

# PHYSICS M.S.

PHYS F698	Non-thesis Research/Project	3-6
Complete 18 credits from approved courses		18
<b>Total Credits</b>		<b>21-24</b>

## Program Requirements

< Back to Department (<https://catalog.uaf.edu/academic-departments/physics/>)

<sup>2</sup> At least 30 credits must be regular coursework.

## Minimum Requirements for Physics M.S.: 30-33 credits

Code	Title	Credits
<b>General University Requirements</b>		
Complete the graduate general university requirements. ( <a href="https://catalog.uaf.edu/masters/#gurmastersdegreestext">https://catalog.uaf.edu/masters/#gurmastersdegreestext</a> )		
<b>Master's Degree Requirements</b>		
Complete the master's degree requirements. ( <a href="https://catalog.uaf.edu/masters/#typesofmastersdegrees">https://catalog.uaf.edu/masters/#typesofmastersdegrees</a> )		
<b>Physics Program Requirements</b>		
Complete four of the following:		12
PHYS F611	Mathematical Physics I	
PHYS F612	Mathematical Physics II	
PHYS F621	Classical Mechanics	
PHYS F622	Statistical Mechanics	
PHYS F631	Electromagnetic Theory	
PHYS F632	Electromagnetic Theory	
PHYS F651	Quantum Mechanics	
PHYS F652	Quantum Mechanics	
<b>Options</b>		
Complete one of the following:		18-21
Thesis Option		
Non-thesis Option		
<b>Total Credits</b>		<b>30-33</b>

## Options

### THESIS OPTION

Minimum Requirements for Physics M.S. Degree with Thesis  
Option: 30 credits <sup>1</sup>

Code	Title	Credits
<b>Thesis Requirements</b>		
Complete the following:		
PHYS F699	Thesis	6-12
Complete 12 credits from the following:		12
Approved PHYS F600-level courses		
Approved ATM F600-level courses		
<b>Total Credits</b>		<b>18-24</b>

<sup>1</sup> At least 24 credits must be regular coursework.

### NON-THESIS OPTION

Minimum Requirements for Physics M.S. Degree with Non-thesis  
Option: 33 credits <sup>2</sup>

Code	Title	Credits
<b>Non-thesis Requirements</b>		
Complete the following:		