enterprise IT Strategies
  - Software Engineering Track
    - CSC 438 Mobile App. Development
    - CSC 421 Internet Communications and Security
    - CSC 424 Adv. Database Systems

- **Electives** 7-10cr.

**NOTE:** Edited 1/14/2017
Course Dependency Map

- **ECO 111** Micro Eco
  - **ECO/MGT230** Statistics
    - **ISI 115** Info Security & Risk Management
    - **ISI 316** Enterprise IT Strategy
    - **ISI 374** Project Management
    - **ISI 205** Data Communication & IS Infra.
    - **ISI 300** Information Structures for Business
    - **CSC226** Web Application Development
    - **ISI 334** Business Intell & Analytics
    - **ACC 114** Accounting
    - **ISI 352** System Analysis & Design
    - **ISI 400** Capstone Project
    - **MGT 110** Management
    - **MTH 123 or 130 Or higher**

- **BUS215** Information Mgt
  - **CSC126** Intro to CS
  - **CSC421** Internet Data Com & Security
  - **CSC438** Mobile App Development
  - **CSC424** Adv. Database

- **MTH 200 Level**

- **Last update 1/14/2017**