

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

Catalog Year: **2017-2018**

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		
<b>Term Credit Total:</b>	15	15		

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		
<b>Term Credit Total:</b>	15	12	3	

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		
<b>Term Credit Total:</b>	15	6	9	

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		
<b>Term Credit Total:</b>	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		
<b>Term credit total:</b>	15	9	6	

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		
<b>Term Credit Total:</b>	12	3	9	

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
<b>Term Credit Total:</b>	15	3	6	6

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
<b>Term Credit Total:</b>	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	
<b>Term Credit Total:</b>	9		9	

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	
<b>Term Credit Total:</b>	9		9	

<b>Program Totals</b>	Credits: 138	General Education: 60	Major & Major Elective: 66	Open Elective: 1:
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**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