**Health Physics (Radiation Protection) Graduate Program**  
**M.S. in Health Physics**

**M.S. Non-Thesis Recommended Plan of Study (33 credits required)**

### Fall Semester

- (1) **GRAD 612 - Responsible Conduct in Research**
- (3) **HSCI 312 - Radiation Science Fundamentals**
- (3) **HSCI 515 - Introduction to Nuclear and Radiological Source Security**
- (2) **HSCI 574 - Medical Health Physics**
- (0) **HSCI 696 - Graduate Seminar**
- (3) **NUCL 501 - Nuclear Engineering Principles**
- (3) **STAT 511 - Statistical Methods**

### Spring Semester

- (1) **HSCI 514 - Radiation Instrumentation Laboratory**
- (3) **HSCI 526 - Principles of HP & Dosimetry**
- (3) **HSCI 534 - Applied Health Physics**
- (3) **HSCI 540 - Radiation Biology**
- (3) **HSCI 551 - Physical Agents in Environmental Health**
- (1) **HSCI 696 - Graduate Seminar**

### Summer Semester

- (6) **HSCI 690 – Industry Internship**
- (35) **TOTAL**

* - required course  
♣ - STAT 512 – Applied Regression Analysis may be substituted for STAT 511  
^ - HSCI 312– Radiation Science Fundamentals is required only for students who have not had equivalent previous coursework.

A minimum of 24 coursework credit hours with no more than 6 credit hours at the 300 or 400 level is required for the M.S. degree. Required courses are indicated by the symbol *, other courses are suggested. The student's advisory committee may approve alternative coursework in a plan of study that will assist the student in their thesis research, including independent study projects under the guidance of a faculty member.

**Note:** Graduate courses taken while registered as a graduate student at Purdue University may be considered for fulfilling the plan of study requirements only if the student has received grades of C or better. For courses at the 300 or 400 level taken as a graduate student or courses that represent either undergraduate or graduate excess credit or transfer credit, grades of B or better are required for fulfilling plan of study requirements.