



BACHELOR OF SCIENCE IN CYBERSECURITY OPERATIONS AND MANAGEMENT (DATA SCIENCE)

FRESHMAN - FALL SEMESTER

ENG 1113	Communication: English Composition I	3
UNI 1111	Opportunities: University Seminar	1
CIS 1033	Foundations of Computer Science	3
CIS 1163	Personal Cybersecurity	3
MAT 1195	Calculus I	5
Total Credits		15

FRESHMAN - SPRING SEMESTER

BIB 1023	Values: New Testament History	3
ENG 2213 <i>or</i> ENG 3813	Communication: English Composition II <i>or</i> Professional Writing and Editing	3
UNI 1121	Reasoning: Introduction to Critical Thinking	1
DISCOVER	Values: (Cultural Awareness Options)	2
CIS 1144	Computer Science I	4
CIS 1141 <i>or</i> ELECTIVE	Introduction to Linux and Scripting <i>or</i> Student Selection	1
MAT 1173	Discrete Mathematics	3
Total Credits		17

SOPHMORE - FALL SEMESTER

BUS 2023	Reasoning: Business Statistics	3
ECO 2023	Society: Principles of Microeconomics	3
DISCOVER	Values: (Spiritual Formation Options)	2
ACC 2043	Principles of Managerial Accounting	3
CIS 2033 <i>or</i> MGT 3013	Principles of Information Assurance <i>or</i> Principles of Management	3
BUS 2012	Business Communications	2
Total Credits		16

SOPHMORE - SPRING SEMESTER

DISCOVER	Communication: (Communication Options)	3
CIS 2012	Networking and Cloud Computing	2
CIS 2043 <i>or</i> CIS 3013	System Administration <i>or</i> Digital Forensics	3
CIS 3123	Survey of Data Science	3
BUS 3073 <i>or</i> PSY 2033	Business Law <i>or</i> Social Engineering	3
CIS 1141 <i>or</i> ELECTIVE	Introduction to Linux and Scripting <i>or</i> Student Selection	1
BUS 4031	Professional Development	1
Total Credits		16

JUNIOR - FALL SEMESTER

BIB 1013	Values: Old Testament History	3
DISCOVER	Inquiry: (Inquiry Options)	4
CIS 2033 <i>or</i> MGT 3013	Principles of Information Assurance <i>or</i> Principles of Management	3
CIS 4523 <i>or</i> FIN 3053	Programming Analytics <i>or</i> Business Finance	3
CIS 3023 <i>or</i> CIS 3513	Network Security <i>or</i> Data Visualization	3
Total Credits		16

JUNIOR - SPRING SEMESTER

PSY 1013	Discipline: General Psychology	3
BUS 4041	Ethics Seminar	1
CIS 4533 <i>or</i> MKT 3023	Modeling for Data Science <i>or</i> Principles of Marketing	3
CIS 2043 <i>or</i> CIS 3013	System Administration <i>or</i> Digital Forensics	3
CIS 4463 <i>or</i> ECO 2033	Ethical Hacking <i>or</i> Principles of Macroeconomics	3
BUS 3073 <i>or</i> PSY 2033	Business Law <i>or</i> Social Engineering	3
Total Credits		16

SENIOR - FALL SEMESTER

DISCOVER	Enrichment: (Enrichment Options)	3
DISCOVER	Society: (American Studies Options)	3
CIS 3023 <i>or</i> CIS 3513	Network Security <i>or</i> Data Visualization	3
CIS 4523 <i>or</i> FIN 3053	Programming Analytics <i>or</i> Business Finance	3
Total Credits		12

SENIOR - SPRING SEMESTER

CIS 4533 <i>or</i> MKT 3023	Modeling for Data Science <i>or</i> Principles of Marketing	3
CIS 4463 <i>or</i> ECO 2033	Ethical Hacking <i>or</i> Principles of Macroeconomics	3
MGT 4083	Strategic Management	3
ELECTIVE	Student Selection	3
Total Credits		12

DISCOVER Core Curriculum

Student Selection: Open Choice, Second Major Courses, or Minor Courses

Total Credits to Graduate: 120

Updated Spring 2024