

MEDICAL PHYSICS: ACCELERATED PROGRAM, MS

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (<http://guide.wisc.edu/graduate/#policiesandrequirements>), in addition to the program requirements listed below.

NAMED OPTION REQUIREMENTS MODE OF INSTRUCTION

Face to Face	Evening/ Weekend	Online	Hybrid	Accelerated
Yes	No	No	No	Yes

Mode of Instruction Definitions

Accelerated: Accelerated programs are offered at a fast pace that condenses the time to completion. Students typically take enough credits aimed at completing the program in a year or two.

Evening/Weekend: Courses meet on the UW–Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

Face-to-Face: Courses typically meet during weekdays on the UW–Madison Campus.

Hybrid: These programs combine face-to-face and online learning formats. Contact the program for more specific information.

Online: These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

CURRICULAR REQUIREMENTS

Requirement Detail

Minimum Credit Requirement 40 credits

Minimum Residence Credit Requirement 25 credits

Minimum Graduate Coursework Requirement 20 credits must be graduate-level coursework. Refer to the Graduate School: Minimum Graduate Coursework (50%) Requirement policy: <https://policy.wisc.edu/library/UW-1244> (<https://policy.wisc.edu/library/UW-1244/>).

Overall 3.00 GPA required.
Graduate GPA Requirement Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: <https://policy.wisc.edu/library/UW-1203> (<https://policy.wisc.edu/library/UW-1203/>).

Other Grade Requirements n/a

Assessments and Examinations n/a

Language Requirements No language requirements.

REQUIRED COURSES

Students in the Medical Physics MS: Accelerated Program start their coursework as a VISP student. The coursework taken as a VISP student can be found in the admissions tab.

Medical Physics MS: Accelerated Program Coursework taken as a Graduate Student

After completing coursework as a VISP student, graduate students in the Medical Physics MS: Accelerated Program complete the following coursework:

Code	Title	Credits
Fall Semester		
MED PHYS 701	Ethics and the responsible conduct of research and practice of Medical Physics	1
MED PHYS 772	Advanced Radiation Treatment Planning	3
MED PHYS 679	Radiation Physics Metrology	3
MED PHYS 777	Principles of X-ray Computed Tomography	3
MED PHYS 581	Laboratory for Medical Imaging with Ionizing Radiation	1
MED PHYS 900	Journal Club and Seminar	1
Spring Semester		
MED PHYS/ B M E 574	Data Science in Medical Physics	3
MED PHYS/ B M E 578	Non-Ionizing Diagnostic Imaging	4
MED PHYS/ PHYSICS 588	Radiation Production and Detection	4
MED PHYS 770	Advanced Brachytherapy Physics (offered every even spring semester)	3
MED PHYS 900	Journal Club and Seminar	1
<i>Elective(s)</i>		<i>13-15</i>
Courses taken as a VISP student can transfer (up to 15 credits)		
Total Credits		40