

## Master of Science (MS) Physics

### Degree Program

A minimum of 30 credit hours of which at least 15 hours must be at the 5000 or 6000-level. Comprehensive oral examination is required.

**Thesis Option:** Up to 6 hours of Physics 6490 (Research) may be used toward a thesis. Oral defense of the thesis is required.

### Emphasis Areas

- Applied Physics
- Astrophysics

Program Website: <http://www.umsl.edu/%7Ephysics/>

### Application Requirements

1. Application
  - a. <http://www.umsl.edu/gradschool/prospective/apply-now.html>
2. Official transcripts from all universities attended
  - a. Successful applicants must have completed a baccalaureate degree in physics or a related field before beginning the master's program.
  - b. If applicants do not have an adequate background in mechanics, thermodynamics, electromagnetism, optics, electronics, and modern physics, then they must take appropriate undergraduate courses before attempting graduate work.
3. Entrance examinations
  - a. Acceptable score on the Graduate Record Examination General Test (<http://www.gre.org/ttindex.html>).
  - b. The Subject Exam in Physics is optional.
  - c. International students are required to document English proficiency by providing scores from an internationally accepted standardized examination before a decision is made on admission.
4. Grade Point Average
  - a. Minimum of 3.0 overall and in major on 4.0 scale.
  - b. Students whose total undergraduate GPA and major GPA are between 2.75 and 2.99 may be admitted on a restricted basis.

### Application Deadline (for domestic applicants)

Fall admission: July 1

Spring admission: December 1

Summer: May 1

*Applications are processed as they are submitted. However, applications that are not received by the posted date may delay admission until the following semester.*

### Application Fee

\$50 for domestic applicants; \$40 for international applicants

### Assistantships

Assistantships are currently funded at \$14,500 and provide an educational fee scholarship. Summer employment as a teaching or research assistant is usually provided. Please apply to the department for assistantships.

### Graduate Program Director

Dr. Bruce Wilking

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