Bachelor of Arts in Information Technology
Second Major/Degree in IT (effective 8/2010)

Prerequisites
- CGS 2518 Data Analysis
- COP 2250 Programming in Java
- MAD 1100 Math Concepts for IT

Core
- CEN 3721 Human Computer Interaction
  Pre: COP 2250
- COP 3804 Intermediate Java
  Pre: COP 2250, Co: CEN 3721
- CGS 3767 Computer Operating Systems
  Pre: COP 2250
- COP 4703 Information Storage and Retrieval
  Pre: COP 3804
- CGS 4854 Web Site Constr. and Mgmt.
  Pre: COP3804, CGS 3767
- CGS 4285 Applied Computer Networking
  Pre: CGS 3767

Electives
- CTS 4408 DB Administration
  Pre: COP 4703
- COP 4814 Component-Based Soft.
  Pre: CGS 4854, COP 4703
- COP 4005 Windows Prgm. for IT
  Pre: COP 3804, Co: COP 4703
- CNT 4403 Computing and Net. Security
  Pre: COP 3804, CGS 3767
- CNT 4513 Data Comm.
  Pre: COP 3804, CGS 4285
- CTS 4348 Unix System Admin
  Pre: CGS 3767
- COP 4722 Survey of DB Systems
  Pre: COP 4703
- COP 4655 Mobile Appl. Prgm.
  Pre: CEN 4023
- COP 4813 Web Appl. Prgm.
  Pre: CGS 4854, COP 4065
- CNT 4504 Advanced Network Mgmt.
  Pre: CNT 4513
- CIS 4431 IT Automation
  Co: CGS 4285

Twelve credits of electives must be taken by all students. For those who are pursuing two majors at the same time, the electives can be split between IT electives and approved cognate electives. All other students must take twelve credits of IT electives.

IT Electives
Choose from the above list of electives.

Cognate Electives
For students pursuing two majors at the same time, a cognate elective is a course from the other major that is related to IT. If there are suitable courses that are required for the other major, they can replace up to six credits of IT electives. All cognate classes must be approved by advisers from both majors.

Pre: indicates a prerequisite. The prerequisite must be completed before the current course.

All courses are 3 credits, except as noted.

Co: indicates a co-requisite. The co-requisite may be taken at the same time as or before the current course. The co-requisite is a prerequisite for any course that has the current course as a prerequisite.

Updated 08/2014