

# PHYSICS FOR TEACHERS, EMPHASIS

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## Course Requirements

### Non-Thesis Option

Code	Title	Credit Hours
<b>Physics and Physical Science Core Courses</b>		
PS 500	Astronomy	3
PS 500L	Astronomy Laboratory	1
PHY 545	Math Methods of Physics	3
PHY 508	Thermal and Stat Physics	3
PHY 535	Computational Physics	3
PHY 547	Mechanics for Teachers	4
PS 648	Mod Physics for Teachers	3
<b>Elective</b>		<b>4</b>
Any 500-600-level Science courses.		
<b>Education Core Courses</b>		
EDF 612	Educational Evaluation	3
EDF 621	Educ Research & Writing	3
EDF 625	Qualitative Research Educ	3
CIRG 615	Writing in Literacy Curriculum	3
A teacher work sample project		
<b>Total Credit Hours</b>		<b>36</b>

### Thesis Option

Code	Title	Credit Hours
<b>Physics and Physical Science Core Courses</b>		
PS 500	Astronomy	3
PS 500L	Astronomy Laboratory	1
PHY 545	Math Methods of Physics	3
PHY 508	Thermal and Stat Physics	3
PHY 535	Computational Physics	3
PHY 547	Mechanics for Teachers	4
PS 648	Mod Physics for Teachers	3
<b>Education Core Courses</b>		
EDF 612	Educational Evaluation	3
EDF 621	Educ Research & Writing	3
EDF 625	Qualitative Research Educ	3
CIRG 615	Writing in Literacy Curriculum	3
<b>Thesis</b>		
PHY 682	Thesis Research	4
<b>Total Credit Hours</b>		<b>36</b>