

# PHYSICS, MS

the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.

## Requirements for Students Matriculating in or before Academic Year

2024-2025. Learn more about Graduate College Academic Regulation 7.0 (<http://catalog.okstate.edu/graduate-college/#70>).

## Thesis Option

Total Hours: 30

Code	Title	Hours
<b>Required Courses</b>		
PHYS 5113	Statistical Thermodynamics and Kinetic Theory	3
PHYS 5313	Electromagnetic Theory	3
PHYS 5413	Classical Mechanics	3
PHYS 5453	Mathematical Methods for Physicists	3
PHYS 5613	Quantum Mechanics I	3
<b>Hours Subtotal</b>		<b>15</b>
<b>Electives</b>		
Select 9 hours from PHYS, MATH or an allied field in consultation with student's advisor.		9
<b>Hours Subtotal</b>		<b>9</b>
<b>Thesis</b>		
PHYS 5000	Master's Thesis Research or Report	6
<b>Hours Subtotal</b>		<b>6</b>
<b>Total Hours</b>		<b>30</b>

## Report Option

Total Hours: 32

Code	Title	Hours
<b>Required Courses</b>		
PHYS 5113	Statistical Thermodynamics and Kinetic Theory	3
PHYS 5313	Electromagnetic Theory	3
PHYS 5413	Classical Mechanics	3
PHYS 5453	Mathematical Methods for Physicists	3
PHYS 5613	Quantum Mechanics I	3
<b>Hours Subtotal</b>		<b>15</b>
<b>Electives</b>		
Select 15 hours from PHYS or a related field in consultation with student's advisor.		15
<b>Hours Subtotal</b>		<b>15</b>
<b>Non-Thesis</b>		
PHYS 5000	Master's Thesis Research or Report (Report)	2
<b>Hours Subtotal</b>		<b>2</b>
<b>Total Hours</b>		<b>32</b>

## Graduate College Master's Program Requirements

Learn more about Graduate College 2024-2025 Master's Degree Program Requirements (<http://catalog.okstate.edu/graduate-college/>). Check