

**COLLEGE OF ARTS & SCIENCES**  
**2021-2022 CYBERSECURITY**  
**B.S. DEGREE PLAN**

<b>FIRST YEAR - FRESHMAN</b>							
<b>Fall Semester</b>				<b>Spring Semester</b>			
Dept.	Crse#	Course Name	Hrs.	Dept.	Crse#	Course Name	Hrs.
CIS	171	Computer Programming I	3	CIS	172	Computer Programming II <sup>3</sup>	3
ENG	101	English Composition I <sup>1</sup>	3	ENG	102	English Composition II <sup>1,3</sup>	3
MAT	235	Introductory Statistics <sup>3</sup>	3			Elective	3
CYB	101	Introduction to Cybersecurity	3	CYB	201	Intro to Linux	3
BIB	121	Life of Christ <sup>1</sup>	2	BIB	122	Acts of Apostles <sup>1</sup>	2
			<b>14</b>				<b>14</b>
<b>SECOND YEAR - SOPHOMORE</b>							
<b>Fall Semester</b>				<b>Spring Semester</b>			
Dept.	Crse#	Course Name	Hrs.	Dept.	Crse#	Course Name	Hrs.
CIS	273	Data Structures <sup>3</sup>	3	CYB	350	Ethical Hacking <sup>3</sup>	3
		Elective	3			Creative Works <sup>1</sup>	3
COM	140	Speech Communication <sup>1</sup>	3	CIS	345	Computer Networks <sup>3</sup>	3
		Behavioral Science <sup>1</sup>	3			Elective	3
CYB	220	Windows Security	3			Elective	3
BIB		Bible	2	BIB		Bible	2
			<b>17</b>				<b>17</b>
<b>THIRD YEAR - JUNIOR</b>							
<b>Fall Semester</b>				<b>Spring Semester</b>			
Dept.	Crse#	Course Name	Hrs.	Dept.	Crse#	Course Name	Hrs.
CIS	441	System Administration & Security	3	CYB	390	Network Administration & Security <sup>3</sup>	3
		Elective	3	CYB	430	Intrusion Detection and Mitigation <sup>3</sup>	3
CYB	380	Cybersecurity Planning and Risk Manage	3	CYB	350	Ethical Hacking <sup>3</sup>	3
HIS		History <sup>1</sup>	3			Elective	3
		Elective	2			Elective	2
BIB		Bible	3	BIB		Bible	3
			<b>17</b>				<b>17</b>
<b>FOURTH YEAR - SENIOR</b>							
<b>Fall Semester</b>				<b>Spring Semester</b>			
Dept.	Crse#	Course Name	Hrs.	Dept.	Crse#	Course Name	Hrs.
CIS	324	Database Systems <sup>3</sup>	3	CYB	440	Cryptography <sup>3</sup>	3
CYB	410	Digital Forensics & Incident Response <sup>3</sup>	3			Elective	3
CIS	460	Operating Systems <sup>3</sup>	3	CYB	495	Cybersecurity Capstone <sup>3</sup>	3
		Elective	3			Elective	3
BIB	346	Foundations of Faith <sup>1</sup>	3	BIB	495	Values in Human Thought & Action <sup>1</sup>	3
			<b>15</b>				<b>15</b>
						<b>Total</b>	<b>126</b>

<sup>1</sup>Liberal Arts Core Requirement

<sup>2</sup>Liberal Arts Core Requirements in *Undergraduate Catalog*

<sup>3</sup>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 registering.
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.**

### 2021-22 Undergraduate Liberal Arts Core Requirements

I. Biblical Values	III. Broadened Perspectives
<b>A. Bible</b>	<b>A. Behavioral Sciences</b>
BIB 121 & 122 & 346 <b>OR</b> 446 7	BIB/FAM 230 <b>OR</b> PSY 210 <b>OR</b> SOC 241 <b>OR</b> SOC 251 3
<b>II. Basic Skills</b>	<b>B. Natural Sciences</b>
<b>A. Written Communication</b>	BIO 100 <b>OR</b> BIO 105 <b>OR</b> BIO 110 <b>OR</b> BIO 111 <b>OR</b> BIO 112 <b>OR</b> BIO 211 <b>OR</b> CHE 121 & CHE 121L <b>OR</b> PHS 111 <b>OR</b> PHS 112 <b>OR</b> PHS 201 <b>OR</b> PHS 211 3
ENG 101 <b>AND</b> ENG 102 6	<b>C. Arts and Humanities</b>
<b>B. Oral Communication</b>	<i>HISTORY:</i> HIS 111 <b>OR</b> HIS 112 <b>OR</b> HIS 221 <b>OR</b> HIS 222 <b>OR</b> HUM 399A <b>OR</b> POL 3
COM 140 3	<i>CRITICAL AND CREATIVE WORKS:</i> 3
<b>C. Quantitative Reasoning</b>	ART 110 <b>OR</b> ART 201 <b>OR</b> ART 234 <b>OR</b> ENG 215 <b>OR</b> ENG 225 <b>OR</b> ENG 235 <b>OR</b> ENG 299A/399A <b>OR</b> MUS 110 <b>OR</b> MUS 214 <b>OR</b> PHI 243 <b>OR</b> PHI 245 <b>OR</b> PHI246 <b>OR</b> THE 160 <b>OR</b> THE 265 <b>OR</b> THE 299A/399A
MAT 100 <b>OR</b> MAT 101 <b>OR</b> MAT 120 <b>OR</b> MAT 122 <b>OR</b> MAT235 3	<i>HUMANITIES CAPSTONE:</i> BIB/HUM 495 3
<i>Complete course names and descriptions for the Liberal Arts Core Requirements are located in the Undergraduate Catalog.</i>	

**Total 34**