

Bachelor of Science in Information Technology Information Technology Major

For students who declared the BS in IT before Fall 2010.

Prerequisites and Core

CGS 1920 Introduction To Computing (1 credit)	CGS 2518 Data Analysis	PSY 2012 Introductory Psychology	COP 2250 Programming in Java	MAD 1100 Math Concepts for IT	MAC 2147 Pre-Calculus
CDA 3003 Computer Organization Pre: COP 2250	COP 3804 Intermediate Java Pre: COP 2250	CGS 3767 Computer Operating Systems Pre: COP 2250	ENC 3213* Technical Writing		
COP 4703 Information Storage and Retrieval Pre: COP 3804	CGS 4854 Web Site Construct. and Mgmt. Pre: COP 3804, CGS 3767	CGS 4285 Applied Computer Networking Pre: CGS 3767	CGS 3092 Ethics/Soc.in Computing (1 cr) Pre: COP 2250, ENC 3213		

Electives

CTS 4408 DB Admin. Pre: COP 4703	COP 4005 Windows Prgm'g for IT Pre: COP 3804 Co: COP 4703	COP 4814 Component- Based Soft. Pre: COP 4703, CGS 4854	COP 3353 Intro.to Linux/ Unix Systems Pre: COP 2250	CIS 4431 IT Automation Pre: CGS 4285	CNT 4513 Data Comm. Pre: COP 3804, CGS 4285
COP 4722 Survey of DB System Pre: COP 4703 Database Administration	COP 4813 Web Appl. Prgm. Pre: COP 4005, CGS 4854 Application Development	COP 4655 Mobile Appl. Prgm. Pre: CEN 4023	CTS 4348 Unix System Admin. Pre: COP 3353 System Administration		CNT 4504 Advanced Network Mgmt. Pre: CNT 4513 Network Administration

There are four elective areas: database administration, network administration, system administration, application development. Fifteen credits of electives are required: six credits each must be taken in two areas; the remaining three credits can be taken in any area.

Minor in Another Discipline

Students must earn a minor in another discipline, outside of SCIS. Speak to an adviser in the minor area to declare the minor and learn which courses are required.

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.
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* ENC 3213 prerequisites: complete the UCC English requirements Updated 11/2014