

FRESHMAN

Freshman Fall (16 hrs.)			Cr.	Semester/Grade/Course ID	Freshman Spring (14 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		
CHEM 1105	General Chemistry I	5			PHED 1001	The Wellness Lifestyle	1		
MATH 2204	Calculus I	4				Philosophy/Fine Arts Option	3		
Major Requirements					Major Requirements				
GNSC 1201	Cornerstone of Science	1			MATH 2214	Calculus II	4		

SOPHOMORE

Sophomore Fall (15 hrs.)			Cr.	Semester/Grade/Course ID	Sophomore Spring (16 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		
Major Requirements					Supportive Core Requirements				
GNSC 1001	Computing for Science I	1				Supportive Core Options	3		
MATH 2224	Calculus III	4			Major Requirements				
PHYS 2514	University Physics I	4			PHYS 2524	University Physics II	4		
					PHYS 2533	University Physics III	3		

JUNIOR

Junior Fall (15 hrs.)			Cr.	Semester/Grade/Course ID	Junior Spring (15 hrs.)			Cr.	Semester/Grade/Course ID
Major Requirements					Major Requirements				
MATH 3243	Differential Equations	3			PHYS 3023	Thermodynamics & Statistical Mech (odd)	3		
PHYS 3013	Classical Mechanics (even)	3			PHYS 4023	Advanced Laboratory II (even)			
PHYS 3153	Modern Physics I (odd)					Physics Options	3		
PHYS 4333	Electricity and Magnetism I (even)	3				Physics Options	3		
PHYS 3823	Quantum Mechanics I (odd)	3				Elective	3		
MATH	Physics Options (even)	3				Elective	3		
PHYS 4013	Advanced Laboratory I (odd)								
	Elective	3							

SENIOR

Senior Fall (15 hrs.)			Cr.	Semester/Grade/Course ID	Senior Spring (14 hrs.)			Cr.	Semester/Grade/Course ID
Supportive Core Requirements					Major Requirements				
	Supportive Core Options	3			GNSC 4951	Science Capstone	1		
Major Requirements					PHYS 3023	Thermodynamics & Statistical Mech. (odd)	3		
CIS 1703	Introduction to Programming (Python)	3			PHYS 4023	Advanced Laboratory II (even)			
PHYS 3013	Classical Mechanics (even)	3				Physics Options	3		
PHYS 3153	Modern Physics I (odd)					Elective	7		
PHYS 4333	Electricity and Magnetism I (even)	3							
PHYS 3823	Quantum Mechanics I (odd)	3							
MATH	Physics Options (even)	3							
PHYS 4013	Advanced Laboratory I (odd)								

Supportive Core Options - Select 2

- Communication Course
- Criminal Justice Course
- Economics Course
- English Course
- Family Science Course
- Fine Arts Course
- History Course
- Philosophy Course
- Political Science Course
- Psychology Course
- Sociology Course
- World Language Course

Physics Options - Select 1

- MATH 3203 Linear Algebra (fall even)
- MATH 3513 Advanced Mathematical Engineering

Physics Options - Select 9 Hours

- Select at least 9 credits from BIOL, CHEM, CIS, ENGR, GNSC, MATH, or PHYS courses numbered 3000 or higher. Courses should be selected in consultation with the academic advisor.