

**Program of Studies for Radiological Health Physics Option:
 (For Students entering Fall 2009)**

Freshman Year/Fall Semester	Cr.	Freshman Year/Spring Semester	Cr.
___95.161 Physics I (H)	4	___95.112 Freshman Physics Seminar	1
___96.161 Physics I Lab (H)	2	___95.164 Physics II (H)	4
___42.101 (Gen. Ed.) College Writing I	3	___96.164 Physics II Lab (H)	2
___92.131 Calculus I	4	___42.102 (Gen. Ed.) College Writing II	3
___ __. __ (Gen. Ed.) AH	<u>3</u>	___92.132 Calculus II	4
	16 (6)	___ __. __ (Gen. Ed.) SS	<u>3</u>
			17 (7)
Sophomore Year/Fall Semester	Cr.	Sophomore Year/Spring Semester	Cr.
___95.269 Physics III (H)	4	___95.210 Intro. Modern Physics	3
___96.261 Physics Mat + Dev	3	___92.234/236 Differential Equations	3
___84.121 Chemistry I	3	___84.122 Chemistry II	3
___84.123 Chemistry I Lab	1	___84.124 Chemistry II Lab	1
___92.231 Calculus III	<u>4</u>	___96.262 Princ. Lab Automation	<u>3</u>
	15(7)	___ __. __ (Gen. Ed.) AH	<u>3</u>
			16 (6)
Junior Year/Fall Semester	Cr.	Junior Year/Spring Semester	Cr.
___95.481 Math Methods of Rad. Sci.	3	___81.112 Principles of Biology II	3
___92.386 Probability and Statistics	3	___81.252 Physiology	3
___81.111 Principles of Biology I*	3	___81.254 Physiology Lab	1
___95.204 Intro to Radiological Science	<u>3</u>	___96.306 Nuclear Instrumentation	4
	12 (6)	___95.482 Num Methods of Radiological Science	<u>3</u>
			14 (7)
Senior Year/Fall Semester	Cr.	Senior Year/Spring Semester	Cr.
___96.301 Health Physics Internship I	3	___95.402 Radiation Safety & Control II	4
___95.401 Radiation Safety & Control I	4	___95.462 Radiation Biology	3
___ __. __ (Gen. Ed.) SS	3	___ __. __ Free Elective	2
___ __. __ Free Elective	<u>3</u>	___ __. __ (Gen. Ed.) AH	<u>3</u>
___ __. __ Free Elective	16(7)		12 (7)

Minimum Total Credits = 120

Consult the Schedule of Classes booklet regarding the General Education (Gen. Ed.) requirements.
 See your *Faculty Advisor* to determine which courses you should take to fulfill the Gen. Ed. Diversity (D) and Ethics (E) requirements.

* May substitute 35.101 & 35.104 Human Anatomy & Physiology I & II (8 credits for 4)

(x) Number of specified physics credits.