COLLEGE OF ARTS & SCIENCES
2022-23 BS CYBERSECURITY DEGREE PLAN

FIRST YEAR - FRESHMAN

Fall Semester				Spring Semester			
Dept	Crse#	Course Name	Hrs	Dept	Crse#	Course Name	Hrs
BIB	121	Life of Christ[1]	2	BIB	122	Acts of the Apostles[1]	2
CYB	101	Introduction to Cybersecurity	3	CYB	201	Introduction to Linux	3
CIS	171	Computer Programming I	3	CIS	172	Computer Programming II[3]	3
ENG	101	English Composition I[1]	3	ENG	102	English Composition II[1,3]	3
MAT	235	Introductory Statistics[3]	3			Natural Sciences[1,2]	3
			14				14

SECOND YEAR - SOPHOMORE

Fall Semester				Spring Semester			
Dept	Crse#	Course Name	Hrs	Dept	Crse#	Course Name	Hrs
BIB		Bible Elective	2	BIB		Bible Elective	2
CYB	220	Windows Security	3	CYB	350	Ethical Hacking[3]	3
CIS	273	Data Structures[3]	3	CIS	345	Computer Networks[3]	3
CIS	324	Database Systems	3			Behavioral Sciences[1,2]	3
COM	140	Speech Communication[1]	3			Electives	6
		Elective	3				
			17				17

THIRD YEAR - JUNIOR

Fall Semester				Spring Semester			
Dept	Crse#	Course Name	Hrs	Dept	Crse#	Course Name	Hrs
BIB		Bible Elective	2	BIB	346	Bible Elective	2
CYB	380	Cybersecurity Planning & Risk[3]	3	CYB	430	Intrusion Detection & Mitigation[3]	3
CYB	390	Network Admin & Security[3]	3	CIS	460	Operating Systems[3]	3
CIS	441	System Admin & Security[3]	3			History[1,2]	3
		Electives	6			Electives	6
			17				17

FOURTH YEAR - SENIOR

Fall Semester				Spring Semester			
Dept	Crse#	Course Name	Hrs	Dept	Crse#	Course Name	Hrs
BIB		Foundations of Faith[1]	3	BIB	495	Values in Human Thought[1,3]	3
CYB	410	Digital Forensics & Incident[3]	3	CYB	440	Cryptography[3]	3
		Critical and Creative Works[1,2]	3	CYB	495	Cybersecurity Capstone[3]	3
		Electives	6			Electives	6
			15				15

(Superscripts if needed)

[1] Liberal Arts Core Requirement

[2] Liberal Arts Core Requirements in *Undergraduate Catalog*

[3] Course has prerequisite. See corresponding *Undergraduate Catalog*

ADDITIONAL ITEMS RELATED TO THE MAJOR

The following guidelines are important. Failure to follow these guidelines may delay graduation.

1. Plan schedules carefully. Plan to fulfill prerequisites for future courses.
2. Do not alter the sequence of courses without consulting with your academic adviser as not all classes are offered every semester.
3. Before the enrollment period, check to make sure holds will not prevent you from registration.
4. Register for classes early during the registration period to secure classes.

The Four-Year Degree Plan is a suggested plan of study. This plan does not replace the *Undergraduate Catalog*. The *Undergraduate Catalog* provides the official listing of program requirements.

2022-23 Undergraduate Liberal Arts Core Requirements

I. Biblical Values
BIB 121 **AND** 122 **AND** 346 **OR** 446   7

II. Basic Skills

A. Written Communication
ENG 101 **AND** ENG 102   6

B. Oral Communication
COM 140 Speech Communication   3

C. Quantitative Reasoning
MAT 100 **OR** MAT 101 **OR**   3 or 4
MAT 120 **OR** MAT 122 **OR** MAT 235

III. Broadened Perspectives

A. Behavioral Sciences
BIB/FAM 230 **OR** PSY 210 **OR**   3
SOC 241 **OR** SWK 251

Complete course names and descriptions for the liberal arts core requirements are located in the *Undergraduate Catalog*.

B. Natural Sciences
BIO 100 **OR** BIO 105 **OR** BIO 110 **OR**   3 or 4
BIO 111 **OR** BIO 112 **OR** BIO 211 **OR**
CHE 121 w/CHE121L **OR** PHS 111 **OR**
PHS 112 **OR** PHS 201 **OR** PHS 211

C. Arts and Humanities

1. History   3
HIS 111 **OR** HIS 112 **OR** HIS 221 **OR**
HIS 222 **OR** POL 251

2. Creative Works   3
ART 110 **OR** ART 201 **OR** ART 234 **OR**
ENG 215 **OR** ENG 225 **OR** ENG 235 **OR**
ENG 299A/399A **OR** MUS 110 **OR** MUS 214 **OR**
PHI 243 **OR** PHI 245 **OR** PHI 246 **OR**
THE 160 **OR** THE 265 **OR** THE 299A/399A

3. Humanities Capstone   3
BIB/HUM 495