



**Bachelor of Science in:  
Business Information Systems**

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

BIS 101 Completed

<b>Name:</b>
<b>Student ID:</b>
<b>Catalog Year:</b>

Version 1.1

PRE-MAJOR COURSES (30 Hours)						OFFICE USE ONLY
Course	Pre-req	Credits	Term	Grade	Approved Exceptions	
ACC 200**	Principles of Accounting - Financial	Sophomore Standing & BIS 101 & College Level Math	3			
ACC 201**	Principles of Accounting - Managerial	ACC 200 & Sophomore Standing	3			
BUS 230**	Legal Environment	Sophomore Standing	3			
ECO 200**	Principles of Macroeconomics	Sophomore Standing & College Level Math	3			
ECO 201**	Principles of Microeconomics	Sophomore Standing & College Level Math	3			
ENG 101	College Writing	ACT ≥ 18, SAT ≥ 430, Placement, ENGD090, or ENGI099	3			
ENG 291	Advanced College Writing	ENG 101 & Sophomore Standing	3			
CMST101 OR CMST110	Public Speaking  Intro to Communication Studies		3			
MAT 114	Finite Mathematics	MAT 109	3			
STA 212	Statistics for Business Applications I	MAD095, MAHD099, or Placement	3			<b>STA 205 per FB</b>

Date Pre-Major Completed with no grade lower than a C- and a Minimum 2.5 GPA: \_\_\_\_\_

Pre-Major GPA:

INFORMATION SYSTEMS CORE COURSES (39 Hours)						OFFICE USE ONLY
Course	Pre-req	Credits	Term	Grade	Approved Exceptions	
BIS 380	Quantitative Analysis with Excel	BIS 101 & ACC 200 & STA 212	3			
MGT 300	Behavior in Organizations	Junior Standing	3			
MGT 490	Business Policy	MGT 300, FIN 305, MGT 305, MKT 205 & Senior Standing	3			
BUS 330	Ethics: Managerial Decision Making	BUS 230 & Junior Standing	3			
ECO 305	International Context for Business	Certified Major	3			
INF 110	Introduction to Application Development		3			<b>INF 120 per FB</b>
INF 282	Introduction to Databases	MAHD099	3			
INF 284	Introduction to Networks & Data Communication	MAT 109 & INF 110 or INF 120 or CIT 130	3			
INF 286	Introduction to Web Development	MAT 109 & INF 110 or INF 120	3			
BIS 305	Advanced Business Programming	INF 110 or INF 120	3			
BIS 310	Information Systems Analysis	INF 110 or INF 120	3			
BIS 330	IT Project Management	Junior Standing	3			

BIS 485	Strategic Information Systems Management	Certified Major, COI Major, or BIS Minor	3			
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ELECTIVE COURSES - SEE TRACKS BELOW (9 Hours)				
Course	Pre-req	Credits	Term	Grade
BIS 3xx-4xx		3		
BIS 3xx-4xx		3		
BIS 3xx-4xx		3		

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TRACKS	
Track Name	Courses
<b>Business Analytics</b>	BIS 364 Visualizing Data for Analysis
	BIS 384 - Business Analytics
	BIS 420 - Business Intelligence and Enterprise
<b>Information Assurance</b>	BIS 382 - Principles of Information Security
	ACC 310 - Accounting Information Systems
	ACC 330 - Fraud Examination
<b>Computer Security</b>	CIT 371 Unix Systems
	CIT 480 - Securing Computer Systems
	<i>And pick one from</i>
	CIT 430 - Computer Forensics
	CIT 481 - Cybersecurity capstone
<b>Collaboration Systems</b>	BIS 373 - Collaboration Systems Development with Sharepoint
	<i>And pick two from</i>
	CMST303 - Organizational Communication
	CMST355 - Communication and Conflict
<b>Healthcare Information Systems</b>	HIN 355 - Introduction to Health Informatics
	HIN 356 - Health Information Management
	HIN 396 - Applied Health Informatics
<b>Non-Specific</b>	See list of courses in 2016-17 catalog

REMAINING BUSINESS MINOR COURSES (12 Hours plus **Pre-major courses)				
Course	Pre-req	Credits	Term	Grade
FIN 305	Principles of Finance	STA 205 or STA 212 & ACC 200, ACC 201, & Junior Standing	3	
BIS 300	Management Information Systems	Junior standing, STA 212 or STA 205 or STA 250 or BIS 275 & BIS 101 or equivalent transfer work or placement.	3	
MGT 305	Operations Management in Business	STA 205 or STA 212 & MAT 114 & Junior Standing	3	
MKT 205	Principles of Marketing	Sophomore Standing	3	

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Students must earn a grade of C- or better in all courses that apply to the Major and Minor and earn and Major and Minor GPA of 2.00 or higher. Please consult with your advisor and the appropriate University Course Catalog for all other degree requirements.