Bachelor of Applied Science (BAS) in Cyber Security

2013-2014 Degree Requirements

Major Courses

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
CS	102	Programming Fundamentals ***or***	5		
CS&	131	Computer Science 1 C++ ***or***	5		
CS&	141	Computer Science 1 Java w/ Android Devices	5		
CS	106	Database Systems	5		
CS	117	Computer Ethics	2		
CS	140	SharePoint	5		
CS	150	Computer Security	5		
CS	162	C++2 ***or***	5		
CS	202	Programming Fundamentals 2 ***or***	5		
CS	236	Java I/O with Android Devices & Integration	5		
CS	206	Database Design	5		
CS	221	SQL Server Administration	5		
CS	223	Unix/Linux	5		
CS	228	Windows Server	5		
CS	229	Webmaster	5		
CS	231	Network Infrastructure	5		
CS	232	Network Security	5		
CSIA	200	Computer Forensics Fundamentals	5		
CSIA	250	Networking Fundamentals	5		
CSIA	300	Cyber Security and Information Assurance	5		
CSIA	310	E-Commerce Security	5		
CSIA	320	Ethical Hacking	5		
CSIA	330	Wireless Security	5		
CSIA	410	Cryptology	5		
CSIA	420	Cyber Crime and Terrorism	5		
CSIA	430	UNIX Administration and Security	5		
CSIA	440	Cyber Testing and Penetration	5		
CSIA	450	Cyber Security Capstone	5		
		Subtotal	**117**		

Major Courses

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
PROJ	100	Introduction to Project Management	5		
		Subtotal	**5**		

General Education

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
Communication (select 10 credits)					
ENGL&	101	English Composition	5		
ENGL&	102	Composition II ***or***	5		
ENGL	410	Professional & Organizational Communication	5		
Quantitatve Symbolic Reasoning (select 5 credits)					
MATH&	141+	Precalculus I ***or*** higher (except MATH& 171) (see program advisor for best selection)	5		
Social Science (select 10 credits)					
PSYC&	100	General Psychology ***or***	5		
Social Science from distribution list (see program advisor for best selection) ***or***			5		
SOC	305	Sociology of Deviance ***or***	5		
POLS	305	Future of Warfare	5		
Humanities (select 10 credits)					
PHIL	305	Professional Ethics	5		
Humanities from distribution list (see program advisor for best selection)			5		
Math/Science (select 10 credits)					
Lab science from distribution list (see program advisor for best selection)			5		
Math from distribution list (see program advisor for best selection)			5		
Additional Electives (select 15 credits) Communication, Social Science, Humanities, or Math/Science from distribution list (see program advisor for best selection)					
			5		
			5		
			5		
		Subtotal	**60**		
		Total Credits Required	**182**		