Bachelor of Science in Information Technology
Information Technology Major (effective 8/2010)

**Prerequisites and Core**

- CGS 1920 Introduction To Computing (1 credit)
- CGS 2518 Data Analysis
- PSY 2012 Introduction to Psychology
- COP 2250 Programming in Java
- MAD 1100 Math Concepts for IT Pre: MAC1105
- MAC 1140 Pre-Calculus Algebra Pre: MAC1105

**CGS 3095 Technology in the Global Arena (GL)**
Pre: COP 2250, & ENC 3249 or ENC 3213

**Electives**

- CTS 4408 DB Admin. Pre: COP 4703
- COP 4005 Windows Prgm. for IT Pre: COP 3804 & CEN3721 Co: COP 4703
- COP 4613 Mobile Appl. Prgm. Pre: COP 4814 & CEN3721
- COP 4713 Web Appl. Prgm. Pre: COP 4005 & CGS 4854
- CNT 4603 System Admin and Maintenance Pre: CGS 3767
- CTS 4348 Unix System Admin. Pre: CGS 3767
- CIS 4431 IT Automation Co: CGS 4285
- CEN 3721 Human Computer Interaction Pre: COP 2250
- COP 3804 Intermediate Java Pre: COP 2250
- CGS 3767 Computer Operating Systems Pre: COP 2250
- ENC 3213 or ENC 3249* Professional & Tech Writing
- CGS 4854 Web Site Construct. and Mgmt. Pre: COP 3804 & CGS 3767
- CGS 4285 Applied Computer Networking Pre: CGS 3767
- CNT 4403 Computing and Network Security Pre: COP 3804 & CGS 4285
- COP 4703 Information Storage and Retrieval Pre: COP 3804
- COP 4814 Component-Based Software Dev. Pre: COP 4703 & CGS 4854

Fifteen credits of electives are required. From the four areas of concentration choose two and take two courses per area of concentration; the remaining course can be taken in any area of concentration.

**Interdisciplinary Credits**

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

- 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.

Minimum passing grade for all courses required for the major is ‘C’ including courses taken to satisfy the Interdisciplinary requirement.

* ENC3249 or ENC3213 prerequisites: complete the UCC English requirements

Updated 09/2016