

BS in Physics (PH) – Recommended Schedule – Even Years

Fall		Cr.	Spring	Cr.
Fresh. (10-11)	*PH 135 – Physics 1	4	*PH 136 – Physics 2	4
	*PH 135L	1	*PH 136L	1
	†MT 135 – Calculus 1	4	†MT 136 – Calculus 2	4
	EN 111	3	EN 112	3
	FYS	3	CO 100	2
			Core	3
		15	17	
Soph. (11-12)	*PH 246 – Modern Physics	3	*EP 217 – Mathematical Methods	3
	†MT 233 – Calculus 3	4	*EP 260 - Electronics	3
	†CH 141 or 151	4	*EP 260L	1
	†CH 143 or 153	1	*PH 247 – Modern Physics Lab	1
	Core	3	Core	3
			Core	3
		15	14	
Jun. (12-13)	*PH 347 – Advanced Lab	2	*PH 445 - Quantum	3
	*PH 365 – E & M	3	*PH 445L	1
	*PH 365L	1	#4XX - Technical Elective	3 or 4
	#PH 485 – Condensed Matter	3	Core	3
	Core	3	Core	3
		3		
		15	13/14	
Sen. (13-14)	*EP 451 – Numerical Physics	3	*PH 315 – Classical Mechanics	3
	*EP 451L	1	*PH 315L	1
	#PH 325 - Thermodynamics	3	*PH 408 – Senior Research/Design	2
	#PH 407 – Senior Research/Design	2	#4XX - Technical Elective	3 or 4
	Core	3	Core	3
		3	Core	3
		15	15/16	

* The Physics core. Required for all physics majors.

† Mathematics and Chemistry support courses required for all physics majors.

58 total credits. 41 credits of PH & EP plus 12 credits of MT & 5 credits of CH

Electives required for the PH degree. 14 – 16 credits.

Liberal Arts Core Curriculum (“Core”), 47 credits plus 10 credits from Division IV which are satisfied by the physics major.

Note: Students need an additional 7-9 credits of electives for the 128 credit graduation requirement. Students can take up to 18 credits per semester and it is possible to receive academic credit for summer research or internships.