

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://umsl.edu/go/GradPhysics>

Application Requirements

1. Application
 - a. <http://umsl.edu/go/Apply-Now>
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, electromagnetism, and modern physics, then they must take appropriate undergraduate courses before attempting graduate work.
3. Entrance examinations
 - a. Scores from the Graduate Record Examination General Test only if applying for a graduate teaching or research assistantship (<http://www.umsl.edu/gradschool/files/pdfs/G2.pdf>).
 - b. The Subject Exam in Physics is not required.
 - 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.
5. Letters of Recommendation: At least one letter; two if also applying for a teaching or research assistantship.

Application Deadline (for domestic applicants)

Fall Semester: July 1

Spring Semester: December 1

Summer Semester: 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 Deadline (for international applicants)

Fall Semester: May 1

Spring Semester: October 1

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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