



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

For Students Following the:
2011-2012 catalog
2012-2013 catalog
2013-2014 catalog
2014-2015 catalog
2015-2016 catalog

Name:
Student ID:
Catalog Year:

SUPPORT COURSES (9 Hours)					
Course		Pre-req	Credits	Term	Grade
MAT 185	Introductory Discrete Math	MAT 109	3		
PHI 210	Ethics of Information Technology		3		
ENG 347	Technical Writing	ENG 291	3		

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Approved Exceptions

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 & MAT 185	3		

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

DATABASE AND WEB DEVELOPMENT TRACK (21 Hours)					
Course		Pre-req	Credits	Term	Grade
INF 260 / CSC 260	Object-Oriented Programming I	MAT 109 & INF 110 or INF 120	3		
MIN 221	Visual Fundamentals for Digital Media	INF 186 or INF 286 (pre-req or co-req)	3		
CSC 360 OR CIT 483	Object-Oriented Programming II Scripting II	INF/CSC 260 & MAT 119 (≥B-) CIT 371 & CIT 383	3 3		
CSC 301	Web Programming	INF/CSC 260 or CIT 383 & INF 286 & INF 282	3		
CIT 436	Web Server Administration	INF 286 & CIT 371	3		

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CIT 472	Database Administration	INF/CSC 260 or CIT 383 & INF 282 & CIT 271	3		
CIT 3xx-4xx OR			3		
CSC 456	Advanced Web Application Dev.	CSC 301 & CSC 360	3		

NETWORK AND SECURITY TRACK (21 Hours)					
Course		Pre-req	Credits	Term	Grade
CIT 380 / 480	Securing Computer Systems	CIT 371	3		
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 480 & CIT 447	3		
CIT 3xx-4xx			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. Please consult with your advisor and the appropriate University Course Catalog for all other degree requirements.