



Medical Physics

The Department of Medical Physics in the University of Wisconsin School of Medicine and Public Health (SMPH) was the first department of its kind in the United States, founded in 1981. The department has 31 core faculty members, many with affiliate appointments in one or more clinical, basic science or engineering departments at the University of Wisconsin-Madison.

Program Overview

Experience the Medical Physics Thematic Track VISP Program! The Department of Medical Physics invites international students to take a core set of courses focused on radiation therapy during the final year of their undergraduate degree.

During their first year as a nondegree visiting student, participants have the option to apply to the accelerated Master of Science in Medical Physics degree program for the following year. Admission to the graduate program is a separate process and is not a guaranteed element of the thematic track program.

Student Support

From the time you apply to the end of your stay, the VISP staff is here to assist you. As a VISP participant, you have full access to all of UW–Madison’s academic and student support services, such as libraries, computer labs, clubs and sports facilities. You are also encouraged to attend VISP-sponsored social and cultural events. Upon completion you will receive an official UW–Madison transcript.

Academics

Each semester, thematic track participants enroll in a set of required courses as well as a number of electives within the Department of Medical Physics.

Sample required courses:

- Med Phys 501 Radiological Physics and Dosimetry
- Med Phys 510 Fundamentals of Cellular, Molecular and Radiation Biology
- Med Phys 573 Medical Image Science: Mathematical and Conceptual Basis
- Med Phys 566 Physics of Radiotherapy
- Med Phys 569 Health Physics & Biological Effects
- Med Phys 580 Physics of Medical Imaging with Ionizing Radiation **OR**
- Med Phys 588 Radiation Detection and Production

For more information about the course requirements, please see our website.

Apply Today! [VISP.wisc.edu/thematic](https://www.wisc.edu/visp/thematic)