BS in Interdisciplinary Physics (IP) – Even Years

Option A: With 18 credits of interdisciplinary electives.

	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	# Interdisciplinary Elective	3
	# Interdisciplinary Elective	3	# Interdisciplinary Elective-upper div.	3
	Core	3	Core	3
	Core	3	Core	3
		15		16
Sen. (13-14)	*EP 451 – Numerical Physics	3	*PH 315 – Classical Mechanics	3
	*EP 451L	1	*PH 315L	1
	# Interdisciplinary Elective	3	*PH 408 – Senior Research/ Design	2
	# Interdisciplinary Elective-upper div.	3	# Interdisciplinary Elective-upper div.	3
	Core	3	Core	3
	Core	3	Core	3
		16		15

*** 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 from BL, CH, MT, CS, PS, or the Boler School of Business. 18 credit hours, at least 9 of which must be upper division courses.

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 5 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.

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