

2011-2012 Medical Physics Degree Plan

8/16/11

Freshman - Fall Semester

Freshman - Spring Semester

MATH	1513	*	College Algebra
MATH	1713		Trigonometry
ENG	1113	*	Freshman Composition I
	---	3	* Humanities-Western Civilization**
UNIV	1001	*	Freshman Seminar
HPER	2122	*	Choices in Wellness

MATH	2825		Calculus I
PS	1113	*	U. S. Government
ENG	1213	*	Freshman Composition II
CHEM	1114	*	General Chemistry I with lab

15 Total hours

15 Total hours

Sophomore - Fall Semester

Sophomore - Spring Semester

PHYS	2115		Engineering Physics I with lab
MATH	3025		Calculus II
CHEM	1214		General Chemistry II with lab
BIOL	1314	*	General Zoology with lab

PHYS	2225		Engineering Physics II with lab
MATH	3033		Calculus III
CMPSC	1113	*	Computer Programming I
BIOL	2184		Human Anatomy

18 Total hours

15 Total hours

Jr. or Sr. Odd Year Fall

Jr. or Sr. Even Year Spring

MATH	4113		Differential Equations
PHYS	3013		Modern Physics
PHYS	---	3	Required Physics Elective
UNIV	3001	*	General Education Seminar
PHYS	3813		Optics

PHYS	3411		Jr. Physics Lab
COMM	2253	*	Communication in the Workplace
MATH	3513		Mathematical Statistics
	---	3	* U. S. History Survey
HIM	2113		Medical Terminology OR
EHS	2413		Radiological Health
	---	3	* Social Sciences**

13 Total hours

16 Total hours

Jr. or Sr. Even Year Fall

Jr. or Sr. Odd Year Spring

BIOL	3634		Human Physiology
PHYS	---	3	Required physics el.
ENG	3183		Technical & Professional Writing
	---	3	* Hum/Cultural Diversity Elective**
CHEM	3114		Organic Chemistry I

PHYS	4313		Intro to Nuclear Physics
PHYS	3713		Thermodynamics
PHYS	4222		X-Ray & Nuclear Lab
	---	3	* Humanities/Soc. Sci. elective**
PHYS	3222		Medical Physics
	---	2	Elective

17 Total hours

15 Total hours

Total degree plan hours:

124

45 hours general education
45 hours junior/senior courses

* General Education Requirement

** See current catalog "General Education Requirements" for selection