

Medical Physics

Department	Course Number	Course Name	Credits Required	§T	Term Taken
<b>STRONGLY RECOMMENDED</b>					
Physics	3000	Microcomputer Methods in Physics (S)	2		
	3010	Classical Mechanics (F)	3		
	3020	Electromagnetic Fields & Waves (S)	3		
	3520	Instructional Assistance	1		
Mathematics	3130	Differential Equations	3		
Biology	1110	Concepts of Biology	4		
	3800	Molecular Biology	4		
	3301	Animal Physiology	4		
Chemistry	1101/1110	Introductory Chemistry I & Lab	4		
	1102/1120	Introductory Chemistry II & Lab	4		
	2201/2203	Organic Chemistry I & Lab	4		
	2202/2204	Organic Chemistry II & Lab	4		
<b>OTHER RECOMMENDED COURSES</b>					
Physics	4640	Quantum Mechanics (S)	3		
	4820	Medical Physics (S)	3		
Computer Science	1440	Computer Science I (C++)	3		
Statistics	*2810	Intro. to Data Analysis & Statistical Info.	3		
	3820	Statistical Methods I	3		
Biology	*3306	Genetics	3		
	*3314	Comparative Vertebrate Zoology (S)	3		
Chemistry	*2210	Quantitative Analysis	4		
	*3301	Physical Chemistry I (F)	3		
	3302	Physical Chemistry II (S)	3		
	3303	Physical Chemistry Lab I (F)	1		
	3304	Physical Chemistry Lab II (S)	1		
Psychology	*1200	General Psychology	3		

S00

\*Courses of particular interest to those intending to apply to medical or dental school. These students need to consult with the Pre-Professional Advisory Committee as well before completing their contract.