

# M.S. in Applied Physics

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A minimum of 30 degree credits (600 or 700 level), including a 6-credit thesis or a 3-credit project is required. Of the 30 credits, 18 must be physics courses (including 3 credits of mathematical physics or applied mathematics). The remaining 12 to 15 credits are elective courses.

*Seminar:* In addition to the minimum 30 degree credits required, all students who receive departmental or research-based awards must enroll each semester in PHYS 791 Doctoral Seminar.

## M.S. in Applied Physics (Master's project)

Code	Title	Credits
<b>Required Courses</b>		
PHYS 611	Adv Classical Mechanics	3
PHYS 621	Classical Electrodynamics	3
R755 631		3
PHYS 641	Statistical Mechanics	3
<b>Project</b>		
PHYS 700B	Master's Project	3
<b>Electives</b>		
Five electives <sup>1</sup>		15
<b>Total Credits</b>		<b>30</b>

<sup>1</sup> Selected in consultation with a graduate advisor.

## M.S. in Applied Physics (Master's thesis)

Code	Title	Credits
<b>Required Courses</b>		
PHYS 611	Adv Classical Mechanics	3
PHYS 621	Classical Electrodynamics	3
R755 631		3
PHYS 641	Statistical Mechanics	3
<b>Thesis</b>		
PHYS 701C	Master's Thesis	6
<b>Electives</b>		
Four electives <sup>1</sup>		12
<b>Total Credits</b>		<b>30</b>

<sup>1</sup> Selected in consultation with a graduate advisor.