

# PHYSICS (PHYS) MINOR

Code	Title	Credits
<b>Required Minor Courses</b>		
PHYS 2305	Foundations of Physics	4
PHYS 2306	Foundations of Physics	4
PHYS 3324	Modern Physics	4
Subtotal		12
Select nine credits of the following:		9
PHYS 2504	Math Methods in Physics	
PHYS 3355	Intermediate Mechanics <sup>1</sup>	
PHYS 3405	Intermediate Electricity and Magnetism <sup>2</sup>	
PHYS 3406	Intermediate Electricity and Magnetism <sup>3</sup>	
PHYS 3655	Introduction to Astrophysics	
PHYS 3656	Introduction to Astrophysics	
PHYS 3704	Thermal Physics	
PHYS 4254	Quantum Information Technologies	
PHYS 4514	Introduction to Nuclear Physics	
PHYS 4524	Intro Particle Physics	
PHYS 4554	Introduction to Solid State Physics	
PHYS 4564	Polymer Physics	
PHYS 4574	Nanotechnology	
PHYS 4614	Optics	
PHYS 4654	Modern Cosmology	
PHYS 4664	Astroparticle Physics	
PHYS 4674	Introduction to General Relativity	
PHYS 4714	Introduction to Biophysics	
PHYS 4755	Introduction to Computational Physics	
PHYS 4774	Intro to Physics of Galaxies	
Subtotal		9
<b>Total Credits</b>		<b>21</b>

<sup>1</sup> Acceptable Substitution: PHYS 3355 may be substituted with AOE 3154 Astromechanics or ESM 3124 Dynamics II- Analytical and 3-D Motion.

<sup>2</sup> Acceptable Substitution: PHYS 3405 may be substituted with ECE 3105 Electromagnetic Fields.

<sup>3</sup> Acceptable Substitution: PHYS 3406 may be substituted with ECE 3106 Electromagnetic Fields.

## Graduation Requirements

### Minimum Hours and GPA Required for Graduation

The Minor in Physics requires the completion of 21 credit hours. A minimum overall and in-minor GPA of 2.0 is required for graduation. All physics courses attempted are used in the calculation of the in-minor GPA.

### Prerequisites and Corequisites

Courses in this minor have prerequisites or corequisites. Please check with your advisor or consult the Undergraduate Course Catalog.