

BA IN PHYSICS ACADEMIC MAP 2018-2019

Degree in Three

Students would be expected to complete the following before starting at the University of North Texas. Students can earn AP credit, transfer credit or a combination of both:

AP Exam	Score	Dual Credit or Transfer Credit	Hrs.
English Language and Composition	5	ENGL 1301 and 1302	6
History, U.S.	3, 4, 5	HIST 1301 and 1302	6
Chemistry	5	CHEM 1411 and 1412	8
Government and Politics-US	3, 4, 5	GOVT 2305	3
Calculus BC	3, 4, 5	MATH 2313 (2413; 2513) and 2314 (2414)	6-9
Credit:	30		29-32

Courses at UNT:

<i>Year One</i>			
FALL	Hrs.	SPRING	Hrs.
PHYS I & Lab Option	4	PHYS II & Lab Option	4
MATH 2730 Multivariable Calculus	3	Language, Philosophy, & Culture	3
Creative Arts	3	Social Behavioral Sciences	3
COS Breadth	3	COS Breadth	3
		Elective	3
Total hours	13	Total hours	16

<i>Year Two</i>			
FALL	Hrs.	SPRING	Hrs.
PHYS 3010/3030 Modern Physics & Lab	4	PHYS Elective (Advanced)	3
PHYS Elective (Advanced)	3	PHYS Elective (Advanced)	3
COS Breadth	3	PSCI 2306 US & TX Constitutions & Institut	3
Elective (Advanced)	3	COS Breadth	3
Elective	3	Elective (Advanced)	3
Total hours	16	Total hours	15

<i>Year Three</i>			
FALL	Hrs.	SPRING	Hrs.
PHYS Elective (Advanced)	3	PHYS Elective (Advanced)	3
Elective (Advanced)	3	Elective (Advanced)	3
Elective (Advanced)	3	Elective (Advanced)	3
Elective (Advanced)	3	Elective	3
Elective (Advanced)	3	Elective	1-4
Total hours	15	Total hours	13-16

Options for Advanced Physics Electives:

- PHYS 4150 Experimental Physics I
- PHYS 4220 Electromagnetic Waves
- PHYS 4420 Physical Optics
- PHYS 4520 Nano Physics
- PHYS 4500 Intro to Solid-State Physics
- PHYS 4600 Computer Based Physics
- 4650 Astrophysics