COLLEGE OF ARTS & SCIENCES
2020-2021 CYBERSECURITY DEGREE PLAN

FIRST YEAR - FRESHMAN

Fall Semester (2020)				Spring Semester (2021)			
Dept	Crse#	Course Name	Hrs	Dept	Crse#	Course Name	Hrs
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	Intro to Statistics[3]	3			Elective	3
CYB	101	Intro to Cybersecurity	3	CYB	201	Intro to Linux	3
BIB	121	Life of Christ[1]	2	BIB	122	Acts of the Apostles[1]	2
			14				14

SECOND YEAR - SOPHOMORE

Fall Semester (2021)				Spring Semester (2022)			
Dept	Crse#	Course Name	Hrs	Dept	Crse#	Course Name	Hrs
CIS	273	Data Structures[3]	3	CYB	350	Ethical Hacking	3
		Elective	3			Creative Works[1]	3
COM	140	Speech Communication[1]	3	CIS	345	Computer Networks[3]	3
		Behavioral Science[1]	3			Elective	3
CYB	220	Windows Security	3			Elective	3
BIB		Bible	2	BIB		Bible	2
			17				17

THIRD YEAR - JUNIOR

Fall Semester (2022)				Spring Semester (2023)			
Dept	Crse#	Course Name	Hrs	Dept	Crse#	Course Name	Hrs
CIS	441	System Admin and Security	3	CYB	390	Network Administration and	3
		Elective	3	CYB	430	Intrusion Detection and Mitigation	3
CYB	380	Cybersecurity Plannng and Risk	3	CYB	350	Ethical Hacking	3
HIS		History[1]	3			Elective	3
		Elective	2			Elective	2
BIB		Bible	3	BIB		Bible	3
			17				17

FOURTH YEAR - SENIOR

Fall Semester (2023)				Spring Semester (2024)			
Dept	Crse#	Course Name	Hrs	Dept	Crse#	Course Name	Hrs
CIS	324	Database	3	CYB	440	Cryptography	3
CYB	410	Digital Forensics and Incidence	3			Elective	3
CIS	460	Operating Systems	3	CYB	495	Cybersecurity Capstone	3
		Elective	3			Elective	3
BIB	346	Foundations of Faith[1]	3	BIB	495	Values in Human Thought & Action[1]	3
			15				15

[1]Liberal Arts Core Requirement

[2]Liberal Arts Core Requirement 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
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.

2020-21 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 HUM399A **OR** POL 251

2. Creative Works   3

ART 110 **OR** ART 201 **OR** ART 234 **OR**
ENG 225 **OR** ENG 226 **OR** ENG 235 **OR**
ENG 236 **OR** ENG 245 **OR** ENG 246 **OR**
ENG 299A/399A **OR** MUS 110 **OR** MUS 214 O
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