



**Bachelor of Science
Data Security
July 2007**

Required Core Courses (50 hours):

MA165	Basic Calculus	5 hours
CS220	Introduction to Computer Science	3 hours
MA240	Discrete Mathematics	3 hours
CS260	Programming and Problem Solving	3 hours
CS340	Data Structures and Algorithms I	3 hours
CS345	Data Structures and Algorithms II	3 hours
CS355	UNIX	3 hours
SO353	Criminology	3 hours
SO354	Information, Technology and Society	3 hours
CS557	Operating Systems	3 hours
CS561	Systems Programming	3 hours
CS563	Computer Attack Essentials	3 hours
CS564	Network Defense and Countermeasures	3 hours
BU353	Legal Environment of Business	3 hours
CS565	Computer Forensics	3 hours
CS569	Data Security Practicum	3 hours

Elective Courses:

In addition to the required courses above, students are encouraged to consult with their advisor about selecting additional 20 hours of elective courses from computer science, computer information systems, sociology, criminology, and law in order to complete the 70 hour major.

Courses may include but are not limited to:

CS 315	Java Programming
CS 320	Computer Networks & Internets
CS 325	HTML Programming
CS 523	Artificial Intelligence
SO 125	Introduction to Criminal Justice
SO 303	Social Deviance
SO 310	Introduction to Law Enforcement
SO 315	Introduction to Criminal Investigation
SO 335	Criminal Court Process
SO 340	Community Corrections
SO 370	Race and Ethnic Relations
SO 403	Sociology of Corrections
SO 410	Domestic Violence
SO 353	Criminology
SO 418	Juvenile Delinquency
IS 213	Management Information Systems
IS 333	Business Computer Systems Analysis