

University of Missouri-St Louis

Graduate Program Profile

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

<http://www.umsl.edu/divisions/graduate/prospective/applying.html>

2. Official transcripts from all universities attended

Successful applicants must have completed a baccalaureate degree in physics or a related field before beginning the master's program. 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>). The Subject Exam in Physics is optional.
- b. International students are required to document English proficiency (<http://www.umsl.edu/divisions/graduate/prospective/international.html>).

4. Grade Point Average

Minimum of 3.0 overall and in major on 4.0 scale. 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 students)

Fall admission: July 11

Winter/Spring admission: December 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

\$35 (\$40 for international students)

Assistantships

Assistantships are currently funded at \$13,300 and provide an educational fee scholarship. Summer employment as a teaching or research assistant is usually provided but cannot be guaranteed in advance. Please apply to the department for assistantships.

Graduate Program Director

Dr. Phil Fraundorf

Phone: (314) 516-5044

Email: FraundorfP@msx.umsl.edu