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

CGS2518 OR CGS2060 OR CGS2100
Data Analysis Intro to Microcomputers Microcomputers for Business

MAD1100 OR COT3100
Math Concepts for IT Discrete Structures

COP2250 Programming in Java

CEN3721 Human Computer Interaction
COP 3804 Intermediate Java
CGS3767 Computer Operating Systems

COP4703 Information Storage & Retrieval
CGS4854 Web Site Construction Mgmt
CGS4285 Applied Computer Networking

IT Electives: Students must take twelve credits of electives. 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.

- CIS 4365 Enterprise Cybersecurity (Prereq: CNT4403 or EEL4806)
- CIS 4431 IT Automation (Co-req: CGS4285)
- CNT 4182 Mobile & IoT Security (Prereq: CNT4403 or EEL4806)
- CNT 4403 Computing & Netw Security (Prereq: COP3804 and CGS4285)
- CNT 4504 Advanced Netw Mgmt (Prereq: CNT4513)
- CNT 4513 Data Communication (Prereq: COP3804 & CGS4285)
- CNT 4603 Windows System Admin (Prereq: CGS3767)
- COP 4005 Windows Pgm for IT (Prereq: COP3337 & CEN3721, Co-req: COP4703)
- COP 4655 Mobile Appl Pgm (Prereq: COP4814 & CEN3721)
- COP 4722 Survey of DB System (Prereq: COP4703)
- COP 4813 Web Appl Pgm (Prereq: COP4005 & CGS4854)
- COP 4814 Component Based Sftw Dev (Prereq: COP4703 & CGS4854)
- CTS 4348 Unix System Admin (Prereq: CGS3767)
- CTS 4408 Database Admin (Prereq: COP4703)
- CTS 4743 Enterprise IT Troubleshooting (Prereq: COP-4703 and (CNT4403 or EEL4806))

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. Pending advisor approval.

* MAD1100 & COT3100: math prerequisite is MAC1105

A line indicates a prerequisite. The course above must be completed before the course below can be taken.

A diamond indicates a co-requisite. The course closer to the diamond may be taken at the same time as the co-requisite. The co-requisite is a prerequisite for any course that requires the course closer to the diamond.