

## BA IN BIOCHEMISTRY ACADEMIC MAP 2021-2022

### 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
English Literature and Composition	3, 4, 5	ENGL 2332	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 AB	3, 4, 5	MATH 2313 (2413; 2513)	3-5
<b>Credit:</b>	<b>29-32</b>		<b>28-30</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	4	PHYS 1520/1540 Gen Phys II w/Cal & Lab	4
PSCI 2306 US & TX Constitutions & Institut	3	TECM 2700 Technical Writing	3
COS Breadth <b>OR</b> LANG 2040 Intermediate I	3	COS Breadth <b>OR</b> LANG 2050 Intermediate II	3
<b>Total hours</b>	<b>14</b>	<b>Total hours</b>	<b>14</b>

<i>Year Two</i>			
FALL	Hrs.	SPRING	Hrs.
BIOC 3621/3622 Principles of Biochem & Lab <b>OR</b> BIOC 4540/4560 Biochem I & Lab	4-5	BIOC 4550 Biochem II (if you took BIOC 4540) <b>OR</b> Elective	3
CHEM 3451/3452 Quant Analysis & Lab	4	CHEM 3530 Physical Chem for Life Sci	4
HIST 2610 United States History to 1865	3	HIST 2620 United States History Since 1865	3
COS Breadth <b>OR</b> Elective	3	Creative Arts	3
		COS Breadth <b>OR</b> Elective	3
<b>Total hours</b>	<b>14-15</b>	<b>Total hours</b>	<b>16</b>

<i>Year Three</i>			
FALL	Hrs.	SPRING	Hrs.
BIOL Advanced Elective with Lab	4	BIOC 4570/4580 Molecular Bio of Gene & Lab	5
BIOL 3510/3520 Cell Biology & Lab	4	Social and Behavioral Sciences	3
Elective (Advanced)	3	BIOL Advanced Elective with Lab	4
Elective	3	Elective (Advanced)	2
Elective	1-3	Elective	0-3
<b>Total hours</b>	<b>15-17</b>	<b>Total hours</b>	<b>14-17</b>