PHYSICS - M.A.

College of Arts and Sciences
Department of Physics
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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
• Official transcript(s)
• Minimum 3.0 GPA
• Goal statement
• Three letters of recommendation,
• Résumé or vita
• GRE (general) scores
• A physics subject GRE test score is highly recommended to ensure an application for the Ph.D. program is competitive

English Language Proficiency Requirements for International Students: All international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning a minimum 550 TOEFL score (79 on the Internet-based version), minimum 77 MELAB score, minimum 6.5 IELTS score or minimum 58 PTE Academic score. For more information on international admission, visit the Office of Global Education’s admission website. Effective spring 2018.

For more information about graduate admissions, please visit the Graduate Studies website.

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

1. Demonstrate cognitive skills important to a physicist, including the following:
   a. Think critically and analytically
   b. 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
[AS-MA-PHY]

| Physics (PHY) Electives $^1$ | 16 |
| Physics (PHY) Electives, 60000-level $^1$ | 16 |

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.