

BS Physics Medical Physics Track

Course Common to All Physics Programs

PHYS331	Mechanics I
PHYS332	Electromagnetic Field Theory
PHYS334	Modern Physics I
PHYS334	Quantum Physics I
MATH 209	Calculus II
MATH 333	Calculus III
MATH 306	Differential Equations

"-----"

Common Course Hours =

Medical Physics (Pre-Professional) Track

CHEM105	College Chemistry I
CHEM108	College Chemistry II
CHEM201	Organic Chemistry I
CHEM202	Organic Chemistry II
BIOL120	General Biology I
BIOL121	General Biology II
BIOL474	Biochemistry I
BIOL475	Biochemistry II
PHYS432	Optics
PHYS437	Nuclear Physics & Techniques
PHYS355	Medical Physics I
PHYS455	Medical Physics II
MATH311	Probability and Statistics
MATH332	Linear Algebra
	Adv Elective (CS,PHYS,CHEM,BIOL ENGR, ENPH, or MATH)

"-----"

Track Courses=

TSU Core (Common to all Physics Programs)

3	MATH 120	Calculus I	4
3	PHYS122	Principles of Physics I	4
3	PHYS242	Principles of Physics II	4
3	ENGL111	Intro. To College Comp.	3
4	ENGL112	College Comp. and Research	3
4	HIST201	US History through 1877	3
3	HIST202	US History Since Reconstruction	3
	POLS202	American National Government	3
23	POLS202	Texas Government	3
*		Wellness or PE Core Class	2
*		English Literature	3
4	*	Communications Core Class	3
4	*	Fine Arts Core Class	3
4	*	Social/Behavioral Core	3

4 "-----"

4 Total Core = 44

4

3 *- Selected From List of Courses on pg. 47 of TSU Catalog

3

3

3

3

3

3

3

5

53