



BACHELOR OF SCIENCE IN CYBERSECURITY OPERATIONS AND MANAGEMENT

FRESHMAN - FALL SEMESTER

BIB 1013	Values: Old Testament History	3
ENG 1113	Communication: English Composition I	3
UNI 1111	Opportunities: University Seminar	1
DISCOVER	Society: (American Studies Options)	3
CIS 1033	Foundations of Computer Science	3
CIS 1163	Personal Cybersecurity	3
Total Credits		16

FRESHMAN - SPRING SEMESTER

BIB 1023	Values: New Testament History	3
ENG 2213 / ENG 3813	Communication: English Composition II <i>or</i> Communication: Professional Writing and Editing	3
MAT 1243	Reasoning: Algebraic Reasoning & Modeling	3
UNI 1121	Reasoning: Critical Thinking	1
DISCOVER	Values: (Cultural Awareness Options)	2
CIS 1141	Introduction to Linux and Scripting	1
ELECTIVE	Student Selection	3
Total Credits		16

SOPHOMORE - FALL SEMESTER

ECO 2023	Society: Principles of Microeconomics	3
ACC 2013	Principles of Financial Accounting	3
CIS 2013	Networking and Cloud Computing	3
CIS 2033 <i>or</i> CIS 2043	Information Assurance <i>or</i> System Administration	3
CIS 3123	Survey of Data Science	3
Total Credits		15

SOPHOMORE - SPRING SEMESTER

DISCOVER	Communication: (Communication Options)	3
DISCOVER	Discipline: General Psychology	3
BUS 2023 <i>or</i> CIS 1853	Business Statistics <i>or</i> Artificial Intelligence & Contemporary Technologies	3
CIS 3013 <i>or</i> CIS 4033	Digital Forensics and Practice <i>or</i> Social Engineering	3
ELECTIVE	Student Selection	2
Total Credits		14

JUNIOR - FALL SEMESTER

DISCOVER	Inquiry: (Inquiry Options)	4
CIS 2033 <i>or</i> CIS 2043	Information Assurance <i>or</i> System Administration	3
CIS 4393 <i>or</i> ELECTIVE	Network and Systems Security <i>or</i> Student Selection	3
MGT 3013	Principles of Management	3
ELECTIVE	Student Selection	3
Total Credits		16

JUNIOR - SPRING SEMESTER

DISCOVER	Enrichment: (Enrichment Options)	3
BUS 2023 <i>or</i> CIS 1853	Business Statistics <i>or</i> Artificial Intelligence & Contemporary Technologies	3
CIS 3013 <i>or</i> CIS 4033	Digital Forensics and Practice <i>or</i> Social Engineering	3
CIS 3852	Computing Ethics and Professional Development	2
CIS 4463 <i>or</i> ELECTIVE	Ethical Hacking <i>or</i> Student Selection	3
Total Credits		14

SENIOR - FALL SEMESTER

BUS 4203	Data Analytics	3
CIS 4393 <i>or</i> ELECTIVE	Network and Systems Security <i>or</i> Student Selection	3
FIN 3053	Business Finance	3
ELECTIVE	Student Selection	6
Total Credits		15

SENIOR - SPRING SEMESTER

DISCOVER	Values: (Spiritual Formation Options)	2
BUS 4213	Processing Data for Decision Making	3
CIS 4463 <i>or</i> ELECTIVE	Ethical Hacking <i>or</i> Student Selection	3
MGT 3033	Operations Management	3
ELECTIVE	Student Selection	3
Total Credits		14

DISCOVER Core Curriculum: 40 Hours

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

*Major Recommendation

Total Credits to Graduate: 120

Updated Spring 2025

PLANS ARE PROPOSED GUIDELINES. Please check the catalog and see your advisor for your final degree and upper-level requirements.
SBU reserves the right to make changes to degree plans without advanced notice or obligation.