

# Physics Minor with Astronomy Emphasis

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(All colleges)

23 credits (32 total credits including MTH)

Code	Title	Credits
<b>Core</b>		
PHY 103 or PHY 203	Fundamental Physics I General Physics I	4
PHY 104 or PHY 204	Fundamental Physics II General Physics II	4
PHY 305	General Physics III	3
PHY 306	Modern Physics	3
<b>Astronomy core</b>		
Select two courses from the following:		6-8
PHY 155	Solar System Astronomy	
PHY 160	Stars, Galaxies and the Universe	
PHY 362	Astrophysics	
PHY 466	Cosmology and the Structure of The Universe	
<b>Electives</b>		
Select at least two additional credits from the list below <sup>1</sup>		2-3
PHY 308	Optics	
PHY 311	Experimental Physics	
PHY 334	Electrical Circuits	
PHY 362	Astrophysics <sup>2</sup>	
PHY 374	Computational Physics	
PHY 466	Cosmology and the Structure of The Universe <sup>2</sup>	
PHY 472	Particle Physics	
PHY 497	Physics and Astronomy Seminar <sup>3</sup>	
<b>Total Credits</b>		<b>23</b>
<b>Prerequisite coursework</b>		
MTH 207	Calculus I	5
MTH 208	Calculus II	4
<b>Total Credits</b>		<b>9</b>

<sup>1</sup> Depending on the astronomy core courses taken, additional credits may be required to reach a minimum of 23 credits for the minor.

<sup>2</sup> Only if not taken as part of the astronomy core.

<sup>3</sup> A maximum of two credits of PHY 497 may apply.