

Program Degree Type and Name: **BS/MS Dual in Cybersecurity**

Catalog Year: **2018-2019**

Program Level: **Undergrad/Graduate**

Academic Term Type: **Semester**

* Denote core course with an asterisk and (cc) next to the course number					
Year and Term: Year 1 Fall term		Credits Per Classification			
Course Number & Title	CR	GE	Maj	OE	
ENGL111: Written Engl and Lit Studies I	3	x			
CINQ 101 Critical Inquiry	3	x			
MATH116: College Algebra	3	x			
CISC120: Intro Computers & App Software	3	x			
Gen Edu or ENGL 110	3	x			
Term Credit Total:	15	15			
Year and Term: Year 2 Fall term		Credits Per Classification			
Course Number & Title	CR	GE	Maj	OE	
MATH244: Discrete Structures	3		x		
CISC231: Foundations of Computing II	3		x		
IASP230: Intro to Cybersecurity	3		x		
Gen Ed	3	x			
Gen Ed	3	x			
Term Credit Total:	15	6	9		
Year and Term: Year 3 Fall term		Credits Per Classification			
Course Number & Title	CR	GE	Maj	OE	
JRSM301 : Junior Seminar	3	x			
CISC337: Database Management System	3		x		
IASP355: Pen. Testing & Ethical Hacking	3		x		
Gen Ed	3	x			
Gen Ed	3	x			
Term credit total:	15	9	6		
Year and Term: Year 4 Fall term		Credits Per Classification			
Course Number & Title	CR	GE	Maj	OE	
IASP420: Network Security	3		x		
IASP455: Sec. & Intel. Programming	3		x		
Gen Ed	3	x			
MS Application Elective	3			x	
MS Network Elective	3			x	
Term Credit Total:	15	3	6	6	
Year and Term: Year 5 Fall Term		Credits Per Classification			
Course Number & Title	CR	GE	Maj	OE	
*IASP 500 cc Topics in Info. Security	3		x		
*IASP 505 Found. of Cybersec. Sci.	3		x		
Elective Legal/Mgmt Category	3		x		
Term Credit Total:	9		9		
Year and Term: Year 1 Spring term		Credits Per Classification			
Course Number & Title	CR	GE	Maj	OE	
ENGL112: Written Engl and Lit Studies II	3	x			
MATH201: Precalculus	3	x			
CISC131: Foundations of Computing I	3		x		
SPCM 110 Oral Communication	3	x			
Gen Ed	3	x			
Term Credit Total:	15	12	3		
Year and Term: Year 2 Spring term		Credits Per Classification			
Course Number & Title	CR	GE	Maj	OE	
MATH122: Statistics	3		x		
IASP221: Linux Administration	3		x		
IASP330: Dis. Recovery & Bus. Continuity	3		x		
Gen Ed	3	x			
Gen Ed	3	x			
Term Credit Total:	15	6	9		
Year and Term: Year 3 Spring term		Credits Per Classification			
Course Number & Title	CR	GE	Maj	OE	
CISC385: Cryptography	3		x		
CISC335: Computer Network	3		x		
IASP340 Security Policy and Procedures	3		x		
Gen Ed	3	x			
Term Credit Total:	12	3	9		
Year and Term: Year 4 Spring term		Credits Per Classification			
Course Number & Title	CR	GE	Maj	OE	
* IASP470 (cc): Capstone (System Sec.)	3		x		
IASP430: Digital Forensics	3		x		
Gen Ed	3	x			
MS Application Elective	3			x	
MS Legal/Mgmt Elective	3			x	
Term Credit Total:	15	3	6	6	
Year and Term: Year 5 Spring Term		Credits Per Classification			
Course Number & Title	CR	GE	Maj	OE	
IASP 585 Appl. Cryptography	3		x		
Elective Application Category	3		x		
Elective Network Category	3		x		
Term Credit Total:	9		9		
Program Totals	Credits: 138		General Education: 60	Major & Major Elective: 66	Open Elective: 12

Legend: CR: Credits GE: General Education Maj: Major / Major Elective OE: Open Elective SM: Success Marker Co/Prerequisite(s): List of co/ prerequisites for noted course