

PHYSICS WITH COMPUTATIONAL PHYSICS CONCENTRATION M.S.

Program Requirements

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

Code	Title	Credits
General University Requirements		
Complete the graduate general university requirements. (http://catalog.uaf.edu/masters/#gurmastersdegreestext)		
Master's Degree Requirements		
Complete the master's degree requirements. (http://catalog.uaf.edu/masters/#typesofmastersdegrees)		
Physics with Computational Concentration Program Requirements		
Complete the following:		
PHYS F611	Mathematical Physics I	3
PHYS F612	Mathematical Physics II	3
PHYS F629	Methods of Numerical Simulation in Fluids and Plasma	3
Complete at least 3 credits from the following:		3
Approved MATH F600-level courses (excluding PHYS F611 and PHYS F612)		
Approved CS F600-level courses		
Complete 6 credits of approved PHYS F600-level courses		6
Options		
Complete one of the following:		12-18
Thesis Option		
Non-thesis Option		
Total Credits		30-36

Options

THESIS OPTION

Minimum Requirements for Thesis Option: 30 credits

Code	Title	Credits
Thesis Requirements		
Complete the following:		
PHYS F699	Thesis	6-12
Complete 6 credits from approved PHYS F600-level courses		6
Total Credits		12-18

NON-THESIS OPTION

Minimum Requirements for Non-thesis Option: 33 credits ¹

Code	Title	Credits
Non-thesis Requirements		
Complete the following:		
PHYS F698	Non-thesis Research/Project	3-6
Complete 9 credits from approved PHYS F600-level courses		9
Total Credits		12-15

¹ At least 30 credits must be regular coursework.