



**DRURY UNIVERSITY** **Physics Major: Life**  
**Sample 4-Year Plan**

<b>FIRST YEAR</b>	Fall Term		Spring Term		Summer Term	
	Course	Hours	Course	Hours	Course	Hours
All first-year entering students take FUSE101 in the fall semester and FUSE 102 in the spring semester.	FUSE 101 Frontiers	3	FUSE 102 Intersections	3		
	PHYS 211 General Physics I	5	PHYS 212 General Physics II	5		
	MATH 231 Calculus I	4	MATH 232 Calculus II	4		
	CSCI 251 Intro to Computer Science	4	CHEM 121 or 131w/L	5		
<b>Total Hours</b>	<b>16</b>	<b>Total Hours</b>	<b>17</b>	<b>Total Hours</b>		

All Physics courses after PHYS 212 are offered every other year. PHYS 442 will be offered the semester after PHYS 309.

<b>SOPHOMORE</b>	Fall Term		Spring Term		Summer Term	
	Course	Hours	Course	Hours	Course	Hours
If you are planning to attend graduate school AND planning to study abroad, it is optimal to study abroad during the summer term following either the sophomore or junior year.	MATH 233 Calculus III	4	MATH 366 Differential Equations	3		
	PHYS 213 Magnetism, Waves & Optics	3	PHYS 309 Modern Physics	5		
	or PHYS 350 Intermediate Mechanics	3	or PHYS elective	3		
<b>Total Hours</b>	<b>7</b>	<b>Total Hours</b>	<b>6-8</b>	<b>Total Hours</b>		

<b>JUNIOR</b>	Fall Term		Spring Term		Summer Term	
	Course	Hours	Course	Hours	Course	Hou
Students must officially declare a major by the time 60 hours are completed in order to continue registering.	PHYS 213 Magnetism, Waves & Optics	3	PHYS 309 Modern Physics	5		
	or PHYS 411 Electricity & Magnetism I	3	or PHYS elective	3		
<b>Total Hours</b>	<b>3</b>	<b>Total Hours</b>	<b>3-5</b>	<b>Total Hours</b>		

<b>SENIOR</b>	Fall Term		Spring Term		Summer Term	
	Course	Hour	Course	Hours	Course	Hours
Expectant graduates must apply for graduation and meet with a representative in the Registrar's Office the semester prior to graduation.	PHYS 442 Quantum Physics	3	PHYS elective	3		
	PHYS 350 Intermediate Mechanics	3	PHYS 381/391 Research	3		
	or PHYS 411 Electricity & Magnetism I	3	or PHYS 397 Internship	3		
<b>Total Hours</b>	<b>6</b>	<b>Total Hours</b>	<b>6</b>	<b>Total Hours</b>		