

BS, Concentration in Medical Physics

rev. 5/2011

		<i>Suggested schedule of courses</i>		
	Course #	Title		Cred. hrs
Year 1				
Fall	PHYS 1201	General Physics, Majors I		4
	PHYS 1208	General Physics Lab I		1
	MATH 1550	Analytical Geom. Calculus I		5
	CHEM 1201	General Chemistry I		3
Spring	PHYS 1202	General Physics, Majors II		4
	PHYS 1209	General Physics Lab II		1
	MATH 1552	Analytical Geom. Calculus II		4
	CHEM 1202	General Chemistry II		3
	CHEM 1212	General Chemistry Lab		2
+ ENG 1001 (3)				30
Year 2				
Fall	PHYS 2203	Intro Modern Physics		3
	PHYS 2207	Intro Modern Physics Lab		1
	MATH 2057	Multidimensional Calculus		3
	CHEM 2060	Survey of Organic Chemistry **		3
	CSC 1253	Programming in C++		3
Spring	PHYS 2221	Intro to Mechanics		3
	MATH 2090	Elem Diff Equations Lin Alg		4
	MEDP 2051	Rad Science w/ Applications		3
	PHYS 3098	Instrumentation Electronics		3
**CHEM 2261 may substitute for CHEM 2060				
+ ENG 2000 (3)				29
Year 3				
Fall	PHYS 2231	Electricity & Magnetism		3
	PHYS 2411	Computational Science I		3
	BIOL 1201	Biology for Science Majors I		3
Spring	PHYS 4132	Electromagnetism EM Waves		3
	NS 4411	Fund Nuclear Rad Science		3
	PHYS 4141	Intro Quantum Mechanics I		3
+ GenEd SocSci (3), GenEd Hum (2), Foreign Language (4), ENG 2xxx (3)				30
Year 4				
Fall	MEDP 4351	Rad Detection Instrumentation		2
	MEDP 4352	Rad Detection Lab		1
	PHYS 4123	Intermediate Mechanics		3
	BIOL 1202	Biology for Science Majors II		3
Spring	PHYS 4125	Thermodynamics Stat Mech		3
	BIOL 2160	Human Physiology		3
+ GenEd SocSci (3), GenEd Arts (3), Electives (10)				31
			Concentration courses (35 hrs)	120
			additional College/GenEd requirements	