



**Bachelor of Science in:
Cybersecurity**
For Students Following the:
2020-2021 catalog

Name:	
Student ID:	
Catalog Year:	

SUPPORT COURSES (12 Hours)					
Course	Pre-req	Credits	Term	Grade	
MAT 185	Introductory Discrete Mathematics	MAT 103 or placement	3		
STA 205	Statistical Methods	MAT 101 and ENG 101R or RDG 110 or placement	3		
OR STA 205R	Statistical Methods with Recitation		3		
MAT 483	Cryptology	MAT 234 or CSC 362 or CSC 364	3		
PHI 310	Information Ethics	Sophomore Standing or Instructor Permission	3		

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Approved Exceptions
Successful Completion of STA 205 DSST
Successful Completion of PHI 310 DSST

INFORMATICS CORE COURSES (17 Hours)					
Course	Pre-req	Credits	Term	Grade	
INF 100	Orientation to College of Informatics	Freshman Standing or Dept. Approval	1		
INF 201	Foundations of Informatics Professionals		1		
INF 120	Elementary Programming (or placement)	MAT 102 or placement	3		
INF 284	Introduction to Computer Networks	MAT 103 & INF 110 or INF 120 or CIT 130	3		
INF 286	Introduction to Web Development	MAT 103 & INF 110 or INF 120 or CSC 260 (pre-req or co-req)	3		
BIS 300	Management Information Systems	Junior standing or BUS 101 or BIS 275; STA 212, STA 205 or STA 205R, or STA 250; & BIS 101 or BI Department Permission	3		
BIS 382	Principles of Information Security	BIS 300	3		

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Successful INF 120 CPLE
Successful INF 286 CPLE
Successful BIS 300 DSST Exam

CYBERSECURITY CORE COURSES (6 Hours)					
Course	Pre-req	Credits	Term	Grade	
CYS 310	Cybersecurity Risk Management	CIT 285	3		
CYS 444	Software Security	CIT 285 & CSC 362	3		

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COMPUTER INFORMATION TECHNOLOGY CORE COURSES (15 Hours)					
Course	Pre-req	Credits	Term	Grade	
CIT 130	Information Technology Fundamentals	MAT 102 or placement & ENG 101R or placement	3		
CIT 285	Cybersecurity Fundamentals	CIT 130 & CIT 247 or INF 284	3		
CIT 371	Unix Systems	INF 120, CIT 130, & CIT 247 or INF 284	3		
CIT 430	Computer Forensics	CIT 480 only or CIT 371 & CIT 285 or BIS 382	3		
CIT 485	Advanced Cybersecurity	CIT 371 & CIT 285 or CIT 480	3		

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Successful Completion of CIT 371 CPLE

