

# MEDICAL PHYSICS: ACCELERATED PROGRAM, MS

## 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: <a href="https://policy.wisc.edu/library/UW-1241">https://policy.wisc.edu/library/UW-1241</a> ( <a href="https://policy.wisc.edu/library/UW-1241/">https://policy.wisc.edu/library/UW-1241/</a> ).
Other Test(s) (e.g., GMAT, MCAT)	n/a
Letters of Recommendation Required	3

The following courses are taken as a VISP student and are considered prerequisites to the Medical Physics MS: Accelerated Program option.

Code	Title	Credits
<b>1st Semester -- (Fall) Visiting Undergraduate Student</b>		
MED PHYS/ B M E/H ONCOL/ PHYSICS 501	Radiation Physics and Dosimetry	3
MED PHYS/ B M E 573	Mathematical Methods in Medical Physics	3
MED PHYS 510	Fundamentals of Cellular, Molecular, and Radiation Biology	3

Select one of the following:		3
3 credits of elective Rad Labs		
1 credit of elective Rad Lab and MED PHYS 671 (Topic: Anatomy Physiology, 2 credits)		
<b>2nd Semester (Spring) Visiting Undergraduate Student</b>		
MED PHYS/ B M E 566	Physics of Radiotherapy	3
MED PHYS/ B M E 580	The Physics of Medical Imaging with Ionizing Radiation	4
MED PHYS/N E 569	Health Physics and Biological Effects	3-4
MED PHYS/ PHYSICS 588	Radiation Production and Detection ( Choice of either MED PHYS 770 or Radiation Detection and Production based on odd/even semester)	4
or MED PHYS 770	Advanced Brachytherapy Physics	
<b>Elective(s)</b>		<b>0-5</b>
MED PHYS 662	Rad Lab - Diagnostic Radiological Physics	
MED PHYS 663	Rad Lab - Nuclear Medicine Physics	
MED PHYS 664	Rad Lab - Health Physics	
MED PHYS 665	Rad Lab - CT, MRI, and DSA Physics	
MED PHYS 666	Rad Lab - Medical Ultrasound Physics	
<b>Total Credits</b>		<b>26-32</b>