

M.S., PHYSICS

Program Requirements

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

Code	Title	Credits
General University Requirements		
Complete the general university requirements. (http://catalog.uaf.edu/graduate/mastersdegrees/#generaluniversityrequirementstext)		
Master's Degree Requirements		
Complete the master's degree requirements. (http://catalog.uaf.edu/graduate/mastersdegrees/#masterofsciencewithprojecttext)		
Physics Program Requirements		
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	
Thesis or Non-thesis Requirements		
Complete the thesis or non-thesis option		18-24

Options

THESIS OPTION

Minimum Requirements for Physics M.S. Degree with Thesis

Option: 30 credits¹

Code	Title	Credits
Thesis Requirements		
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		

¹ At least 24 credits must be regular coursework.

NON-THESIS OPTION

Minimum Requirements for Physics M.S. Degree with Non-thesis

Option: 33 credits²

Code	Title	Credits
Non-thesis Requirements		
Complete the following:		
PHYS F698	Non-thesis Research/Project	3-6
Complete 18 credits from approved courses		18

² At least 30 credits must be regular course work.