



## BACHELOR OF SCIENCE IN CYBERSECURITY

### FRESHMAN - FALL SEMESTER

ENG 1113	Communication: English Composition I	3
MAT 1195	Reasoning: Calculus I	5
PSY 1013	Discipline: General Psychology	3
UNI 1111	Opportunities: University Seminar	1
CIS 1033	Foundations of Computer Science	3
CIS 1163	Personal Cybersecurity	3
<b>Total Credits</b>		<b>18</b>

### FRESHMAN - SPRING SEMESTER

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 1141	Introduction to Linux and Scripting	1
CIS 1144	Computer Science I	4
MAT 1173	Discrete Mathematics	3
<b>Total Credits</b>		<b>14</b>

### SOPHOMORE - FALL SEMESTER

DISCOVER	Communication: (Communication Options)	3
CIS 1154	Computer Science II	4
CIS 2033 <i>or</i> CRJ 2313	Principles of Information Assurance <i>or</i> Introduction to Criminal Justice	3
MAT 3343	Mathematical Statistics	3
CHOICE	Mathematics Choice	3
<b>Total Credits</b>		<b>16</b>

### SOPHOMORE - SPRING SEMESTER

ECO 2023 <i>or</i> PSY 2033	Society: Principles of Microeconomics <i>or</i> Social Engineering	3
CIS 2012	Networking and Cloud Computing	2
CIS 2043 <i>or</i> CIS 3013	System Administration <i>or</i> Digital Forensics	3
CIS 2213	System Analysis and Design	3
CIS 3333	Algorithms and Data Structures	3
<b>Total Credits</b>		<b>14</b>

### JUNIOR - FALL SEMESTER

DISCOVER	Inquiry: (Inquiry Options)	4
BUS 4031	Professional Development	1
BUS 4041	Ethics Seminar	1
CIS 3323	Database Management Systems Design	3
CIS 2033 <i>or</i> CRJ 2313	Principles of Information Assurance <i>or</i> Introduction to Criminal Justice	3
CIS 3023 <i>or</i> CIS 4453	Network Security <i>or</i> Systems Security	3
<b>Total Credits</b>		<b>15</b>

### JUNIOR - SPRING SEMESTER

DISCOVER	Values: (Spiritual Formation Options)	2
ECO 2023 <i>or</i> PSY 2033	Society: Principles of Microeconomics <i>or</i> Social Engineering	3
CIS 2253	Full Stack Web Development	3
CIS 2043 <i>or</i> CIS 3013	System Administration <i>or</i> Digital Forensics	3
CIS 3033 <i>or</i> CIS 4463	Secure Software <i>or</i> Ethical Hacking	3
<b>Total Credits</b>		<b>14</b>

### SENIOR - FALL SEMESTER

BIB 1013	Values: Old Testament History	3
DISCOVER	Enrichment: (Enrichment Options)	3
DISCOVER	Society: (American Studies Options)	3
CIS 3023 <i>or</i> CIS 4453	Network Security <i>or</i> Systems Security	3
CIS 3412	Machine Organization	2
CIS 4462	Applied Software Engineering I	2
<b>Total Credits</b>		<b>16</b>

### SENIOR - SPRING SEMESTER

BIB 1023	Values: New Testament History	3
CIS 3033 <i>or</i> CIS 4463	Secure Software <i>or</i> Ethical Hacking	3
CIS 4423	Operating Systems	3
CIS 4472	Applied Software Engineering II	2
CHOICE	Business/Behavioral Science Choice	3
<b>Total Credits</b>		<b>14</b>

DISCOVER Core Curriculum

**Total Credits to Graduate: 121**

*Updated Spring 2024*