

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

FRESHMAN

First Semester	Credits	Second Semester	Credits
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

First Semester	Credits	Second Semester	Credits
B 150 General Zoology Lec	3	B 202 Intro Vert Physiology	3
B 154 General Zoology Lab	1	B 212 Vert Physiology Lab	1
M 278	4	ET 255 Eng. Econ. Analysis	3
P 203 Gen. Physics III	3	SOC 250/PSY 250	3
P 223 Gen. Physics III Lab	1	M 403 Differential Equ	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
Total	16		17

JUNIOR

First Semester	Credits	Second Semester	Credits
P 403 Thermodynamics	3	ARTS 250/MU 250/D 254	3
P 406 Intro. Modern Physics	3	P 313 Radioisotope Lab	3
H 250 or H 251 World Hist	3	P 304 Mechanics II	3
P 303 Mechanics I	3	E 250 or 251 World Lit	3
Elective	3	ET 250 Tech Comm	3
Total	15		15

SENIOR

First Semester	Credits	Second Semester	Credits
P 401 Electricity & Mag I	3	P 402 Electy & Magnetism II	3
P 407 Advanced Laboratory	3	P 410 Intro. Quantum Mech	3
P 338 Scientific Image Anal	3	P 498/499 Med Phys Project	3
PE 150/HED 151/MS 101	2	HU 250 African-Amer. Exp.	3
Elective	3	Elective	3
Total	14		15