CyberSecurity Administration (B.S.)

Note: Sequence of courses may be altered with advisor's approval. *(For students entering Fall 2017 to present.)*
128 Credits

Course#	Description	Credit	Course#	Description	Credit
	FALL			**SPRING**	

FRESHMAN - 32 credits

Course#	Description	Credit	Course#	Description	Credit
_____CPSC 121	Intro to Programming	3	_____CSA 130	Foundation of Cyber Security	3
_____CPSC 121L	Intro to Programming Lab	1	_____MATH 130	Discrete Mathematics	3
_____CPSC 140	Fund. Of Information Tech	3	_____FNAR	Fine Arts Elective	3
_____CORE 113	First Year Seminar	3	_____ENGL 103	Writing for a Discipline	3
_____HIST	History Elective 100-200	3	_____SocSci Elective	ECON/PLSC/PSYC/SOC	3
_____RLST 105	Franciscan Goals for Today	3	_____FREE	Free Elective	1
_____CORE 103	Community Enrichment Ser	0	_____CORE 104	Community Enrichment Ser	0
Total No. of Credits		**16**	**Total No. of Credits**		**16**

SOPHOMORE – 32 credits

Course#	Description	Credit	Course#	Description	Credit
_____CSA 201	Digital Forensics I	4	_____CSA 202	Digital Forensics II	4
_____CPSC 322	Introduction System Adm	3	_____MGMT 101	Principles of Management	3
_____ENGL 104	Introduction to Literature	3	_____CSA 332	Cyber Security Architecture	3
_____PHIL 205	Introduction to Philosophy	3	_____CPSC 433	Intro to Computer Security	4
_____SocSci Elective	ECON/PLSC/PHYS/SOC	3	_____GETM	Thematic Minor Elective	3
_____CORE 211	Personal Wellness	0	_____CORE 212	Community and Global Well	0
Total No. of Credits		**16**	**Total No. of Credits**		**16**

JUNIOR – 32 credits

Course#	Description	Credit	Course#	Description	Credit
_____EXAM 301	Writing Competency Exam	0	_____CSA 334	Cyber Security Policy & Assess	3
_____CSA	CSA Elective	3	_____CSA	CSA Elective	3
_____CSA	CSA Elective	3	_____LANG	Foreign Language Elective	3
_____GETM	Thematic Minor Elective	3	_____GETM	Thematic Minor Elective	3
_____Free	Free Elective	3	_____Free	Free Elective	3
_____Free	Free Elective	3	_____Free	Free Elective	1
_____Free	Free Elective	1			
Total No. of Credits		**16**	**Total No. of Credits**		**16**

SENIOR – 32 credits

Course#	Description	Credit	Course#	Description	Credit
_____CSA	CSA Elective	3	_____CSA	CSA Elective	3
_____CSA	CSA Elective	3	_____Free	Free Elective	3
_____CORE 407	Keystone Seminar	3	_____Free	Free Elective	3
_____Free	Free Elective	3	_____Free	Free Elective	3
_____Free	Free Elective	3	_____Free	Free Elective	3
_____Free	Free Elective	1	_____Free	Free Elective	1
Total No. of Credits		**16**	**Total No. of Credits**		**16**

Comments for Students:

Listed below are the courses that can be taken as CSA Electives

18 credits from the following set of courses, at least 9 credits of which must be CSA courses:

CSA 301 (Complex Online Investigations) [3]

CSA 333 (Cyber Crime and Citizenship) [3]

CSA 335 (Cyber Assurance and Homeland Security) [3]

CSA 340 (Special Topics in Cyber Security) [3] <Can be taken multiple times if the topic changes>

CPSC 422 (Systems Administration II) [3]

CPSC 437 (Introduction to Cryptography) [3]

MIS 342 - E-Commerce [3]

MIS 345 - Data Base Management [3]

MIS 406 - Project Management Practices [3]