



**MARYVILLE**  
UNIVERSITY

## CYBERSECURITY

Minimum of **120** credit hours required for a Bachelor of Science degree.  
Last **30** credit hours must be from Maryville University

NAME: \_\_\_\_\_ REVIEWER: \_\_\_\_\_ DATE: \_\_\_\_\_

I. MCORE (36 Hours)	Credits	SEM/YR	Grade	Notes
<b>A. Social Discovery (6)</b>				
CORE 101: Discovering Community	3			
Student Choice	3			
CORE 401: Senior Capstone				In Major: ISYS 491
<b>B. Civic Discovery (6)</b>				
CORE 201: Discovering the Nation	3			
Student Choice	3			
<b>C. Cultural Discovery (6)</b>				
CORE 301: Discovering the World	3			
Student Choice	3			
<b>D. Creative Discovery (9)</b>				
COMP 104: Writing Across the Disciplines II	3			
Student Choice	3			
Student Choice	3			
<b>F. Scientific Discovery (9)</b>				
CORE 102: Everyday Data	3			
Student Choice	3			
Student Choice	3			
II. Major Requirements (84 Hours)	Credits	SEM/YR	Grade	Notes
COMP 101 Writing Across the Disciplines I	3			
MATH 116 Intermediate Algebra	3			
MATH 117 College Algebra or higher	3			
Electives	12			
MGMT 221 Management in Action	3			
BUS 150 Business Communications	3			
ACCT 210 Financial Accounting	3			
ACCT 211 Managerial Accounting	3			
ECON 203 Principles of Economics	3			
BUS 241 Business Statistics	3			
BUS 280 Business Law I	3			
MKT 360 Principles of Marketing	3			
FIN 312 Principles of Finance	3			
BUS 314 Operations Management	3			
BUS 491 Business Strategy	3			
ISYS 250 - Information Technology Concepts & Applications	3			
ISYS 280 - Cyber Security Principles	3			
ISYS 307 - Database Design	3			
ISYS 320 - Introduction to Programming	3			
ISYS 325 - Applied Operating Systems	3			
ISYS 486 - Cyber Law, Policy, and Compliance	3			
ISYS 491 - Cybersecurity Capstone	3			
Cyber Security General, Defense, or Offense track	3			
Cyber Security General, Defense, or Offense track	3			
Cyber Security General, Defense, or Offense track	3			
<b>Degree Total</b>	<b>120</b>			

## SAMPLE COURSE PLAN

This is an example of the sequence of course work to complete this major.

Fall of Freshman Year	Credits	Spring of Freshman Year	Credits
CORE 101: Discovering Community	3	CORE 201: Discovering the Nation	3
COMP 101 Writing Across the Disciplines I	3	COMP 104: Writing Across the Disciplines II	3
CORE 102: Everyday Data	3	MATH 116 Intermediate Algebra	3
ISYS 250 - Information Technology Concepts & Applications	3	ISYS 280 - Cyber Security Principles	3
MGMT 221 Management in Action	3	MCORE - Student Choice	3
Total	15	Total	15
Fall of Sophomore Year	Credits	Spring of Sophomore Year	Credits
CORE 301: Discovering the World	3	ACCT 211 Managerial Accounting	3
MATH 117 College Algebra or higher	3	BUS 241 Business Statistics	3
BUS 150 Business Communications	3	ISYS 325 - Applied Operating Systems	3
ACCT 210 Financial Accounting	3	MCORE - Student Choice	3
ISYS 320 - Introduction to Programming	3	MCORE - Student Choice	3
Total	15	Total	15
Fall of Junior Year	Credits	Spring of Junior Year	Credits
ECON 203 Principles of Economics	3	BUS 280 Business Law I	3
MKT 360 Principles of Marketing	3	FIN 312 Principles of Finance	3
ISYS 307 - Database Design	3	ISYS 486 - Cyber Law, Policy, and Compliance	3
Cyber Security General, Defense, or Offense track	3	Elective: Recommend ISYS 490 - Maryville SOC	3
MCORE - Student Choice	3	MCORE - Student Choice	3
Total	15	Total	15
Fall of Senior Year	Credits	Spring of Senior Year	Credits
BUS 314 Operations Management	3	CORE 401: ISYS 491 Cybersecurity	3
Cyber Security General, Defense, or Offense track	3	BUS 491 Business Strategy	3
Cyber Security General, Defense, or Offense track	3	Elective: Recommend ISYS 495 - Maryville Advanced SOC	3
MCORE - Student Choice	3	Elective	3
MCORE - Student Choice	3	Elective	3
Total	15	Total	15

Notes: