

Re: Medical Physics Certificate Program

Requirements: All applicants must have a Ph.D. in Physics or similar STEM field of study, and some experience or understanding of fundamental Radiation Physics (equivalent to HSCI 312 and 313).

Application Process: the same as for MS or PhD applications. Please select the “Apply Today” button on the right panel of our main webpage. When asked to ‘Please select a Degree Objective’, there will be an option for ‘Medical Physics Graduate Certificate’.

Required Coursework:

CAMPEP required topic	Course	Course Title	Credit Hours	Offered
Radiological Physics and Dosimetry	HSCI 526	Principles of Health Physics and Dosimetry	3	Fall
Radiation Protection and Radiation Safety	HSCI 574	Medical Health Physics	2	Fall
Radiobiology	HSCI 540	Radiation Biology	3	Fall
Anatomy and Physiology	BIOL 203 and 204	Human Anatomy and Physiology	8	Fall and Spring
	HSCI 590	Human Sectional Anatomy	2	Fall
Fundamentals of imaging in Medicine	HSCI 570	Intro to Medical Diagnostic Imaging	3	Spring
Radiation Therapy Physics	HSCI 572	Radiation Oncology Physics	3	Spring
Total Credit Requires			24	



School of Health Sciences