PHYSICS, MASTER OF SCIENCE (M.S.)

Thesis option: 30 credits
Non-thesis option (scholarly report): 30 credits

The Department offers both thesis and non-thesis options in its Master of Science program. However, virtually all students are admitted directly to the Ph.D. program, and obtain a Master's naturally in the course of their Ph.D. studies. A student interested instead in a terminal Master's degree should consult with the physics department. The Departmental requirements for the non-thesis option include: a total of 30 credits excluding research credits; at least four courses of the general physics sequence; a paper as evidence of ability to organize and present a written scholarly report on contemporary research; and the passing at the master’s level of one section of the Ph.D. qualifying exam. The thesis option's requirements include at least four courses of the general physics sequence, a graduate laboratory unless specially exempted, and the passing of an oral examination including a defense of thesis.

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>Core Requirements</td>
<td>30</td>
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<tr>
<td>Four courses in the general physics sequence</td>
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**Thesis or Non-Thesis Option**

**Thesis:**
- PHYS799 Master's Thesis Research
- Pass an oral examination

**Non-Thesis:**
- Complete a scholarly report
- Pass at the master's level one section of the Ph.D. qualifying exam

Total Credits 30