

BA in Physics (PH) 4 year sample plan

revised 5/27/22

	<u>Fall</u>		<u>Spring</u>	
yr.1	Course	CR	Course	CR
	PH 135/L - Physics 1 + Lab	4	PH 136/L - Physics 2 + Lab	4
	MT 135 - Calc & Analytic Geometry I	4	MT 136 - Calc & Analytic Geometry II	4
	CORE	6	CORE	6
	TOTAL	14	TOTAL	14
yr.2	EP 235 - Eng. Phys. Applications	3	PH 246 - Modern Physics	3
	PH 348 - Physics Seminar I	0	EP 260/L or EP 251	3-4
	MT 233 - Calc + Analytic Geometry III	4	EP 217 or MT 234	3
	CORE	6	CORE	6
	free elective(s)	3		
	TOTAL	16	TOTAL	15-16
yr.3	*PH 315 OR **PH 445 (3rd or 4th yr)	3	*EP 325 OR **EP 365	3-4
	PH 349 - Physics Seminar II	0	EP 347 Eperimental Methods Lab	3
	CORE	6	CORE	4
	free electives	6	free elective(s)	3-6
	TOTAL	15	TOTAL	13-17
yr.4	^major elective	3-4	^major elective	3-4
	PH 407 - Senior Research or Design	2	CORE	6
	CORE	6	free elective(s)	6
	free elective	3		
	TOTAL	14-15	TOTAL	15-16
	* offered odd years only		EP 260/L - DC/AC Circuits + lab	
	** offered even years only		EP 251 - Computation in Phys. & Engineering	
	^ 3XX or 4XX level, approved by the department		PH 315 - Classical Mechanics	
	MT 234 - Intro to Differential Equation		EP 365 - Electricity & Magnetism	
	EP 217 - Math Methods for Phys. & Engineering		PH 445 - Quantum Physics	
			EP 325 - Thermodynamics	
	major requirement		minimum overall total	120
	major support course			
	CORE			

Notes: This is only a sample sequence of courses which will satisfy major requirements from the 22-23 Undergraduate Bulletin. Each individual student should work with a department faculty member to customize as necessary. The example layout of Core credits is for students required to take 46 credits of CORE, which includes 2 semesters of foreign language and 1 semester of written expression.

