

COLLEGE OF ARTS & SCIENCES

2024-2025 CYBERSECURITY

B.S. 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	CIS		CIS Elective	3
CIS	273	Data Structures ³	3	CIS	345	Computer Networks ³	3
COM	140	Speech Communication ¹	3			Behavioral Sciences ^{1,2}	3
		Electives	6			Electives	6
			17				17
THIRD YEAR - JUNIOR							
Fall Semester				Spring Semester			
Dept.	Crse#	Course Name	Hrs.	Dept.	Crse#	Course Name	Hrs.
BIB	346	Foundations of Faith ¹	3	BIB	495	Values in Human Thought ^{1,3}	3
CYB	380	Cybersecurity Planning & Risk ³	3	CYB	430	Intrusion Detection & Mitigation ³	3
CIS	441	System Admin & Security ³	3	CIS	460	Operating Systems ³	3
		Electives	6			Electives	6
			15				15
FOURTH YEAR - SENIOR							
Fall Semester				Spring Semester			
Dept.	Crse#	Course Name	Hrs.	Dept.	Crse#	Course Name	Hrs.
BIB		Bible Elective	2	BIB		Bible Elective	2
CYB	410	Digital Forensics & Incident Response	3	CYB	350	Ethical Hacking ³	3
CYB	390	Network Admin & Security ³	3	CYB	495	Cybersecurity Capstone ³	3
CIS	324	Database Systems	3			History ^{1,2}	3
		Critical and Creative Works ^{1,2}	3			Electives	6
		Elective	3				
			17				17
						Total	126

¹Liberal Arts Core Requirement

²Liberal Arts Core Requirements in *Undergraduate Catalog*

³Course has prerequisite. See corresponding *Undergraduate Catalog*

ADDITIONAL ITEMS RELATED TO THE MAJOR

[Insert additional information about the major here]

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.

2024-25 Undergraduate Liberal Arts Core Requirements

I. Biblical Values		III. Broadened Perspectives	
A. Bible		A. Behavioral Sciences	
BIB 121 AND 122 AND 346 OR 446	7	FAM/SOC 230 OR PSY 210 OR SOC 241 OR SWK 251	3
II. Basic Skills		B. Natural Sciences	
A. Written Communication		BIO 100 OR BIO 105 OR BIO 110 OR BIO 111 OR BIO 112 OR BIO 211 OR CHE 121 OR PHS 111 OR PHS 112 OR PHS 201 OR PHS 211	
ENG 101 AND ENG 102	6	3	
B. Oral Communication		C. Arts and Humanities	
COM 140	3	HISTORY: HIS 111 OR HIS 112 OR HIS 221 OR HIS 222 OR HUM 399A OR POL 251	
C. Quantitative Reasoning		CRITICAL AND CREATIVE WORKS:	
MAT 100 OR MAT 101 OR MAT 120 OR MAT 122 OR MAT 235	3	ART 110 OR ART 234 OR ENG 225 OR ENG 226 OR ENG 235 OR ENG 236 OR ENG 245 OR ENG 246 OR MUS 110 OR MUS 214 OR PHI 243 OR PHI 245 OR PHI 246 OR THE 160 OR THE 265 OR THE 299A	
Complete course names and descriptions for the Liberal Arts Core Requirements are located in the Undergraduate Catalog.		HUMANITIES CAPSTONE: BIB/HUM 495	
		3	