

# BS IN BIOCHEMISTRY ACADEMIC MAP 2022-2023

## 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	3, 4, 5	ENGL 1301	3
Biology	4, 5	BIOL 1406 and BIOL 1407	8
Chemistry	5	CHEM 1411 and CHEM 1412	8
Government and Politics – U.S.	3, 4, 5	GOVT 2305	3
Calculus BC	3, 4, 5	MATH 2313 (2413; 2513) and 2314 (2414)	6-9
<b>Credit:</b>	<b>29-32</b>		<b>28-31</b>

### Courses at UNT:

*This major requires specific grade and GPA requirements. Please see the catalog for more detailed information.*

<i>Year One</i>			
FALL	Hrs.	SPRING	Hrs.
CHEM 2370/3210 Organic Chem I & Lab	4	CHEM 2380/3220 Organic Chem II & Lab	4
PHYS 1510/1530 Gen Phys I w/Cal & Lab <b>OR</b> PHYS 1710/1730 Mechanics & Lab	4	PHYS 1520/1540 Gen Phys II w/Cal & Lab <b>OR</b> PHYS 2220/2240 Elect & Magnet & Lab	4
PSCI 2306 US & TX Constitutions & Institut	3	TECM 2700 Technical Writing	3
Elective	3	Elective	3
<b>Total hours</b>	<b>14</b>	<b>Total hours</b>	<b>14</b>

<i>Year Two</i>			
FALL	Hrs.	SPRING	Hrs.
BIOC 4540/4560 Biochemistry I & Lab	5	BIOC 4550 Biochemistry II	3
CHEM 3510 Physical Chemistry I	3	CHEM 3520 Physical Chemistry II	3
BIOL Advanced Elective with Lab	4	Creative Arts	3
HIST 2610 United States History to 1865	3	HIST 2620 United States History Since 1865	3
		Social and Behavioral Sciences	3
<b>Total hours</b>	<b>15</b>	<b>Total hours</b>	<b>15</b>

<i>Year Three</i>			
FALL	Hrs.	SPRING	Hrs.
CHEM 3451/3452 Quant Analysis & Lab	4	BIOC 4570/4580 Molecular Bio of Gene & Lab	5
BIOL 3510/3520 Cell Biology & Lab	4	BIOL 3451/3452 Genetics & Lab	4
Language, Philosophy, and Culture	3	Elective	3
Elective	1-2	Elective	3
Elective	3	Elective	0-3
<b>Total hours</b>	<b>15-16</b>	<b>Total hours</b>	<b>15-18</b>