

# BA in Physics (EP) 4 year sample plan

revised 8/23/19

	<u>Fall</u>		<u>Spring</u>				
<b>yr.1</b>	<b>Course</b>	<b>CR</b>	<b>Course</b>	<b>CR</b>			
	PH135/L - Physics 1 + Lab	5	PH136/L - Physics 2 + Lab	5			
	MT135 - Calc & Analytic Geometry I	4	MT136 - Calc & Analytic Geometry II	4			
	CORE	6	CORE	6			
	<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>15</b>			
<b>yr.2</b>	PH246 - Modern Physics	3	EP260/L - Electronics Circuits + Lab	4			
	PH348 - Physics Seminar I	0	EP217 - Math Methods for PH&EP	3			
	MT233 - Calc + Analytic Geometry III	4	PH247 - Modern Physics Laboratory	1			
	CORE (QA)	3	CORE	7			
	free elective(s)	3+					
	<b>TOTAL</b>	<b>13+</b>	<b>TOTAL</b>	<b>15</b>			
<b>yr.3</b>	*EP451/L OR **PH 365/L	4	*PH315/L OR **PH 445/L	4			
	PH347 - Advanced Laboratory	2	CORE	6			
	PH349 - Physics Seminar II	0	free elective(s)	3+			
	CORE	6					
	free elective(s)	3+	<b>TOTAL</b>	<b>13+</b>			
<b>TOTAL</b>	<b>15+</b>	<b>TOTAL</b>	<b>13+</b>				
<b>yr.4</b>	^major elective	3+	^major elective	3+			
	PH407 - Senior Research or Design	2	CORE	6			
	CORE	6	free elective(s)	6+			
	free elective(s)	3+					
	<b>TOTAL</b>	<b>14+</b>	<b>TOTAL</b>	<b>15+</b>			
<p>* offered odd years only  ** offered even years only  ^ 3XX or 4XX level, approved by the department</p>		<p>PH 315/L - Classical Mechanics w/ workshop  PH 365/L - Electricity &amp; Magnetism w/ workshop  PH 445/L - Quantum Mechanics w/ workshop  EP 451/L - Numerical Physics w/ workshop</p>					
<table border="1"> <tr><td>major requirement</td></tr> <tr><td>major support course</td></tr> <tr><td>CORE</td></tr> </table>		major requirement	major support course	CORE	<b>overall total</b>	<b>120+</b>	
major requirement							
major support course							
CORE							