



Upon entry into the program, students are expected to have completed the equivalent of two semesters of anatomy and physiology. Students that have not completed prior course work in anatomy and physiology are required to complete one of the following options: BIOL 301 and 302 or BIOL 203 and 204 or BMS 510 (Gross Anatomy) or equivalent.

In addition, students entering the 4+1 program must complete the [Purdue Pre-Medical Physics B.S. degree](#), which includes coursework equivalent to a minor in physics, one year of anatomy and physiology and all of the core Medical Physics classes.

FIRST YEAR

Fall Semester

- _____ (3) HSCI 590R - Radiation Oncology Physics Laboratory I
- _____ (1) HSCI 696 - Seminar in Health Sciences (initial student seminar)
- _____ (3) STAT 511 - Statistical Methods
- _____ (9) [Medical Physics Electives](#)

Spring Semester

- _____ (6) HSCI 690 - Radiation Therapy (RT) Clinical Rotation I
- _____ (1) HSCI 696 - Seminar in Health Sciences (attending)
- _____ (3) [Medical Physics Electives](#)[†]

Summer Semester

- _____ (6) HSCI 690 - Diagnostic Imaging (RT) Clinical Rotation II
- _____ (1) HSCI 696 - Seminar in Health Sciences (final student seminar)

† - Students are encouraged to take 3 hours of HSCI 590 (Mentored Research Project)

Notes:

- HSCI 312 is required for students that do not have equivalent coursework upon entry into the program.
- Students are required to enroll in HSCI 696 Seminar in Health Sciences spring and fall semesters while in the graduate program. However, only 1 credit hour applies towards the completion of the required coursework.