PHYSICS - M.A.

College of Arts and Sciences
Department of Physics
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Kent Campus
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physics-web@kent.edu
www.kent.edu/physics

Description
The Master of Arts degree in Physics is a highly flexible program consisting of graduate coursework that can be customized according to the academic background and needs of the individual student. This flexibility is a good match for the needs of part-time students who continue to hold full-time employment in secondary education or in industry. Post-baccalaureate students in the Ph.D. degree in Physics may apply for the M.A. degree after completing the requirements.

Fully Offered At:
• Kent Campus

Admission Requirements
• Bachelor’s degree from an accredited college or university
• Minimum 3.000 undergraduate GPA on a 4.000 point scale
• Official transcript(s)
• GRE (general) scores
• Résumé or vita
• Goal statement
• Three letters of recommendation
• English language proficiency - all international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning one of the following:
  • Minimum 550 TOEFL PBT score (paper-based version)
  • Minimum 79 TOEFL IBT score (Internet-based version)
  • Minimum 77 MELAB score
  • Minimum 6.5 IELTS score
  • Minimum 58 PTE score

For more information about graduate admissions, please visit the Graduate Studies admission website. For more information on international admission, visit the Office of Global Education’s admission website.

Electives planned by the student together with the faculty advisor to best fulfill the preparation of the student.

Program Learning Outcomes
Graduates of these programs will be able to:

1. Demonstrate cognitive skills important to a physicist, including to think critically and analytically and define and solve problems in physics.
2. Demonstrate a core knowledge and understanding of the foundations of physics.

3. Communicate and teach results of their work to peers, to various target groups within the physics community and to people outside the discipline.

Program Requirements
Major Requirements
[MA-PHY]

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Physics (PHY) Electives ¹</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>Physics (PHY) Electives, 60000-level ¹</td>
<td>16</td>
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Minimum Total Credit Hours: 32

¹ Electives planned by the student together with the faculty advisor to best fulfill the preparation of the student.

Graduation Requirements
A total of 32 semester hours of graduate credit is required, with no more than one half at the 50000 level. The distribution of these hours will be planned by the student together with the faculty advisor to best fulfill the preparation of the student.