

THIRD YEAR

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
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Information Subject to Change. This is not a contract.

p. = Course Prerequisite c. = Course Corequisite
Semester F = Fall, S = Spring, SU = Summer
odd (even) = odd (even) year of

Bachelor of Science

Major: Physics – Health and Medical Physics Emphasis

2024-2025 Sample 4-Year Plan

Total Degree Requirements: 120 credits

Student _____ Student ID# _____ Student Phone # _____
 Advisor _____ Minimum GPA 2.00 Minor/Career Interest(s) _____

Students are not limited to this plan; it is meant to be used as a guide for planning purposes in consultation with your advisor. This sample schedule is one possible path to completing your degree within four years. For official program requirements, please refer to the [Undergraduate Catalog](#).

*FIRST YEAR

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
BIOL 151/151L	General Biology I and Lab		4		
CHEM 112/112L	General Chemistry I and Lab	c. MATH 114 or higher	4	F	
MATH 123	Calculus I (SGR #5)	p. Placement	4		
PHYS 119	First Year Seminar in Physics		1	F	
SGR #1	Written Communication	ENGL 101 Recommended	3		
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		
CHEM 114/114L	General Chemistry II and Lab	p. CHEM 112/112L and MATH 114	4	S	
MATH 125	Calculus II	p. MATH 123	4		
SGR #1	Written Communication	ENGL 201 OR ENGL 277 Recommended p. ENGL 101	3		
Total Credit Hours			15		

SECOND YEAR

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
MATH 225	Calculus III	p. MATH 125	4		
*PHYS 211/211L	University Physics I and Lab (SGR #6)	p. MATH 123	5	F	
SGR #3	Social Sciences (from two different disciplines)	See list in catalog	3		
SGR #4	Arts and Humanities (from two different disciplines or a sequence of foreign language)	See list in catalog	3		
Total Credit Hours			15		

Students are eligible to petition for a MATH 123 and PHYS 211/L concurrent enrollment if they qualify for MATH 123 placement and want to take PHYS 211/L in the first year rather than the second year

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
PHYS 213/213L	University Physics II and Lab (SGR #6)	p. PHYS 211/L and MATH 123	5	S	
EE 216/L	Linear Circuits I and Lab	c. MATH 125	4	S	
SGR #4	Arts and Humanities (from two different disciplines or a sequence of a foreign language)	See list in catalog	3		
MATH 321	Differential Equations	p. MATH 125	3		
Total Credit Hours			15		

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THIRD YEAR

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
PHYS 316	Measurement Theory and Lab	p. PHYS 213/213L or PHYS 113/113L	2	F	
PHYS 331	Introduction to Modern Physics				

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