

## BS Physics Astronomy Track

### Course Common to All Physics Programs

PHYS331	Mechanics I	3
PHYS332	Electromagnetic Field Theory	3
PHYS334	Modern Physics I	3
PHYS334	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

### Astronomy Track

MATH332	Linear Algebra	3
PHYS488	Undergraduate Research	2
PHYS430	Math Methods for Physicists	3
PHYS333	Thermodynamics	3
PHYS103	Planetary Astronomy	3
PHYS113	Stellar Astronomy	4
PHYS403	Astrophysics	3
	Advanced Physics Elective	3
	Support Field (9 ADV)	26
	Computer Science Elective	3

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Track Courses= 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