

**BS in Interdisciplinary Physics (IP) – Odd Years**

**Option B:** With 24 credits of lower division courses. Selection designed for pre-medical students.

	Fall	Cr	Spring	Cr
Fresh. (9-10)	*PH 135 – Physics 1	3	*PH 136 – Physics 2	3
	*PH 135L	1	*PH 136L	1
	†MT 135 – Calculus 1	4	†MT 136 – Calculus 2	4
	†CH 141	4	#CH 142	4
	†CH 143	1	#CH 144	1
	FYS	3	Core	3
		<b>16</b>		<b>16</b>
Soph. (10-11)	*PH 246 – Modern Physics	3	*EP 217 – Mathematical Methods	3
	†MT 233	4	*PH 247 – Modern Physics Lab	1
	#CH 221	3	#CH 222	3
	#CH 223	1	#CH 224	1
	#BL 155	3	#BL 156	3
	#BL 157	1	#BL 158	1
	EN 111	3	EN 112	3
		CO 100	2	
		<b>18</b>		<b>17</b>
Jun. (11-12)	EP 451 – Numerical Physics	3	*EP 260 - Electronics	3
	EP 451L	1	*EP 260L	1
	#BL 213	4	*PH 315 – Classical Mechanics	3
	Foreign Language	3	*PH 315L	1
	Core	3	Foreign Language	3
	Core	3	Core	3
		<b>17</b>		<b>14</b>
Sen. (12-13)	*PH 347 -Advanced Lab	2	*PH 408 – Senior Research/ Design	2
	*PH 365 – E&M	3	*PH 445 - Quantum	3
	*PH 365L	1	*PH 445L	1
	Core	3	Core	3
	Core	3	Core	3
	Core	3	Core	3
		<b>15</b>		<b>15</b>

\* 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

# Possible IP electives (24 BL/CH lower division electives)

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

**Note:** This satisfies 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.