

BA IN PHYSICS

DEGREE IN THREE ACADEMIC MAP

2017-2018 CATALOG YEAR

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 1301/1302	6.0
History, U.S	3, 4, 5	HIST 1301/1302	6.0
Physics C	3	PHYS 2326/2126	4.0
Chemistry	5	CHEM 1411	4.0
		CHEM 1412	4.0
Government and Politics-Comparative	3, 4, 5	PSCI 2305	3.0
Calculus BC	3, 4, 5	MATH 2314/2414	3.0-4.0
Credit:	22-28		30-31

First Year at UNT:

Year One				
FALL	Hrs.	SPRING		Hrs.
PHYS 1510/1530 Physics I w/Calc.& Lab	4	PHYS 1520/1540 Physics II w/Calc.& Lab		4
MATH 2730 Multivariable Calculus	3	Language, Philosophy, & Culture		3
Creative Arts	3	Social Behavioral Sciences		3
LANG 1010	3	LANG 1020		3
<i>Total hours</i>	<i>13</i>	<i>Total hours</i>		<i>13</i>

Year Two				
FALL	Hrs.	SPRING		Hrs.
PHYS 3010/3030 Modern Physics & Lab	3	PHYS 3420 Electronics		3
PHYS 4600 Computer Based Physics	3	PHYS 4110 Stats & Thermal Physics		3
MATH 3410 Differential Equations I	3	PHYS 4150+ Experimental Physics I		3
LANG 2040	3	PHYS 4520* Nanoscale Materials		3
		LANG 2050		3
<i>Total hours</i>	<i>12</i>	<i>Total hours</i>		<i>15</i>

Year Three				
FALL	Hrs.	SPRING		Hrs.
PHYS 4210 Electricity and Magnetism	3	PHYS 4500+ Intro. to Solid State		3
PHYS 4420* Electromagnetic Waves	3	PHYS 4420* Electromagnetic Waves		3
PHYS 4650+ Modern Astrophysics	3	PSCI 2306 Texas Government		3
Elective (Advanced)	3	Elective (Advanced)		3
Category I	3	Elective (Advanced)		3
<i>Total hours</i>	<i>12</i>	<i>Total hours</i>		<i>12</i>

*Course is offered on Odd Years +Course is offered on Even Years