

MEDICAL PHYSICS, PHD

ADMISSIONS

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Please consult the table below for key information about this degree program's admissions requirements. The program may have more detailed admissions requirements, which can be found below the table or on the program's website.

Graduate admissions is a two-step process between academic programs and the Graduate School. **Applicants must meet the minimum requirements (<https://grad.wisc.edu/apply/requirements/>) of the Graduate School as well as the program(s).** Once you have researched the graduate program(s) you are interested in, apply online (<https://grad.wisc.edu/apply/>).

Requirements	Detail
Fall Deadline	December 1
Spring Deadline	The program does not admit in the spring.
Summer Deadline	The program does not admit in the summer.
GRE (Graduate Record Examinations)	Not required.
English Proficiency Test	Every applicant whose native language is not English, or whose undergraduate instruction was not exclusively in English, must provide an English proficiency test score earned within two years of the anticipated term of enrollment. Refer to the Graduate School: Minimum Requirements for Admission policy: https://policy.wisc.edu/library/UW-1241 (https://policy.wisc.edu/library/UW-1241/).
Other Test(s) (e.g., GMAT, MCAT)	n/a
Letters of Recommendation Required	3

About 80–90 applicants per year apply to the medical physics program. Each fall, the program admits 10–20 students. This results in an average enrollment of approximately 100 students each semester. Less than one-tenth of the students pursue the MS degree as a terminal degree, and the remainder continue on to the PhD.

A bachelor's degree in physics is considered the best preparation for graduate study in medical physics, but majors such as nuclear engineering, biomedical engineering, electrical engineering, or chemistry may also be acceptable. The student's math background should include calculus, differential equations, linear algebra, and Fourier analysis, such as might be learned in modern optics or undergraduate quantum theory. Some facility in computer programming and electronic instrumentation is desirable. One year of chemistry, a year of biology, and an introductory course in physiology are also advantageous.

Beginning graduate students should start their studies in the fall semester, as the course sequence is based on that assumption. Students applying

for admission should submit an online application and all supporting documentation by the application deadline to ensure consideration for admission and financial support to begin the following fall.

Admission to the graduate program is competitive. Applications are judged on the basis of a student's previous academic record, research experience, letters of recommendation, and personal statement of reasons for interest in graduate study in medical physics.

APPLICATION MATERIALS

The application includes:

- The online application to the Graduate School
- Payment of the application fee
- Electronic copy of resume/CV (include awards, fellowships, and scholarships received, publications, volunteer activities, and research experience)
- Applicant data sheet
- Personal statement (no more than 3 pages, single-spaced, 11 point font or larger) of reasons for interest in graduate study in medical physics which should include:
 - your reasons for graduate study,
 - why medical physics,
 - your future career goals as it relates to a PhD (or MS) in medical physics,
 - and your area(s) of research interest.
- It is advantageous to also research and include the faculty member(s) with whom you would like to work.
- Transcripts from all academic institutions of study (scan and upload)
- Recommendation letters from people who can attest to your ability to be successful in the PhD program due to your experience, academics, etc. Submitted electronically through the online application.