



INF, CIT, or CSC Elective			3		
INFORMATION SECURITY MINOR (30 Hours)					
Course	Pre-req	Credits	Term	Grade	
INF 120	Elementary Programming (or placement)	MAHD099	3		
CIT 130	Information Technology Fundamentals	MAHD099	3		
CIT 247	Networking Fundamentals	CIT 130	3		
CIT 285	Cybersecurity Fundamentals		3		
CIT 371	Unix Systems	INF 120 & CIT 247 or INF 284	3		
STA 205	Introduction to Statistical Methods	MAHD092 or MAHD095 or MAHD099	3		
<b>OR</b>					
STA 212	Statistics for Business Applications I	MAHD092 or MAHD095 or MAHD099	3		
<b>OR</b>					
STA 250	Probability & Statistics I	MAT 129 or MAT 227 (co req)	3		
BIS 300	Management Information Systems	Junior Standing & BIS 101 & STA 205 or STA 212 or STA 250 or BIS 275	3		
BIS 330	IT Project Management	BIS 275 or BIS 300	3		
BIS 382	Principles of Information Security	BIS 300 or equivalent	3		
<i>Select 1 of the Following:</i>					
CIT 430	Computer Forensics		3		
CIT 484	Network Security	Check pre-reqs for each class	3		
CIT 485	Advanced Cybersecurity		3		
CSC 482	Computer Security		3		
CSC 483	Cryptology		3		
DATA SCIENCE MINOR (22 Hours)					
Course	Pre-req	Credits	Term	Grade	
BIS 384	Business Analytics	BIS 380 or DSC 311	3		
DSC 101	Introduction to Data Science	Declared DSC Major	1		
DSC 311	Data Analytics	STA 250 & BIS 305, CIT 383, CSC 260, CSC 270, EGT 267 or STA 360	3		
DSC 321	Data Visualization	DSC 311	3		
INF 282	Introduction to Databases	MAHD099 (≥ C)	3		
STA 250	Probability and Statistics I	MAT 129 or MAT 227 (co-req)	3		
<i>Programming Course (Select one from the following)</i>					
BIS 305	Advanced Business Programming	INF 110 or INF 120	3		
CIT 383	Scripting I	INF 120 & CIT 271 or CIT 371	3		
CSC 260	Object-Oriented Programming I	MAT 109 & INF 110 or INF 120 or placement	3		
CSC 270	Mathematics Software Programming	MAT 128 or MAT 129	3		
EGT 267	Programming for Engineering Applications	INF 120 or placement & EGT 161	3		
STA 360	Statistical Computing	STA 213 or any 300-level STA course or permission of instructor	3		
<i>Elective Course (Select one from the following) *</i>					
DSC 411	Data Mining	CSC 364 & STA 250	3		
DSC 421	Big Data	DSC 411 & CSC 450	3		
STA 314	Design and Analysis of Experiments	STA 213 or STA 250; or ≥ B- in STA 205 or STA 212	3		
STA 360	Statistical Computing	STA 213 or any 300-level STA course or permission of instructor	3		

OFFICE USE ONLY	
Approved Exceptions	
Successful Completion of INF 120 CPLE	
Successful Completion of CIT 247 Competency Exam	
Successful Completion of STA 205 DSST	
Successful BIS 300 DSST	
ONLY	
Approved Exceptions	
Successful Completion of CSC 260 CPLE	

\* May not reuse a course selected for the programming option above

Students must earn a grade of "C-" or better and a 2.00 GPA in all courses that apply to the minor.

Please consult with your advisor and the appropriate University Course Catalog for all other degree requirements.