

BSCS - Bachelor of Science in Cyber Security (2+2)

Program Structure

6 hours	Pre-requisite courses
43 hours	General Studies courses
9 hours	Major courses
3 hours	Elective courses
61 hours	Total credits

<u>Pre-requisite Courses</u>				<u>6 hours</u>	Prerequisite
Course Transfer Matrix					
1	MTH 1112	ALGE 1112	Pre-Calculus Algebra	3	
2	MTH 1114	TRIG 1114	Pre-Calculus Trigonometry	3	MTH 1112
<u>General Courses</u>				<u>43 hours</u>	
AREA I: Composition				6 hours	
3	ENG 1101		Composition & Modern English I	3	IELTS 5.5 or TOEFL iBT 61
4	ENG 1102		Composition & Modern English II	3	ENG 1101
AREA II: Hum/Fine/Art				6 hours	
5	COM 2241	SPEE 2341	Fundamentals of Speech	3	
6	MUS 1131	MUAP 1231	Music Appreciation	3	
AREA III: Math, Science				12 hours	
7	MTH 1125	MATH 1121	Calculus I	4	MTH 1114
8	PHY 2252	PHYS 2252	General Physic I	3	MTH 1114
9	PHY L252	PHYL 2252	General Physic I Lab	1	MTH 1114
10	PHY 2253	PHYS 2253	General Physic II	3	PHY 2252 & PHY L252
11	PHY L253	PHYL 2253	General Physic II Lab	1	PHY 2252 & PHY L252
AREA IV: History/Sociology Science				12 hours	
12	HIS 1122	HISO 1122	World History to 1500	3	
13	ECO 2251	ECMA 2351	Principles of Macroeconomics	3	
14	ECO 2252	ECMI 2252	Principles of Microeconomics	3	
15	LDR 1100	LDS 1100	Introduction to Leadership	3	
AREA V: Major Required General Study				7 hours	
16	CS 2250	ITCS 2250	Computer Science I	3	MTH 1112
17	STAT 2210	MATH 2210	Introductory Statistics	3	MTH 1112
18	TROY 1101	ITAU 01	The University Experience	1	
<u>Cyber Security Major</u>				<u>9 hours</u>	
19	CS 2255	ITCS 2355	Computer Science II	3	CS 2250
20	CS 3360	ITOO 3760	Concepts of Object Oriented Programming I	3	CS 2250
21	MTH 2215	MATH 2211	Discrete Mathematics	3	MTH 1112
<u>Electives (take 17 semester hours of elective credits)</u>				<u>3 hours</u>	
22	CS 3310	ITCS 3410	Foundations of Computer Science	3	MTH 1112