Bachelor of Science in Information Technology
(effective Fall 2010)

CGS1920 Intro to Computing (1)
CGS2518 Data Analysis
CGS2060 Intro to Microcomputers
CGS2100 Microcomputers for Business
COP2250 Programming in Java
MAC1140 Pre-Calculus Algebra
Pre: MAC1105

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CGS3767 Computer Operating Systems
PSY2012 Intro to Psychology

MAD1100* Math Concepts for IT
OR
COT3100* Discrete Structures

CEN3721 Human Computer Interaction

COP3804 Intermediate Java

CGS4285 Applied Cmptr Networking

ENC3213* Professional & Tech Writing for Comp (GRW)

CNT4403 Computing & Ntwk Security

CGS3095 Tech in the Global Arena (GL)

CGS4854 Web Site Constrct Mgmt

COP4703 Information Storage & Retrieval

CGS4095 Tech in the Global Arena

All courses are 3 credits except as noted.

IT Electives: Choose 5 electives (3 credits each)
Fifteen credits of electives are required. From the four areas of concentration choose two and take two courses per area of concentration. The 5th elective can be taken in any area of concentration.

Database Administration
- COP 4722 Survey of DB System (Prereq: COP4703)
- CTS 4408 DB Admin (Prereq: COP4703)

Application Development
- COP 4005 Windows Prmg for IT (Prereq: COP3804 & CEN3721, Co-req: COP4703)
- COP 4655 Mobile Appl Prgm (Prereq: COP4814 & CEN3721)
- COP 4813 Web Appl Prgm (Prereq: COP4005 & CGS4854)

Network Administration
- CNT 4513 Data Communication (Prereq: COP3804 & CGS4285)
- CNT 4504 Advanced Ntwk Mgmt (Prereq: CNT4513)

System Administration
- CIS 4431 IT Automation (Co-req: CGS4285)
- CNT 4603 System Admin & Maintenance (Prereq: CGS3767)
- CTS 4348 Unix System Admin (Prereq: CGS3767)

Interdisciplinary Credits
Nine additional credits must be taken outside SCIS. The nine credits must be applicable to a minor or certificate in another discipline. Pending advisor approval.

* ENC3213 prerequisite: complete the UCC English requirements
* MAD1100 & COT3100 math prerequisite is MAC1105

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