

Program Degree Type and Name: **BS/MS Dual in Cybersecurity** Catalog Year: **2016-2017**

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			
SPCM110: Oral Communication	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>	<b>15</b>	<b>15</b>			

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>	<b>15</b>	<b>6</b>	<b>9</b>		

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>	<b>15</b>	<b>9</b>	<b>6</b>		

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>	<b>15</b>	<b>3</b>	<b>6</b>	<b>6</b>	

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>	<b>9</b>		<b>9</b>		

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		
CINQ101: Critical Inquiry	3	x			
Gen Ed	3	x			
<b>Term Credit Total:</b>	<b>15</b>	<b>12</b>	<b>3</b>		

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>	<b>15</b>	<b>6</b>	<b>9</b>		

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			
MS Open Elective	3			x	
<b>Term Credit Total:</b>	<b>15</b>	<b>3</b>	<b>9</b>	<b>3</b>	

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>	<b>15</b>	<b>3</b>	<b>6</b>	<b>6</b>	

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>	<b>9</b>		<b>9</b>		

**Program Totals** Credits: 138 General Education: 60 Major & Major Elective: 66 Open Elective: 15

**Legend:** CR: Credits GE: General Education Maj: Major / Major Elective OE: Open Elective