

CURRICULUM GUIDE WORKSHEET

Cybersecurity

Bachelor of Science - 61 hrs

Nan	ne:	Catalogue Year:		
Fre	shman (Fall)			
X	Course Prefix	Course Name	Credits	Notes
	CHR 111	Old Testament Survey	3	
	CSC 115	Introduction to Computer Science	3	
	CSC 117	Human Security and Awareness	3	
	ENG 111	Written Composition I	3	
	General Core ¹	Social Science Core	3	
			15	
	Review Registration	on Student Planning/Self-Service		
Fre	shman (Spring)			
X	Course Prefix	Course Name	Credits	Notes
	CHR 112	New Testament Survey	3	
	COM 112 or 235	Public or Interpersonal Communications	3	
	CSC 125	Programming in Python	3	
	ENG 112	Written Composition II	3	
	General Core ²	Biology Core	4	
			16	
Sor	homore (Fall)			
X	Course Prefix	Course Name	Credits	Notes
	CSC 235	Cyber Ethics	3	
	CSC 317	Identity & Access Management	3	
	ENG 201 or 202	World Literature I or II	3	
	General Core ³	Physical Sciences/Chemistry Core	4	
	MAT 114	Intro to Statistics	3	
			16	
Son	homore (Spring)			
X	Course Prefix	Course Name	Credits	Notes
	CSC 247	Data Analytics (or BAD-224 Business Analytics)	3	
	CSC 275	Data Structures and Algorithms	3	
	CSC 321	Database Management Systems	3	
	MAT 205 ⁴	Discrete Mathematics	3	
	TBD	Elective	3	
			15	-

