

**Bachelor of Science in:**

**2013-2014 catalog**

**2014-2015 catalog**

**2015-2016 catalog**



CSC 260	Object-Oriented Programming I	MAT 109 & INF 110 or INF 120	3
CSC 360	Object-Oriented Programming II	CSC/INF 260 & MAT 119 ( $\geq$ B-)	3
CSC 364	Data Structures and Algorithms	CSC 360	3
CSC 450	Database Management Systems	CSC 360 & INF 282	3
CSC 3xx - 4xx	(Guided Elective)	Variable	3

**OFFICE USE ONLY**

		Pre-req	Credits	Term	Grade	Approved Exceptions
DSC 101	Introduction to Data Science	DSC Major	1			
DSC 311	Data Analytics	CSC 360 & STA 250	3			
DSC 321	Data Visualization	DSC 311	3			
DSC 411	Data Mining	CSC 364 & STA 250	3			
DSC 421	Big Data	DSC 411 & CSC 450	3			
DSC 496	Data Science Capstone	BIS 330 & DCS 321 & DSC 411	3			

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		Pre-req	Credits	Term	Grade	Approved Exceptions
BIS 310	Information Systems Analysis	INF 110 or INF 120	3			
BIS 382	Principles of Information Security	BIS 300	3			
BIS 420	Business Intelligence & Enterprise Applications	Junior Standing & Certified Major in BIS or Department Consent	3			
CSC 301	Web Programming	INF/CSC 260 or CIT 383 & INF 286 & INF 282	3			
CSC 362	Computer Systems	CSC 360	3			
CSC 402	Advanced Programming Methods	CSC 362 & CSC 364	3			
CSC 425	Artificial Intelligence	CSC 364	3			
CSC 464	Design & Analysis of Algorithms	CSC 364 & MAT 385				