

**BS in Engineering Physics (EP) – Odd Years**

	Fall	Cr.	Spring	Cr.
<b>Fresh.</b> (09-10)	*PH 135 – Physics 1 *PH 135L †MT 135 – Calculus 1 EN 111 FYS	4 1 4 3 3	*PH 136 – Physics 2 *PH 136L †MT 136 – Calculus 2 EN 112 CO 100 Core	4 1 4 3 2 3
		<b>15</b>		<b>17</b>
<b>Soph.</b> (10-11)	*PH 246 – Modern physics †MT 233 †CH 141 or 151 †CH 143 or 153 Core	3 4 4 1 3	*EP 217 – Math Methods *EP 260 - Electronics *EP 260L *PH 247 – Modern Physics Lab Core Core	3 3 1 1 3 3
		<b>15</b>		<b>14</b>
<b>Jun.</b> (11-12)	*EP 451 – Numerical Physics *EP 451L *PH 347 – Advanced Lab #EP 475 – Electronic Circuits #EP 475L Core Core	3 1 2 3 1 3 3	*PH 315 – Classical Mechanics *PH 315L #EP 467 – Signals & Systems #EP 467L Core Core	3 1 3 1 3 3
		<b>16</b>		<b>14</b>
<b>Sen.</b> (12-13)	*PH 365 – E & M *PH 365L #EP 478 – Digital Design #EP 478L Core Core	3 1 3 1 3 3	*PH 408 – Senior Research/Design *PH 445 - Quantum *PH 445L #EP 4XX – Technical Elective #EP 4XXL Core Core	2 3 1 3 1 3 3
		<b>14</b>		<b>16</b>

\* The Physics core. Required for all physics majors. (PH, EP, IP and the BA in physics).

† Mathematics and Chemistry support courses required for all physics majors. 58 total credits. 41 credits of PH & EP plus 12 credits MT & 5 credits of CH

# Possible EP electives. 14-16 credits required for EP degree.

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 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