

CYBERSECURITY DEGREE PLANNING SHEET

T-transfer
credit
M-Maryville
credit

Student Name:	I.D.#:	Adviser Signature:
GENERAL EDUCATION (Minimum 48 Credit Hours)	T	M
		BUSINESS CORE (36-39 Credit Hours)
SKILLS/PROCESSES FOR LITERACY courses - 4 Courses for Freshmen)	(3)	
1) INTD 101 University Seminar (3)		ISYS 100 Computer Applications (3)
2) ENGL 101 Composition: Theme Writing (3)		BUS 150 Business Communications (3) required of all freshmen entry students
3) ENGL 104 Composition: The Essay (3)		ACCT 210 Financial Accounting (3)
4) MATH 117 College Algebra (3) or above		ACCT 211 Managerial Accounting (3)
		ECON 201 Macroeconomics (3) - may fulfill General Education
		ECON202 Microeconomics (3) - may fulfill General Education
		ISYS 241 Business Statistics (3), or MATH 141 Elementary Statistics (3) -may fulfill General Education
HUMANITIES (5 courses)		
ENGLISH LIT/FOREIGN LANG: 1 course		BUS 280 Business Law I (3)
1)		MGMT 321 Principles of Management (3)
PHILOSOPHY: 1 course		MKT 360 Principles of Marketing (3)
2)		FIN 312 Principles of Finance (3)
FINE ARTS*: 1 course		BUS 314 Operations Management (3)
3)		BUS 491 Business Policies (Capstone) (3)
HUMANITIES ELECTIVES**: 2 courses		CYBERSECURITY (30 Credit Hours)
4)		ISYS 250 Business Processes and Systems (3)
5)		ISYS 280 Critical Security Controls (3)
		ISYS 307 Business Data and Databases (3)
SOCIAL SCIENCE (3 courses)		ISYS 320 Application Development with Java (3)
HISTORY/GOVERNMENT: 1 course		ISYS 325 Operating Systems and Applications (3)
1)		ISYS 491 Cyber Law, Policy, & Compliance (3)
SOCIAL SCIENCE ELECTIVES***: 2 courses		
2)		<i>Choose General, Offense, or Defense Track:</i>
3)		Cybersecurity (General) Track (12)
		ISYS-470, ISYS-474, ISYS-481, and ISYS-484 in the Offense and Defense Tracks
SCIENCE/QUANTITATIVE REASONING (2 courses)		Cybersecurity (Offense) Track (12)
SCIENCE: 1 course		ISYS-470 Ethical Hacking & Pen Testing (3)
1)		ISYS-471 Advanced Ethical Hacking & Pen Testing (3)
QUANTITATIVE REASONING: 1 course math/science		ISYS-474 Network & Wireless Security (3)
2)		ISYS-475 Mobile Security (3)
TOTAL HOURS REQUIRED		Cybersecurity (Defense) Track (12)
128 credit hours minimum (last 30 hours in residency)		ISYS-480 Security Information & Event Mgmt (3)
Minimum 1/2 of the major credit hours in residency		ISYS-481 Virtualization & Cloud Security (3)
Minimum 1/2 of the minor credit hours in residency		ISYS-484 Digital Forensics (3)
60 credit hours must be completed at a 4-year institution		ISYS-485 Incident Response & Malware Analysis (3)
		Electives ISYS 101-109, ISYS 390, ISYS 445, ISYS 446, ISYS 495, ISYS 499, BUS 440, other advisor approved electives

*Fine Arts: ADSA, ADAH, ADGD, ADID, ART, FPAR, MUS

**Humanities: ENGL, PHIL, REL, HUM, Fine Arts, Foreign Languages

***Social Science: HIST, PSCI, SOC, PSYC, GEOG, ECON

