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 coursework 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.

The following plan of study is for incoming students with a minor in Physics. For those students who do not have a physics minor, an alternative plan of study (Medical Physics Graduate Program - Plan of Study for MS (coursework) Degree in Diagnostic (Imaging) Radiological Physics, with a minor in Physics) which includes the necessary physics courses should be followed.

**FIRST YEAR**  
**Fall Semester**
- (4) BIOL 203 - Human Anatomy & Physiology I  
- (3) HSCI 312 - Radiation Science Fundamentals  
- (2) HSCI 313 - Principles of Radiation Detection and Measurement  
- (3) HSCI 526 - Principles of Health Physics and Dosimetry  
- (1) HSCI 696 - Seminar in Health Sciences (initial student seminar)

**Spring Semester**
- (4) BIOL 204 - Human Anatomy & Physiology II  
- (2) HSCI 514 - Radiation Instrumentation Laboratory  
- (3) HSCI 540 - Radiation Biology  
- (3) HSCI 570 - Introduction to Medical Diagnostic Imaging  
- (1) HSCI 696 - Seminar in Health Sciences (attending)

**Summer Semester**
- (3-6) MP Electives (emphasis on Independent Project Development Course)

**SECOND YEAR**  
**Fall Semester**
- (2) HSCI 574 - Medical Health Physics  
- (1) HSCI 696 - Seminar in Health Sciences (attending)  
- (6) MP Electives (emphasis on Independent Project Development)

**Spring Semester**
- (3) HSCI 572 - Radiation Oncology  
- (3) HSCI 590 – Molecular Imaging  
- (1-6) Medical Physics Electives (emphasis on Independent Project Development)

**Notes:**
- MS coursework students are encouraged to take 3-6 credit hours of HSCI 590 (Mentored Research Project) as an elective.
- 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.