

**UTSA Bachelor of Science in Physics  
Four-Year Program of Study  
2006-2008**

FALL			SPRING		
<b>FIRST YEAR</b>					
WRC 1013	Freshman Comp I	3	WRC 1023	Freshman Comp II	3
CORE	Domain IV: World Society	3	MAT 1223	Calculus II	3
CHE 1103	General Chemistry I	3	CHE 1113	General Chemistry II	3
MAT 1214	Calculus I	4	CHE 1132	General Chemistry II Lab	2
CORE	Domain IIIB: Arts	3	PHY 1943*	Physics for Scientists I	3
			PHY 1951*	Physics for Sci I Lab	1
<b>TOTAL</b>		<b>16</b>	<b>TOTAL</b>		<b>15</b>
<b>SECOND YEAR</b>					
PHY 1963*	Physics for Scientists II	3	PHY 1983*	Physics for Scientists III	3
PHY 1971*	Physics for Sci II Lab	1	PHY 1991*	Physics for Sci III Lab	1
CS 1073	Intro to Comp Prog	3	CORE	Domain IIA: History	3
MAT 2213	Calculus III	3	MAT 2233	Linear Algebra	3
ELEC	CoS Elective	3	MAT 3613	Differential Equations I	3
CORE	Domain IIIA: Literature	3	ELEC	CoS Elective	3
<b>TOTAL</b>		<b>16</b>	<b>TOTAL</b>		<b>16</b>
<b>THIRD YEAR</b>					
POL 1013	Domain IIB	3	CORE	Domain IIB: Politics	3
CORE	Domain IIA: History	3	CORE	Domain IID: Economics	3
PHY 3203	Classical Mechanics I	3	PHY 3293	Thermal Physics	3
PHY 3823	Mathematical Physics I	3	PHY 4823	Mathematical Physics II	3
PHY 3103	Modern Physics	3	PHY 3XX3	UD Physics Elective	3
PHY 3XX3	UD Physics Elective	3			
<b>TOTAL</b>		<b>18</b>	<b>TOTAL</b>		<b>15</b>
<b>FOURTH YEAR</b>					
CORE	Domain IIC: Soc/Beh Sci	3	PHY 3513	Electrodynamics	3
PHY 3343**	Advanced Physics Lab I	3	PHY 4423	Quantum Mechanics II	3
PHY 3443	Modern Optics	3	ELEC	CoS Elective	3
PHY 4263	Quantum Mechanics I	3	PHY 3XX3	UD Physics Elective	3
PHY 3423	Electricity/Magnetism	3	PHY 3XX3	UD Physics Elective	3
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>15</b>

Total hrs for BS/PHY is 126.

TOTAL: 126

Notes: Check the student's catalog of graduation for course prerequisites.

Due to the low number of physics majors, the UD level courses in physics are offered according to the students' need to graduate.

Usually offered each academic year: PHY 3293, 3443, 3103, 3203, 3423, 3453 and 4263.

\*A grade of C or better is required.

\*\* Offered Fall 2006, Spring 2008, Spring 2009.

It is understood that all other provisions of the catalog must be met.