

**UTSA Bachelor of Arts in Physics  
Four-Year Plan  
2010-12**

*starting with MAT 1093/CHE 1073*

<b>FIRST YR</b>			<b>FALL</b>			<b>SPRING</b>		
MAT 1093 <sup>^</sup>	Precalculus	3	MAT 1214	Calculus I	4	CHE 1103*	General Chemistry I	3
CHE 1073 <sup>^</sup>	Basic Chemistry	3	CHE 1122 <sup>^</sup> /20	General Chem I Lab/lecture	2/0	WRC 1023	Freshman Comp II	3
WRC 1013	Freshman Comp I	3	CS 1073	Intro to Comp Prog	3			
CORE	Domain IIA: History	3						
CORE	Domain IIC: Soc/Beh Sci	3						
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>15</b>			
<b>SECOND YR</b>								
PHY 1943/51	Physics for Scientists I /Lab	3/1	PHY 1963/71	Physics for Scientists II/Lab	3/1			
MAT 1224	Calculus II	4	MAT 2214	Calculus III	4	CORE	Domain IIA: History	3
CHE 1113**	General Chemistry II	3	CORE	Domain IV: WSI	3			
CHE 1132/30	General Chem II Lab/lecture	2/0						
<b>TOTAL</b>		<b>13</b>	<b>TOTAL</b>		<b>14</b>			
<b>SUMMER</b>								
PHY 1983/91	Physics for Scientists III/Lab	3/1						
<b>THIRD YEAR</b>								
PHY 3103	Modern Physics	3	PHY 3343***	Advanced Physics Lab	3			
PHY 3293	Thermal Physics	3	PHY 3423	Electricity/Magnetism	3			
PHY 3823	Mathematical Physics I	3	COS 3XX3	UD Coll of Sci Elective	3	CORE	Domain IIB: Politics	3
PHY 3203	Classical Mechanics I	3	CORE	Domain IID: Economics	3			
CORE	Domain IIIA: Literature	3						
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>15</b>			
<b>FOURTH YEAR</b>								
PHY 3XX3	UD Physics Elective	3	COS 3XX3	UD Coll of Sci Elective	3			
COS 3XX3	UD Coll of Sci Elective	3	COS 3XX3	UD Coll of Sci Elective	3			
COS 3XX3	UD Coll of Sci Elective	3	COS 3XX3	UD Coll of Sci Elective	3			
COS XXX2	College of Sciences Elective	2	COS XXX3	College of Sciences Elective	3			
POL 1013	Domain IIB	3	CORE	Domain IIIB: Arts	3			
<b>TOTAL</b>		<b>14</b>	<b>TOTAL</b>		<b>15</b>			

Total hrs for BA/PHY is 120.

Hours listed here: 120

Notes: Check the 2010-12 catalog 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 for all PHY courses and COS prerequisites.

<sup>^</sup>CHE 1073, CHE 1122, and MAT 1093 are prereqs and count as COS electives.

\*or CHE 1143 Gen Chem I Honors

\*\*or CHE 1153 Gen Chem II Honors

\*\*\*Offered in spring.

All other provisions of the catalog must be met.