



**Bachelor of Science in:  
Computer Information Technology**

**For Students Following the:  
2016-2017 catalog**

Name:
Student ID:
Catalog Year:

Version 1.2

SUPPORT COURSES (9 Hours)					
Course	Pre-req	Credits	Term	Grade	
STA 205	Introduction to Statistical Methods	C- or better in MAHD 099 or MAHD 095 or placement	3		
<b>OR</b>					
STA 212	Statistics for Business Applications I	C- or better in MAHD 099 or MAHD 095 or placement	3		
<b>OR</b>					
STA 250	Probability and Statistics I	C- or better in MAT 129 & MAT 227 (co req)	3		
PHI 210	Ethics of Information Technology		3		
ENG 347	Technical Writing	ENG 291	3		

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CORE COURSES (24 Hours)					
Course	Pre-req	Credits	Term	Grade	
INF 120	Elementary Programming (or placement)	MAHD099	3		
INF 282	Introduction to Databases	MAHD099	3		
INF 286	Introduction to Web Development	MAT 109 & INF 110 or INF 120	3		
CIT 130	Information Technology Fundamentals	MAHD099	3		
CIT 247	Networking Fundamentals	CIT 130	3		
CIT 271	Windows Administration	CIT 247 & INF 120	3		
CIT 371	Unix Systems	CIT 247 or INF 284 & INF 120	3		
CIT 383	Scripting I	CIT 271 or CIT 371 & INF 120	3		
CIT 480	Securing Computer Systems	C- or better in CIT 371	3		

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**Students will select ONE of the following specialization tracks to fulfill their major requirements.**

NETWORK AND SYSTEM ADMINISTRATION TRACK (18 Hours)					
Course	Pre-req	Credits	Term	Grade	
CIT 447	Network Design/Troubleshooting	CIT 247	3		
CIT 470	Advanced Network & System Admin.	CIT 383 & CIT 271 & CIT 371	3		
CIT 484	Network Security	CIT 247 & CIT 480	3		
CIT 3xx-4xx			3		
CIT 3xx-4xx			3		
CIT 3xx-4xx			3		

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WEB & DATABASE ADMINISTRATION TRACK (18 Hours)					
Course	Pre-req	Credits	Term	Grade	
CSC 260	Object-Oriented Programming I	MAT 109 & INF 110 or INF 120	3		
CSC 360	Object-Oriented Programming II	CSC 260 & MAT 119 (≥B-)	3		
<b>OR</b> CIT 483	Scripting II	CIT 371 & CIT 383	3		
CSC 301	Web Programming	CSC 260 or CIT 383 & INF 286 & INF 282	3		
CIT 436	Web Server Administration	INF 286 & CIT 371	3		
CIT 472	Database Administration	CSC 260 or CIT 383 & INF 282 & CIT 271	3		
CIT 3xx-4xx			3		
<b>OR</b> CSC 456	Advanced Web Application Dev	CSC 301 & CSC 360			

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CYBERSECURITY TRACK (18 Hours)					
Course	Pre-req	Credits	Term	Grade	
CIT 430	Computer Forensics	CIT 480	3		
CIT 481	Cybersecurity Capstone	INF 282 & CIT 480 & STA 205 or STA 212 or STA 250	3		
CIT 484	Network Security	CIT 247 & CIT 480	3		
CIT 3xx-4xx			3		
CIT 3xx-4xx			3		
CIT 3xx-4xx			3		

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BIS 382, CSC 482, and/or CSC 483 may count as electives

NON-SPECIALIST TRACK (18 Hours)					
Course	Pre-req	Credits	Term	Grade	
CSC 260	Object-Oriented Programming I	MAT 109 & INF 110 or INF 120	3		
CSC 360	Object-Oriented Programming II	CSC 260 & MAT 119 (≥B-)	3		
<b>OR</b> CIT 483	Scripting II	CIT 371 & CIT 383	3		
CIT 436	Web Server Administration	INF 286 & CIT 371	3		
<b>OR</b> CIT 472	Database Administration	C- or better in INF 282, CIT 271 and either CSC 260 or CIT 383			
<b>OR</b> CIT 438	Cloud Computing	CIT 371 & CIT 383	3		
CIT 470	Advanced Network & System Admin.	CIT 383 & CIT 271 & CIT 371	3		
<b>OR</b> CIT 481	Cybersecurity Capstone	INF 282 & CIT 480 & STA 205 or STA 212 or STA 250	3		
CIT 3xx-4xx			3		
CIT 3xx-4xx			3		

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Students must have a grade of C- or better to meet prerequisites for all courses unless otherwise indicated and must earn a grade of C- or better in all courses that apply to the major and a minimum 2.0 major GPA. Please consult with your advisor and the appropriate University Course Catalog for all other degree requirements.