

BS Physics Classical Track

Course Common to All Physics Programs

PHYS331	Mechanics I	3
PHYS332	Electromagnetic Field Theory	3
PHYS334	Modern Physics I	3
PHYS435	Quantum Physics I	3
MATH 209	Calculus II	4
MATH 333	Calculus III	4
MATH 306	Differential Equations	3

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Common Course Hours = 23

Classical Track

PHYS333	Thermal Physics	3
PHYS430	Math Methods for Physicists	3
PHYS488	Undergraduate Research	2
PHYS	Physics electives (6 Adv)	9
	Support Field (12 Adv)	26
	Electives	4
	Approved CS Elective	3
MATH232	Matrix Methods	3

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Track hrs 53

TSU Core (Common to all Physics Programs)

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

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Total Core = 44

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