



Bachelor of Science in:
Business Information Systems
For Students Following the: 2018-2019 & 2019-2020 catalog

Name:
Student ID:
Catalog Year:

BIS 101 Completed

PRE-MAJOR COURSES (31 Hours)					
Course	Pre-req	Credits	Term	Grade	
ACC 200**	Principles of Accounting I - Financial	Sophomore Standing & BIS 101 & College Level Math & ACC 200L Co-req	3		
ACC 200L**	Financial Accounting Lab	ACC 200 Co-Req	1		
ACC 201**	Principles of Accounting II - Managerial	ACC 200 & Sophomore Standing & MAT 114	3		
BUS 230**	Legal Environment	Sophomore Standing	3		
ECO 200**	Principles of Macroeconomics	College Level Math	3		
ECO 201**	Principles of Microeconomics	College Level Math	3		
ENG 101	College Writing		3		
ENG 102	Advanced College Writing	ENG 101	3		
CMST101 OR CMST110	Public Speaking Intro to Communication Studies		3 3		
MAT 114	Finite Mathematics	MAT 102 or placement	3		
STA 205 / STA 205R	Statistical Methods/ Statistical Methods with Recitation	MAT 101 or placement & ENG101R or RDG110 or placement	3		

OFFICE USE ONLY
Approved Exceptions
Successful ACC 200 CLEP
Successful BUS 230 CLEP
Successful ECO 200 CLEP
Successful ECO 201 CLEP
Successful ENG 101 CLEP
Successful STA 205 DSST

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

COURSES IN BUSINESS (23 Hours)					
Course	Pre-req	Credits	Term	Grade	
BIS 380	Quantitative Analysis with Excel	BIS 300 & STA 205 or STA 205R or STA 250	3		
MGT 300	Behavior in Organizations	Junior Standing	3		
MGT 490	Business Policy	MGT 300, FIN 305, MGT 305, MKT 205 or MKT 305, Senior Standing, & Certified Major	3		
BIS 300**	Management Information Systems	Junior standing or BUS 101 or BIS 275 and STA 212 or STA 205 or STA 250 and INF 101 or BIS 101 or Department Permission	3		
FIN 305**	Principles of Finance	ACC 200 & ACC 201, & STA 205 & Junior Standing	3		
MGT 305**	Operations Management in Business	MAT 103 or placement & STA 205 & Junior Standing	3		
MKT 205**	Principles of Marketing	Sophomore Standing	3		

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Successful BIS 300 DSST
Successful MKT 205 CLEP

COURSES IN INFORMATICS (12 Hours)					
Course	Pre-req	Credits	Term	Grade	
INF 110 OR INF 120	Introduction to Application Development Elementary Programming	MAT 102 or placement	3 3		
INF 282	Introduction to Databases	MAT 102 (≥ C)	3		
INF 284 OR CIT 285	Introduction to Computer Networks Cybersecurity Fundamentals	MAT 103 & INF 110 or INF 120 or CIT 130 CIT 130 & INF 284 or CIT 247	3 3		

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Successful INF 120 CPLE

INF 286	Introduction to Web Development	MAT 103 & INF 110 or INF 120 or CSC 260	3		
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Successful INF 286 CPLE

COURSES IN BUSINESS INFORMATION SYSTEMS (21 Hours)					
Course	Pre-req	Credits	Term	Grade	
BIS 305	Advanced Business Programming	INF 110 or INF 120	3		
BIS 310	Systems Analysis and Design	INF 110 or INF 120 & BIS 300 & Junior Standing	3		
BIS 330	IT Project Management	BIS 275 or BIS 300	3		
BIS 364	Visualizing Data for Business Analysis	INF 282 & STA 205 or STA 205R or STA 250	3		
BIS 382 OR	Principles of Information Security	BIS 300	3		
HIN 382	Healthcare Information Security & Privacy	HIN 355	3		
BIS 430	Business Process Analysis	BIS 300, Junior Standing, Certified BI major or Department Permission	3		
BIS 485	Strategic Information Systems Management	BIS 310, BIS 330, FIN 305, MGT 305, MKT 205; certified business or COI major or minor or Department Permission	3		

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GUIDED ELECTIVES (6 - 9 HOURS)					
Select one of the tracks below or any two courses from the non-specific category					
Course	Pre-req	Credits	Term	Grade	
BIS 3xx-4xx		3			
BIS 3xx-4xx		3			

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TRACKS	
Track Name	Courses
Business Analytics (6 credits)	BIS 384 - Business Analytics BIS 420 - Business Intelligence and Enterprise Applications
Information Assurance (6 credits) <i>Note: BIS 382 must be the selected option in the Business Information Systems Core</i>	ACC 310 - Accounting Information Systems ACC 330 - Fraud Examination
Computer Security (6 credits) <i>Note: BIS 382 must be the selected option in the Business Information Systems Core</i>	CIT 371 - Unix Systems Select one of the following courses: CIT 430 - Computer Forensics CIT 480 - Securing Computer Systems CIT 481 - Cybersecurity Capstone
Collaboration Systems (9 credits)	BIS 373 - Collaboration Systems with SharePoint Select two of the following courses: CMST381 - Computer-Mediated Communication CMST303 - Organizational Communication CMST335 - Communication and Conflict
Healthcare Information Systems (6 credits) <i>Note: HIN 382 must be the selected option in the Business Information Systems Core</i>	HIN 355 - Foundations of Health Informatics HIN 356 - Health Information Management
Non-Specific (6 credits)	BIS 373 - Collaboration Systems with SharePoint BIS 384 - Business Analytics BIS 394 - Topics: Information Systems BIS 396 - Applied Business Informatics BIS 397 - Information Systems Projects BIS 402 - Programming for E-Business BIS 420 - Business Intelligence and Enterprise Applications BIS 435 - Database Management Systems BIS 440 - Global Information Technology Management BIS 494 - Topics: Information Systems

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.