

**CURRICULUM LEADING TO THE DEGREE OF  
BACHELOR OF SCIENCE IN  
PHYSICS  
Health Physics Option  
(127 Credits)**

**FRESHMAN**

<b>First Semester</b>	<b>Credits</b>	<b>Second Semester</b>	<b>Credits</b>
CS 150-Intro. Comp w/App	3	M 250 Linear Algebra/Sci	3
E 150 Eng. Comp & Comm	3	E 151 Eng. Comp & comm.	3
M 158	4	M 168	4
P 254 Gen. Physics I w/Cal	3	P 255 Gen Physics II w/Cal	3
P 251 General Physics I Lab	1	P 253 General Physics II Lab	1
P 160 Med Phys Seminar	1	P 180 Essential Med Physics	3
UNIV 101 Univ Comm	2		
Total	17		17

**SOPHOMORE**

<b>First Semester</b>	<b>Credits</b>	<b>Second Semester</b>	<b>Credits</b>
H 250 or H 251 World Hist	3	ET 255 Eng. Econ. Analysis	3
P 203 Gen. Physics III	3	M 403 Differential Equations	3
P 223 Gen. Physics III Lab	1	P 406 Modern Physics	3
C 150 Gen Chemistry I	3	C 152 Gen Chemistry II	3
C 151 Gen Chem I Lab I	1	C 153 Gen Chem II Lab	1
SOC/PSY Component	3		
M 278	4		
Total	18		13

**JUNIOR**

<b>First Semester</b>	<b>Credits</b>	<b>Second Semester</b>	<b>Credits</b>
NE 408 Ionizing Radiation	3	P 313 Radioisotope Lab	3
P 420 Health Physics Instru	1	P 421 Foundations of Health	3
P 403 Thermodynamics	3	ET 250 Tech Comm	3
Language Comp. I	3	P 304 Mechanics II	3
P 303 Mechanics I	3	Language Comp. II	3
Elective	3		
Total	16		15

**SENIOR**

<b>First Semester</b>	<b>Credits</b>	<b>Second Semester</b>	<b>Credits</b>
P 499/NE 499 Special Topics	2	P 402 Electy & Magnetism II	3
P 338 Scientific Image Anal	3	P 410 Intro. Quantum Mech	3
P 401 Electricity & Mag I	3	HU 250 African-Amer. Exp.	3
P 407 Advanced Laboratory	3	ARTS 250/MU 250/D 254	3
PE 150/HED 151/MS 101	2	Elective	3
E 250 or 251 World Lit.	3		
Total	16		15