¹ Select one: PSY 213 SOC 211, PSC 211, PHL 240, ECO 211

² Select one: BIO 100, BIO 110, BIO 112

³ Select one: PHY 111, PHY 213, CHE 105, CHE 111

⁴ Offered alternating years

Course Prefix Course Name Credits Course Name Credits CSC 337 Operational Security 3 3 3 3 3 3 3 3 3	Jun	ior (Fall)			
CSC 337 Data Visualizations 3	X	Course Prefix	Course Name	Credits	Notes
CSC 365 Data Communications and Networking 3 SPX/SOC PSY or SOC Elective 16 SPX/SOC PSY or SOC Elective 17 SPX/SOC PSY or SOC Elective 17 SPX/SOC PSY or SOC Elective 17 SPX/SOC PSY or SOC Elective 18		CSC 327	·	3	
PSY/SOC		CSC 337	Data Visualizations	3	
HIS 101 World Civ to 18 th Century 3 1 1 1 1 1 1 1 1 1		CSC 365	Data Communications and Networking	3	
PEWS 100 Fitness for Health		PSY/SOC	PSY or SOC Elective	3	
Apply for Junior Audit after completing 72 credit hours Junior (Spring)		HIS 101	World Civ to 18 th Century	3	
Apply for Junior Audit after completing 72 credit hours Junior (Spring) X Course Prefix Course Name Credits CSC 357 Security & Risk Management 3 CSC 357 Security & Risk Management 1 CSC 488 Seminar 1 HIS 102 World Civ from 18 th Century 3 PSY/SOC PSY or SOC Elective 3 CSC XXX CSC Elective 3 CSC XXX CSC Elective 3 CSC 485 Internship (Optional/Recommend) 1-3 Senior (Fall)		PEWS 100	Fitness for Health	1	
Notes Note				16	
X Course Prefix CSC 3577 Course Name Credits CSC 3577 Notes □ CSC 377 Secure Architecture & Cloud Computing 3 □ □ CSC 488 Seminar I 1 □ □ HIS 102 World Cir from 18th Century 3 □ □ PSY/SOC PSY or SOC Elective 3 □ □ CSC XXX CSC Elective 3 □ ■ CSC XXX CSC Elective 3 □ ■ CSC 485 Internship (Optional/Recommend) 1-3 Notes Senior (Fall) X Course Prefix Course Name CSC 485 Internship (Optional/Recommend) ART 210 Art sin Western Civilization ART 210 Art sin Western Civilization CSC 417 Communications & Network Security 3 CSC 437 Data Security & Privacy CSC 437 Data Security & Privacy 3 CSC 498 Senior Seminar II CSC 437 Data Security & Privacy 3 CSC 498 Senior Seminar II Apply for Graduation Apply for Graduation Senior (Spring) X Course Prefix Course Name Credits Notes TBD Apply for Graduation Credits Notes Credits Notes Credits Notes Table Apply for Graduation Credits Notes Table Apply for Graduation Credits Notes Credits Notes Table Apply for Graduation Credits Notes Table Apply for Graduation Credits Notes Table Apply for Graduation Table Table Apply for Graduation Table Table Apply for Graduation Table Tab		Apply for Junior Aud	dit after completing 72 credit hours		
CSC 357 Security & Risk Management 3	Jun	ior (Spring)			
CSC 377 Secure Architecture & Cloud Computing 3	X	Course Prefix	Course Name	Credits	Notes
CSC 488		CSC 357	Security & Risk Management	3	
HIS 102 World Civ from 18th Century 3		CSC 377	Secure Architecture & Cloud Computing	3	
PSY/SOC		CSC 488	Seminar I	1	
CSC XXX		HIS 102	World Civ from 18 th Century	3	
Senior (Summer) Optional Senior (Fall)		PSY/SOC	PSY or SOC Elective	3	
Junior (Summer) Optional		CSC XXX	CSC Elective	3	
X Course Prefix Course Name Credits Notes □ CSC 485 Internship (Optional/Recommend) 1-3 Senior (Fall) X Course Prefix Course Name Credits Notes				16	
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Senior (Fall) X Course Prefix Course Name Credits Notes ART 210 Arts in Western Civilization 3 CSC 417 Communications & Network Security 3 CSC 437 Data Security & Privacy 3 CSC 498 Senior Seminar II 2 TBD Elective 3 Apply for Graduation Senior (Spring) X Course Prefix Course Name Credits Notes CSC 447 Security Assessment & Audit 3 CSC 457 Secure Software Engineering 3 TBD Elective 3 TBD Elective 3	lun	ior (Summor) Ontio	nal		_
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Apply for Graduation Senior (Spring) X Course Prefix Course Name Credits CSC 447 Security Assessment & Audit CSC 457 Secure Software Engineering TBD Elective 3 14 Notes	Sen X	Course Prefix CSC 485 nior (Fall) Course Prefix ART 210 CSC 417	Course Name Internship (Optional/Recommend) Course Name Arts in Western Civilization Communications & Network Security	Credits 3 3	
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CSC 447 Security Assessment & Audit 3 CSC 457 Secure Software Engineering 3 TBD Elective 3	Sen X	Course Prefix CSC 485 nior (Fall) Course Prefix ART 210 CSC 417 CSC 437 CSC 498 TBD	Course Name Internship (Optional/Recommend) Course Name Arts in Western Civilization Communications & Network Security Data Security & Privacy Senior Seminar II Elective	1-3 Credits 3 3 2 3	
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	Sen X	Course Prefix CSC 485 nior (Fall) Course Prefix ART 210 CSC 417 CSC 437 CSC 498 TBD Apply for Graduatio nior (Spring) Course Prefix CSC 447 CSC 447 CSC 457	Course Name Internship (Optional/Recommend) Course Name Arts in Western Civilization Communications & Network Security Data Security & Privacy Senior Seminar II Elective Course Name Security Assessment & Audit Secure Software Engineering	1-3 Credits 3 3 2 3 14 Credits 3 3	Notes

^{*}A minimum of 36 upper-level (300 and 400 level) hours is required. The degree must meet a minimum of 120 hours. Selection of core options may alter total numbers indicated.

12