

**CYS (Cyber Security - Computer Science Track)
ADVISEMENT PROFILE (Fall 2020)**

Name: _____

Student ID: _____

Expected Graduation Date: _____ Total Credit Hours (excluding prerequisite courses) **120**

Course	Credit	Semester	Grade
Prerequisite Courses			
MAT 100 – Elementary Algebra	3	_____	_____
MAT 105 – Intermediate Algebra	3	_____	_____
ENG 100 – Fundamental Writing	3	_____	_____
CSC 100 – Problem Solving	3	_____	_____
MAT 117 – Pre-Calculus I	3	_____	_____
Freshman FALL			
MAT 130 –Calculus (*)	3	_____	_____
CSC 151 – Computer Programming I (**)	4	_____	_____
ENG 101 – Written Communication I	3	_____	_____
HIS 106 – World Civil II	3	_____	_____
HEA 200 – Health Education (or 2 PE)	2	_____	_____
UNI 101 – The Individual and Life	1	_____	_____
	16		
Freshman SPRING			
CSC 152 – Computer Programming II	3	_____	_____
ENG 102 – Written Communication II	3	_____	_____
CSC 120 – Computer Literacy	3	_____	_____
COM 103 – Oral Communication	3	_____	_____
BIO 103 – General Biology	4	_____	_____
	16		
Sophomore FALL			
CSC 204 – Architecture I	3	_____	_____
CSC 251 – Data Structure I	3	_____	_____
CSC 215 – Discrete Structure	3	_____	_____
SOC 205 – Sociology	3	_____	_____
HUM 201 – Humanity I	3	_____	_____
	15		
Sophomore SPRING			
CSC 205 – Architecture II	3	_____	_____
CSC 252 – Data Structure II	3	_____	_____
SOC 215 - Intro to Criminology	3	_____	_____
PSY 203 – Intro to Psychology	3	_____	_____
SCI 104 – Intro to Physical Science	4	_____	_____
	16		

(*) **MAT 130** Any student not qualifying for MAT 130 (Calculus) must start at the appropriate level of mathematics.

(**) **CSC 151** You need to be in at least MAT 117 or higher to take CSC 151.

Course	Credit	Semester	Grade
Junior FALL			
MAT 205 – Intro to Stats	3	_____	_____
CSC 301 – Operating System	3	_____	_____
CYS 382 – Info Assurance /Cyber Security	3	_____	_____
CRJ 409 – Criminalistics of Cybercrime	3	_____	_____
ENG 218 – Technical Written Comm.	3	_____	_____
	15		
Junior SPRING			
CSC 308 – Programming Languages	3	_____	_____
CSC 570 – Database	3	_____	_____
CYS 323 – Ethics, Law & Policy in Cyber	3	_____	_____
CYS 485 – Risk Management	3	_____	_____
CRJ 305 – Criminal Justice System	3	_____	_____
	15		
Senior FALL			
CSC 404 – Software Design I	3	_____	_____
CSC 425 – Senior Seminar	3	_____	_____
CSC 571 – Communication Network	3	_____	_____
CYS 475 – Comp Viruses & Malicious SW	3	_____	_____
CRJ 411 – Homeland Security	3	_____	_____
	15		
Senior SPRING			
CSC 405 – Software Design II	3	_____	_____
CYS 470 – Computer Forensics	3	_____	_____
CRJ 416 – Terrorism & National Security	3	_____	_____
CYS/ CSC Advance Elective _____	3	_____	_____
	12		

CSC Advance Electives – approved courses from CSC 300-500, except CSC 300, 323, 325, 391, 410, 411, 421, 425, 491, and any advanced programming language courses.

CYS Advance Electives – CYS 410, 483, 484, 486, 590, 591, 592, or 595 (Special Topics) or approval of Departmental Chair.