

BS Physics (9-12 Physical Science Teaching Track)

Course Common to All Physics Programs		TSU Core (Common to all Physics Programs)	
PHYS331	Mechanics I	3	MATH 120 Calculus I 4
PHYS332	Electromagnetic Field Theory	3	PHYS122 Principles of Physics I 4
PHYS334	Modern Physics I	3	PHYS242 Principles of Physics II 4
PHYS334	Quantum Physics I	3	ENGL111 Intro. To College Comp. 3
MATH 209	Calculus II	4	ENGL112 College Comp. and Research 3
MATH 333	Calculus III	4	HIST201 US History through 1877 3
MATH 306	Differential Equations	3	HIST202 US History Since Reconstruction 3
"-----"			POLS202 American National Government 3
Common Course Hours =		23	POLS202 Texas Government 3
		*	Wellness or PE Core Class 2
		*	English Literature 3
		*	Communications Core Class 3
K-12 Physics/Chemistry Teaching Track			
CHEM105	College Chemistry I	4	* Fine Arts Core Class 3
CHEM108	College Chemistry II	4	* Social/Behavioral Core 3
CHEM201	Organic Chemistry I	4	"-----"
CHEM486	Teaching Chemistry	1	Total Core = 44
ENGL309	Technical Writing	3	
EDU330	Professional Development I	3	*- Selected From List of Courses on pg. 47 of TSU Catalog
EDU335	Professional Development II	3	
EDU430	Professional Development III	3	
EDU435	Professional Development IV	3	
EDU490	Practicum in Teaching	6	
PSY220	Child Psychology	3	
RDG351	Content Area Reading	3	
PHYS404	Physics Teaching	3	
PHYS430	Math Methods for Physicists	3	
PHYS333	Thermodynamics	3	
	PHYS Electives (6 hrs Advanced)	9	
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Track Courses=		58	