

B. S. Physics 4-Year Planning Sheet

Freshman Year			
	15 s.h.	Spring	15 s.h.
Fall			
College Composition I [COML]	3	College Composition II [COML]	3
Calculus I—MATH [NPC+QNTL]	4	Calculus II	4
Intro Mechanics [SCIL]	4	Intro TFWO	4
Elective [ARTL/GLBL/LIT]	3	Programming course [NPC]	4
Building Momentum Physics [RS]	1		

Sophomore Year			
	15 s.h.	Spring	14 s.h.
Fall			
Intro E&M	4	Modern Physics	4
Calculus III	4	Diff. Eq. <i>or</i> Math Methods Physics	3
Lin. Alg. <i>or</i> Restr Elective	3	Public Speaking [COML]	3
Approved Science Sequence I [NPC]	4	Approved Science Sequence II [NPC]	4

Junior Year			
	15 s.h.	Spring	14 s.h.
Fall			
Physics Research Methods I	2	Physics Research Methods II	2
Any 1 of:	4	Any 2 of:	8
Analytical Mechanics		Quantum Mechanics I	
Electricity & Magnetism I		Electricity & Magnetism I	
Quantum Mechanics I		Analytical Mechanics	
Phil. of Science [NPC+HUML+WI]	3	Elective [ARTL/GLBL/LIT]	3
Elective [ARTL/GLBL/LIT]	3	Free Elective	1
Free Elective	3		

Senior Year			
	16 s.h.	Spring	16 s.h.
Fall			
Any 1 of:	3	Any 1 of:	3
Statistical Physics		Restricted Elective	
Restricted Elective		Statistical Physics	
Restricted Elective	4	Restricted Elective	4
Free Elective	3	Free Elective	3
Free Elective	3	Free Elective	3
Free Elective	3	Free Elective	3

A Possible Physics Major Program For Junior Year Transfers

It is assumed that you will transfer in the equivalent of: a non-physics, two-course Science Sequence, Intro Mechanics, Intro E&M, Calculus I, II, and III, Linear Algebra, Differential Equations, College Comp I and II, plus additional courses that will fulfill Free Elective courses, to a total of about 60 s.h. that were taken at your initial institution during the Freshman and Sophomore years.

Junior Year			
Fall	16 s.h.	Spring	16 s.h.
Restricted Elective	3	Physics Research Methods I	2
Modern Physics	4	Any 2 of:	8
		Quantum Mechanics I	
		Electricity & Magnetism I	
		Analytical Mechanics	
Intro TFWO	4	Elective [ARTL/GLBL/LIT]	3
Programming course [NPC]	4	Public Speaking [COML]	3
Building Momentum Physics	1		

Senior Year			
Fall	16 s.h.	Spring	13 s.h.
Physics Research Methods II	2	Statistical Physics	3
Any 1 of:	4		
Analytical Mechanics			
Electricity & Magnetism I			
Quantum Mechanics I			
Restricted Elective	4	Restricted Elective	4
Elective [ARTL/GLBL/LIT]	3	Elective [ARTL/GLBL/LIT]	3
Phil. of Science [NPC+HUML+WI]	3	Free Elective	3