

Name: _____

School of Health Sciences

Date: _____

Student I.D.: _____

Radiological Health Sciences
Pre-Medical Physics - RHMP
 121-123 Credit hours

Freshman Year - First Semester			Sem/Yr	Grade	Second Semester			Sem/Yr	Grade
(4)	CHM 115- General Chemistry I <small>(MA 159 or Calc Placement)</small>				(4)	CHM 116 -General Chemistry II <small>(Chm 115)</small>			
(4)	BIOL 110- Fundamentals of Biol I				(4)	BIOL 111- Fundamentals of Biol II <small>(Biol 110)</small>			
(2)	HSCI 101-Intro to HSCI Professions Fall only				(4)	ENGL 106-Freshman Composition			
(4-5)	MA 161/165 - Plane Analytic Geom&Calc I				(4-5)	MA 162/166 -PlaneAnalytic Geom&Calc II <small>(MA 161)</small>			
					[16-17]				
[14-15]									
Notes:					Notes:				

Sophomore Year - Third Semester			Sem/Yr	Grade	Fourth Semester			Sem/Yr	Grade
(4)	MA 261 - Multivariate Calculus				(3)	PHYS 241 - Electricity and Optics			
(3)	HSCI 202 Essntls of RH, EH, + OH <small>(1 sem of biol & 1 sem of chem) Fall only</small>				(1)	PHYS 252 - Electricity and Optics Lab			
(3)	COM 114 -Fundamentals of Speech				(3)	STAT 301 - Elem. Statistical Methods			
(4)	PHYS 172- Modern Mechanics <small>(MA 162/166)</small>				(3)	English Selective			
(3)	Elective				(4)	MA 262 Linear Algebra and Diff Equations			
[17]									
					[14]				

Notes: All students must complete 32 hours
 of 300 level or higher courses at Purdue for graduation.

Notes: Responsibility for completing graduation requirements
 is solely that of the student.

School of Health Sciences

Radiological Health Science - RHMP

Pre- Medical Physics

121 - 123 Semester Hours

Junior Year		Sem/Yr	Grade	Sixth Semester		Sem/Yr	Grade
(4)	BIOL 203-Human Anat & Physiology I (Biol 203) Fall only			(4)	BIOL 204-Human Anat & Physiology II (Biol 203) Spring only		
(3)	PHYS 300 or higher PHYS Selective			(2)	HSCI 313*-Principles of Rad. Detection.& Measu (HSCI 312) Spring only		
(3)	Math and Comp Sci Selective			(2)	HSCI 514 - Radiation Instrumentation Lab Spring only		
(3)	HSCI 312*-Radiation Science Fund. (1 yr Calc + 1 yr Physics) (Fall only)			(3)	HSCI 540*-Radiation Biology Spring only		
(3)	Humanities Selective			(3)	PHYS 342 - Modern Physics		
[16]				[14]			
Notes:				Notes:			
Senior Year - Seventh Semester		Sem/Yr	Grade	Eighth Semester		Sem/Yr	Grade
(3)	HSCI 526 Principles of Health Physics and Dosimetry Fall only			(3)	HSCI 570-Intro to Medical Diagnostic Imagin Spring only		
(2)	HSCI 574 - Medical Health Physics Fall only			(3)	HSCI 572 - Radiation Oncology Physics Spring only		
(3)	Humanities Selective			(3)	Elective		
(3)	Elective			(3)	Humanities Selective		
(1)	PHYS 340 Modern Physics Lab			(3)	Rad. Health Sciences Selective		
(3)	PHYS 300 or higher PHYS Selective						
[15]				[15]			
Notes:	Suggested physics electives are PHYS 310- Intermediate Mechanics, PHYS 360 - Quantum Mechanics and/or PHYS 556 - Introductory Nuclear Physics			Notes:			