

FRESHMAN

Freshman Fall (15 hrs.)			Cr.	Semester/Grade/Course ID	Freshman Spring (16 hrs.)			Cr.	Semester/Grade/Course ID
Common Core Requirements					Common Core Requirements				
BIBL 1013	Introduction to Christian Scripture	3			BIBL 1023	Christian Theology & Ethics	3		
ENGL 1153	English Composition: Exposition & Argument	3			ENGL 1163	English: Composition & Classical Literature	3		
MATH 2204	Calculus I	4			Major Requirements				
PHED 1001	Wellness Lifestyle	1			BSAD 2013	Tech Systems, Coms, & Project Management	3		
Major Requirements					MATH 2103	Discrete Mathematics	3		
CIS 1001	Foundations of Computer Science (elec)	1			MATH 2214	Calculus II	4		
CIS 1703	Introduction to Programming	3							

SOPHOMORE

Sophomore Fall (16 hrs.)			Cr.	Semester/Grade/Course ID	Sophomore Spring (15 hrs.)			Cr.	Semester/Grade/Course ID
Common Core Requirements					Common Core Requirements				
ENGL 2013	European Civilization: Literature	3			ENGL 2023	Modern West: Literature	3		
HIST 2013	European Civilization: History	3			HIST 2023	Modern West: History	3		
Supportive Core Requirements					Supportive Core Requirements				
ECON 2013	Principles of Economics: Macro	3			ECON 2023	Principles of Economics: Micro	3		
Major Requirements					Major Requirements				
MATH 2224	Calculus III	4			CIS 3103	Intro to Database Systems (even yr) Elective (odd yr)	3		
MATH 3503	Computational Statistics	3			MATH 3013	Intro to Probability & Statics (even yr)	3		
					MATH 4183	Numerical Analysis (odd yr)			

JUNIOR

Junior Fall (15 hrs.)			Cr.	Semester/Grade/Course ID	Junior Spring (15 hrs.)			Cr.	Semester/Grade/Course ID
Common Core Requirements					Major Requirements				
FNAR 2063 or PHIL 1043	Arts & Western Culture Introduction to Philosophy	3			CIS 3103	Intro to Database Systems (even yr) Elective (odd yr)	3		
Major Requirements					CIS 3733	Cloud Computing (odd yr)	3		
CIS 3803	Introduction to Data Science	3			CIS 4413	Machine Learning (even yr)	3		
MATH 3203	Linear Algebra (even yr)	3			MATH 3013	Intro to Probability & Statics (even yr)	3		
MATH 4113	Hist. & Foundations of Math. (odd yr)	3			MATH 4183	Numerical Analysis (odd yr)			
MATH 3243	Differential Equations	3				Mathematics Option	3		
MGMT 3203	Introduction to Management	3				Elective	3		

SENIOR

Senior Fall (13 hrs.)			Cr.	Semester/Grade/Course ID	Senior Spring (15-16 hrs.)			Cr.	Semester/Grade/Course ID
Common Core Requirements					Major Requirements				
	Lab Science Course	4			CIS 4203	Software Development Project II	3		
Major Requirements					CIS 3733	Cloud Computing (odd yr)	3		
CIS 4103	Software Development Project I	3			CIS 4413	Machine Learning (even yr)	3		
MATH 3203	Linear Algebra (even yr)	3			MATH 4409	Senior Mathematics Seminar	0-1		
MATH 4113	Hist. & Foundations of Math. (odd yr)	3				Mathematics Option	3		
MGMT 3453	Project Management	3				Mathematics Option	3		
						Elective	3		

Mathematics Options - Select 1

- MATH 4103 Introduction to Real Analysis (spring even)
- MATH 4133 Introduction to Modern Algebra (spring odd)

Mathematics Options - Select 2

- MATH 3133 Modern Geometry (spring even)
- MATH 3979 Cooperative Work Experience
- MATH 4103 Introduction to Real Analysis (spring even)
- MATH 4123 Introduction to Complex Variables (on demand)
- MATH 4133 Introduction to Modern Algebra (spring odd)
- MATH 4143 Applied Cryptography (spring odd)