

CERTIFICATE PROGRAM IN MEDICAL PHYSICS

Overview

Associated with the Department of Biomedical Engineering's graduate program in Medical Physics, the University of Miami offers a Certificate Program in Medical Physics. The Certificate Program is accredited by CAMPEP (Commission on Accreditation of Medical Physics Educational Programs) and is a non-degree granting program. The objective of this two-semester program is to allow qualified individuals who have obtained PhD degrees in Physics, Engineering or a related field with a physics-minor-equivalent background to transition into a career in medical physics.

*This program is not eligible for federal or state financial aid. Contact the Office of Student Financial Assistance and Employment for further assistance.

Curriculum Requirements

Code	Title	Credit Hours
BME 602	Human Physiology for Engineers	3
Select one of the following courses:		3
BME 620	Medical Imaging Systems: X-ray and CT	
BME 621	Medical Imaging Systems: MRI, NMI and Ultrasound	
BME 681	Radiation Biology and Physics	3
BME 682	Radiation Therapy Physics	3
BME 683	Radiation Protection	3
BME 781	Radiation Dosimetry and Physics	3
Optional Course		0-3
BME 783	Radiation Therapy Physics Clinical Rotation	
Total Credit Hours		18-21

¹ Credit hours completed by students enrolled in the certificate program are not eligible for degree application.