

Medical Physics (MDPH)

Program in Medical Physics

The program in medical physics at Wofford is an interdisciplinary curriculum designed to provide students with a fundamental background of knowledge, concepts, and techniques within the medical physics field.

The program is open to all students. Students interested in applying to graduate school for medical physics will need to major or minor physics to obtain a letter of recommendation from the program coordinator.

Coordinators

Solmaz Bastani, Physics

Requirements for the Program in Medical Physics

Course	Title	Hours
Foundational Courses		11
MATH 181	Calculus I	
Choose one Physics sequence		
PHY 141 & PHY 142	Physics for Science & Engineering I (with lab) and Physics for Science & Engineering II (with lab)	
PHY 121 & PHY 122	General Physics I (with lab) and General Physics II (with lab)	
Required Courses		6
PHY 204	Medical Physics	
BIO 213	Introduction to Genetics & Molecular Biology	
Elective Courses		3 to 4
Select one course from the following:		
BIO 215	Introduction to Cellular Biology	
BIO 342	Human Physiology (with lab)	
CHEM 203	Organic Chemistry I (with lab)	
COSC 235	Programming & Problem Solving	
PHY 206	Electronics (with lab)	
PHY 211	Modern Physics	
Research/Internship ¹		
Total Hours		20-21

¹ Students must receive approval in advance for their research or internship experience.