

Name: _____
 SSN: _____

Advisor: _____
 Date: _____

Model Schedule: 5608 Computer Security (B.S.)

	Course	Notes and Prerequisites	Credits	
Freshman First Semester	COMP 1102	Principles of Programming I	ACT 21 or MATH 1112 (co-req)	3
	ENGL 1104	Written English I	ACT 18 or ENGL 0097	3
	MATH 1170	Introduction to Analysis	ACT 23 or MATH 1112	4
	INFO 1100	Comp. Concepts & Appls.		3
	L.S. Sci.			4
				17
Freshman Second Semester	COMP 1108	Principles of Programming II	COMP 1102	3
	MATH 1190	Calculus I	ACT 25 or MATH 1170 or MATH 1115	4
	ENGL 1108	Written English II	"C" in ENGL 1104	3
	MATH 2200	Mathematical Logic	MATH 1170 or MATH 1190 or MATH 1115	3
	L.S. Sci.		See Liberal Studies Requirements	4
				17
Sophomore First Semester	COMP 2200	Principles of Programming III	COMP 1108	3
	INFO 2250	Networking Fundamentals	INFO 1100	3
	SPCH 1100	Intro. to Speech Comm.		3
	MATH 2216	Discrete Mathematics	* MATH 1170 or MATH 1190 or MATH 1115	4
	L.S. Hum.		See Liberal Studies Requirements	3
				16
Sophomore Second Semester	COMP 2201	Machine Organization	** COMP 1108	3
	COMP 2270	Data Structures OOP I	** COMP 2200 & MATH 2216	3
	L.S. Hum.		See Liberal Studies Requirements	3
	Minor/elective			3
	Minor/elective			3
				15
Junior First Semester	COMP 3340	Operating Systems Fund. of Computer	* COMP 2270 & COMP 2201	3
	COMP 2220	Security	Any Computer Course	3
	COMP 4410	Database Management	* COMP 2270	3
	Minor/elective			3
	L.S. Civ.		See Liberal Studies Requirements	3
				15
Junior Second Semester	COMP 3390	Network Security	** COMP 3320 & MATH 2216 & INFO 2250	4
	COMP 3395	Legal & Ethical Issues	** COMP 3320	3
	L.S. Civ.		See Liberal Studies Requirements	3
	L.S. Art	Art, Music or Theatre App.	See Liberal Studies Requirements	2
	Minor/elective			3
				15
Senior First Semester	COMP 3380	Cryptography	* COMP 3320 & MATH 2216	4
	COMP 4415	Vulnerability Assessment	* COMP 3390	4
	COMP 4421	Special Project 1	Consent	3
	Minor/elective			3
	Minor/elective			2
				16
Senior Second Semester	COMP 4420	Selected Adv. Topics 1	** COMP 2240	3
	COMP 4495	Computer Security Intern	COMP 3390 & COMP 3395	3
	L.S. Civ.		See Liberal Studies Requirements	3
	L.S. Art		See Liberal Studies Requirements	3
	Minor/elective			5
				17

rev. 10/17/06

See catalog for updates.

Total Credits

128

LEGEND

^	See catalog or program requirements for further details
*	Offered fall semester only
**	Offered spring semester only
c	Classes to be taken concurrently
#	Must have senior standing to enroll
##	Must have junior or senior standing to enroll
m	Major restriction See catalog for additional prerequisites
+	prerequisites
a	Advisor approval needed
PPST	PPST must be successfully completed to enroll
/	or
~	First semester second field option is foreign language
>	Even-numbered fall semesters only Odd-numbered spring semesters only
<	only
L.S. Art.	Liberal Studies--Artistic/Creative/Interdisciplinary Elective
L.S. Civ.	Liberal Studies--Culture/Civilization Exploration Elective
L.S. Hum.	Liberal Studies--Society/Human Interaction elective
L.S. Science	Liberal Studies--Scientific Discovery elective
L.S. Math	Liberal Studies--College-level Math elective
L.S. FYE	First-Year Experience course

Computer Security

Bachelor of Science Degree Requirements
 Program Effective Fall 2003 – Catalog Year 2005-2006



Name: _____

Minor: _____ (OPTIONAL)

REQUIRED MAJOR COURSES (62 hours)					
COMPUTER SCIENCE COURSES (45 hours)					
COMP 1102 Principles of Programming I	3		COMP 2220 Fundamentals of Computer Security	3	
COMP 1108 Principles of Programming II	3		COMP 3380 Cryptography in Computer Security	4	
COMP 2200 Principles of Programming III	3		COMP 3390 Network Security Technology	4	
COMP 2201 Machine Organization	3		COMP 3395 Legal and Ethical Issues in Computer Security	3	
COMP 2230 Java and Internet Applications	3				
COMP 3340 Operating Systems	3		COMP 4410 Database Management	3	
COMP 2270 Data Structures, Algorithms and OOP I	3		COMP 4415 Vulnerability Assessment	4	
			COMP 4495 Computer Security Internship	3	
MATH COURSES (14 hours)					
MATH 1170 Introduction to Analysis	4		MATH 2200 Mathematical Logic	3	
MATH 1190 Calculus I	4		MATH 2216 Discrete Mathematics	3	
INFORMATION SYSTEMS COURSES (3 hours)					
INFO 2250 Networking Fundamentals	3				
FREE ELECTIVES TO MEET GRADUATION REQUIREMENTS (OR MINOR) (25 hours)					
COMPUTER SCIENCE MAJOR: ADDITIONAL LIBERAL STUDIES REQUIREMENTS (41 hrs)					
(Please refer to liberal studies requirement sheet for specified classes under each category)					
		Hours	Completed		Hours
	The First Year Experience (Math met by major requirements)	12		Society /Human Interactions	6
	Scientific Discovery	8		Artistic/Creative Expression & Interdisciplinary/Advanced Studies Option	6
	Cultural/Civilization Exploration	9			