



**Bachelor of Science in:
Health Informatics**

**For Students Following the:
2019-2020 catalog**

Name:
Student ID:
Catalog Year:

SUPPORT COURSE (3 Hours)					
Course	Pre-req	Credits	Term	Grade	
STA 205	Statistical Methods	MAT 101 and ENG 101R or RDG 110 or placement	3		
OR STA 205R	Statistical Methods with Recitation		3		
OR STA 250	Probability and Statistics I	MAT 129 or Co-req MAT 227	3		

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Approved Exceptions
Successful Completion of STA 205 DSST

CORE COURSES (52 Hours)					
Course	Pre-req	Credits	Term	Grade	
BIO 208 w/ BIO 208L	Human Anatomy and Physiology I and Laboratory	Composit ACT of 19 or any college biology or chemistry course with a C- or better BIO 208L (co-req)	4		
BIO 272	Medical and Biological Terminology	BIO 208 or BIO 150	3		
BIS 101	Fundamentals of Business Computing		3		
BIS 111	Problem Solving and Creativity		3		
BIS 275	Introduction to Business Analysis		3		
BIS 300	Management Information Systems	Junior Standing or BUS 101 or BIS 275 & STA 212 or STA 205 or STA 205R or STA 250 & BIS 101, or BI department permisson	3		
BIS 310	Systems Analysis and Design	Junior Standing & BIS 300, & INF 110 or INF 120	3		
BIS 330	IT Project Management	BIS 275 or BIS 300	3		
BIS 380	Quantitative Analysis with Excel	BIS 300 & STA 205 or STA 205R or STA 250	3		
BIS 384	Business Analytics	BIS 380 or DSC 311	3		
BIS 430	Business Process Analysis	BIS 300; Junior Standing; Certified Business or COI Major or Minor or BI Dept. Permission	3		
BIS 435	Database Management Systems	Junior Standing & INF 282	3		
CMST 403	Health Communication	CMST101 or CMST110	3		
INF 110	Introduction to Application Development		3		
INF 128	Principles of Informatics		3		
INF 282	Introduction to Databases	MAT 102 (≥ C)	3		
INF 284	Introduction to Computer Networks	MAT 103 & INF 110 or INF 120 or CIT 130	3		

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Successful BIS 101 DSST Exam
Successful BIS 300 DSST

HIN MAJOR COURSES (22 Hours)					
Course	Pre-req	Credits	Term	Grade	
HIN 101	Introduction to Health Informatics		1		
HIN 200	Introduction to Healthcare Operations		3		
HIN 275	Information Management and Revenue Cycle		3		
HIN 355	Foundations of Health Informatics	45 earned credit hours	3		
HIN 356	Health Information Management	HIN 355	3		
HIN 382	Healthcare Information Security and Privacy	HIN 355	3		
HIN 450	Quality Management in Healthcare	HIN 275	3		
HIN 485	Health Informatics Capstone	Senior Standing & Department Consent	3		

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ELECTIVES - Choose Three (9 Hours):					
Course	Pre-req	Credits	Term	Grade	
BIS 305	Advanced Business Programming	INF 110 or INF 120	3		
BIS 364	Visualizing Data for Business Analysis	INF 282 & STA 205 or STA 205R or STA 250	3		
BIS 373	Collaboration Systems with SharePoint	BIS 300 & Sophomore Standing or BI Dept. Permission	3		
BIS 394	Topics: Information Systems	Department Permission	3		
BIS 420	Business Intelligence & Enterprise Applications	BIS 300; & Junior Standing & Certified BUS or COI Major or Minor or BI Department Permission	3		
HIN 392	Directed Research in Health Informatics	Department Permission	1-3		
HIN 396	Applied Health Informatics	Department Permission	1-3		
HIN 397	Health Informatics Project	Junior Standing	1-3		

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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.