M.S., Physics

Minimum Requirements for Degree: 30-33 credits

General University Requirements
Complete the general university requirements. (http://catalog.uaf.edu/graduate)

Master’s Degree Requirements
Complete the master’s degree requirements. (http://catalog.uaf.edu/graduate/#Masters)

Select four from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS F611</td>
<td>Mathematical Physics</td>
</tr>
<tr>
<td>PHYS F612</td>
<td>Mathematical Physics</td>
</tr>
<tr>
<td>PHYS F621</td>
<td>Classical Mechanics</td>
</tr>
<tr>
<td>PHYS F622</td>
<td>Statistical Mechanics</td>
</tr>
<tr>
<td>PHYS F631</td>
<td>Electromagnetic Theory</td>
</tr>
<tr>
<td>PHYS F632</td>
<td>Electromagnetic Theory</td>
</tr>
<tr>
<td>PHYS F651</td>
<td>Quantum Mechanics</td>
</tr>
<tr>
<td>PHYS F652</td>
<td>Quantum Mechanics</td>
</tr>
</tbody>
</table>

Thesis or Non-Thesis Requirements
Select the thesis or non-thesis option

THESIS OPTION
Minimum Requirements for Degree: 30 credits

Thesis Requirements
PHYS F699 Thesis 6-12
Select 12 credits from the following:
Approved PHYS F600-level courses
Approved ATM F600-level courses

Total Credits 18-24

NON-THESIS OPTION
Minimum Requirements for Degree: 33 credits

Non-Thesis Requirements
PHYS F698 Non-Thesis Research/Project 3-6
Select 18 credits from approved courses 18

Total Credits 21-24

1. At least 24 credits must be regular course work.
2. At least 30 credits must be regular course work.