

Third Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AHSS 111	Introduction to Global Citizenship and Diversity		3		
GEOG 210	World Regional Geography (SGR #3)	SGR #3 satisfies by coursework from 2 different disciplines	3		
PHIL 200	Introduction to Logic (SGR #4)	SGR #4 satisfies by coursework from 2 different disciplines or 1 modern language sequence	3-4		
PHYS 451	Classical Mechanics	p. MATH 321 and 225	4	F	
Total Credit Hours			14-15		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
PHYS 421	Electromagnetism	p. MATH 321 and 225	4	S	
Physical Major Directed Electives		Select from approved by advisor	3		
Physical Major Technical Electives		Select from approved courses	1		n448 517.14 Tm0 G

Third Year**Fall**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
BIOL 151-151L	General Biology I and Lab		4		
PHYS 316-316L	Measurement Theory and Lab	p. PHYS 213-213L or PHYS 113-113L	2	F	
PHYS 451	Classical Mechanics	p. MATH 321 and 225	4	F	
SGR #3	Social Sciences/Diversity	SGR #3 satisfies by coursework from 2 different disciplines	6		
Total Credit Hours			16		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
BIOL 153-153L	General Biology II and Lab	p. BIOL 151-151L	4		
CSC 150	Computer Science I	p. MATH 114	3		
PHYS 318	Advanced Lab I	p. PHYS 316-316L	2	S	
PHYS 421	Electromagnetism	p. MATH 321 and 225	4	S	
PHYS 433 or NE 435	Nuclear and Elementary Particle or Introduction to Nuclear Engineering	p. PHYS 331 or PHYS 471 p. PHYS 331	3	S-odd	
Total Credit Hours			16		

Fourth Year**Fall**

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BIOL 221-221L	Human Anatomy and Lab	Sophomore Standing	4		
CHEM 326-326L	Organic Chemistry I and Lab	p. CHEM 114-114L	4		
PHYS 341	Thermodynamics	p. MATH 225	2	F	
PHYS 343	Statistical Physics	p. MATH 321	2	F	
STAT 381	Introduction to Probability and Statistics	p. MATH 125	3		
Total Credit Hours			15		

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BIOL 325-325L	Physiology and Lab	p. BIO 221			

