

Bachelor of Science in: Data Science

2017-2018 catalog

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							Approved Exceptions
		Pre-req	Credits	Term	Grade		
MAT 128	Calculus A	MAT 119 (B-)	3				
MAT 227	Calculus B	MAT 128	3				
MAT 228	Calculus C	MAT 227	3				
MAT 129	Calculus I	MAT 119 (B-)	4				Successful MAT 129 CLEP Exam
MAT 229	Calculus II	MAT 129 or MAT 227	5				
MAT 234	Linear Algebra	MAT 228 or MAT 229	3				
STA 250	Probability and Statistics I	MAT 129 or Co-req MAT 227	3				
STA 341	Statistics II	STA 250	3				
ECO 201	Principles of Microeconomics	Completion of one college-level MAT course	3				Successful ECO 201 CLEP Exam

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INF 120	Elementary Programming (or placement)	MAHD099	3				Successful INF 120 CPLE
INF 128	Principles of Informatics						



DSC 101	Introductation to Data Science	Declared DSC Major	1
DSC 311	Data Analytics	STA 250 & BIS 305, CIT 383, CSC 260, CSC 270, EGT 267, or STA 360	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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BIS 310	Information Systems Analysis	INF 110 or INF 120 & Junior Standing	3			
BIS 382	Principles of Information Security	BIS 300 or equivalent	3			
BIS 420	Business Intelligence & Enterprise Applications	Junior Standing & Certified Major in BIS or Department Consent	3			
CSC 301	Web Programming	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						