

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

starting with MAT 1214

FIRST YR			SPRING		
MAT 1214	Calculus I	4	MAT 1224	Calculus II	4
CHE 1103*	General Chemistry I	3	PHY 1943/51	Physics for Scientists I /Lab	3/1
CHE 1122^/20	General Chem I Lab/lecture	2/0	CS 1073	Intro to Comp Prog	3
WRC 1013	Freshman Comp I	3	WRC 1023	Freshman Comp II	3
CORE	Domain IIC: Soc/Beh Sci	3			
TOTAL		15	TOTAL		14
SECOND YR					
PHY 1963/71	Physics for Scientists II/Lab	3/1	PHY 1983/91	Physics for Scientists III/Lab	3/1
MAT 2214	Calculus III	4	COS 3XX3	UD Coll of Sci Elective	3
CHE 1113**	General Chemistry II	3	CORE	Domain IIA: History	3
CHE 1132/30	General Chem II Lab/lecture	2/0	CORE	Domain IV: World Society	3
CORE	Domain IIA: History	3	COS XXX3	College of Sciences Elective	3
TOTAL		16	TOTAL		16
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 IIIA: Literature	3	CORE	Domain IID: Economics	3
TOTAL		15	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 XXX3	College of Sciences 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
TOTAL		14	TOTAL		15

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 1122 is a prereq for CHE 1132 and counts 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.