

HEALTH SCIENCES: PRE-MEDICAL IMAGING/RADIATION SCIENCES (BS)

Contacts

Program Director: Louis N. Hunter, PT, DPT

Email: Louis.Hunter@jefferson.edu

215-503-6017

Campus: East Falls, Center City

Program Website (<https://www.jefferson.edu/academics/colleges-schools-institutes/health-professions/departments-programs/health-sciences/pre-medical-imaging-radiation-sciences.html>)

Program Description

As a student in this program, you will complete foundation and pre-professional coursework with other pre-medical and health students on Jefferson's East Falls Campus. During the second year, students will begin the process of working with faculty to select concentrations in the radiologic sciences. Students who maintain progression criteria are guaranteed to matriculate into the professional phase, delivered on the Center City campus. Jefferson's academic advisors and faculty work closely with our students on course selection and academic performance to ensure that each student is on pace to transition into the professional phase of the program.

Program Highlights

In our stimulating and supportive environment, you will build a strong foundation in sciences and humanities, preparing you for success in upper-division courses in Medical Imaging and Radiation Sciences.

Preprofessional Curriculum: 50-60 Credits

- Years 1 & 2

Course	Title	Credits
First Year		
FYS 100	Pathways Seminar	1
AVIS 101	American Visions	3
WRIT 101	Writing Sem I: Written Comm.	3
WRIT 2XX	Multimedia Communication	3-4
MATH 102	Pre-Calculus (Intro Calc)	3-4
BIOL 112 & 112L	Core Concepts of Biology and Core Concepts of Biol Lab	4
HSCI 100	Intro to Health Professions	1
HSCI 230	Intro to Healthcare	2
CHEM 103 & 103L	Chemistry I and Chemistry I Lab ¹	4
PSYC 101	Intro to Psychology	3
Credits		27-29
Second Year		
ADIV/GDIV/GCIT	Diversity/Citizenship	3
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HSCI 225	Applied Statistics	3
General Elective		1-3

Course	Title	Credits
HSCI 330	Medical Terminology	3
BIOL 201 & 201L	Human Anatomy and Physiology I and Human Anat & Physiology I Lab ¹	4
BIOL 202 & 202L	Human Anatomy & Physiology II and Human Anat & Physiology II Lab ¹	4
PHYC 111	Algebra-base PHYC I-Mach&Thermo ¹	4
PHYC 112	Algebra-Based PHYS II-Electrici ¹	4
Credits		29-31
Total Credits		56-60

¹ Science prerequisites

- All grades must be C or higher; AP credit accepted for non-science courses only
- Matriculation into professional program requires recommended minimum 3.0 and minimum 3.0 science GPA

Professional Curriculum

Students study two concentrations, one each in Years 3 and 4. Each concentration is 12-months long comprised of both didactic and clinical hours. Students select one of the concentrations listed below for Year 3. Refer to Medical Imaging & Radiation Sciences section for upper-division curriculum information.

- Nuclear Medicine Radiography
- Magnetic Resonance Imaging
- Vascular Sonography
- Abdomen-Extended & OB/GYN (Ultrasound)
- Cardiac Sonography