

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

starting with MAT/CHE 1073

FIRST YR			FALL			SPRING		
MAT 1073 [^]	Algebra- Scientists/Engineers	3	MAT 1093 [^]	Precalculus	3	CHE 1103*	General Chemistry I	3
CHE 1073 [^]	Basic Chemistry	3	CHE 1122 [^] /20	General Chem I Lab/lecture	2/0	WRC 1023	Freshman Comp II	3
WRC 1013	Freshman Comp I	3	WRC 1023	Freshman Comp II	3	CS 1073	Intro to Comp Prog	3
CORE	Domain IIA: History	3						
CORE	Domain IIC: Soc/Beh Sci	3						
TOTAL		15	TOTAL		14			
SUMMER								
MAT 1214	Calculus I	4	CORE	Domain IIIA: Literature	3			
SECOND YR								
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			
CHE 1113**	General Chemistry II	3	CORE	Domain IIA: History	3			
CHE 1132/30	General Chem II Lab/lecture	2/0	CORE	Domain IV: WSI	3			
TOTAL		13	TOTAL		14			
SUMMER								
PHY 1983/91	Physics for Scientists III/Lab	3/1						
THIRD YEAR								
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			
PHY 3203	Classical Mechanics I	3	CORE	Domain IIB: Politics	3			
			CORE	Domain IID: Economics	3			
TOTAL		12	TOTAL		15			
FOURTH YEAR								
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	CORE	Domain IIIB: Arts	3			
POL 1013	Domain IIB	3						
TOTAL		12	TOTAL		14			

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.

[^]CHE 1073, CHE 1122, MAT 1073 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.