

## BS IN CHEMISTRY 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	5	ENGL 1301 and 1302	6
Chemistry	5	CHEM 1411 and 1412	8
History – U.S.	3, 4, 5	HIST 1301 and 1302	6
Government and Politics – U.S.	3, 4, 5	PSCI 2305	3
Calculus BC	3, 4, 5	MATH 2313 (2413; 2513) and 2314 (2414)	6-9
<b>Credit:</b>	<b>30</b>		<b>29-32</b>

#### *Courses at UNT:*

<i>Year One</i>			
<b>FALL</b>	<b>Hrs.</b>	<b>SPRING</b>	<b>Hrs.</b>
CHEM 1400 First Year Seminar in Chemistry	1	CHEM 2380/3220 Organic Chem II & Lab	4
CHEM 2370/3210 Organic Chem I & Lab	4	PHYS 2220/2240 Elect & Magnet & Lab	4
PHYS 1710/1730 Mechanics and Lab	4	MATH 2700 Linear Alg & Vector Geom	3
MATH 2730 Multivariable Calculus	3	Minor	3
Minor	3		
<b>Total hours</b>	<b>15</b>	<b>Total hours</b>	<b>14</b>

<i>Year Two</i>			
<b>FALL</b>	<b>Hrs.</b>	<b>SPRING</b>	<b>Hrs.</b>
CHEM 3510/3230 Physical Chem I & Lab	4	CHEM 3520/3240 Physical Chem II & Lab	4
CHEM 3451/3452 Quant Analysis & Lab	4	CHEM 4*** Level	3
Creative Arts	3	Social and Behavioral Sciences	3
Minor	3	Minor	3
Elective	3	Elective	3
<b>Total hours</b>	<b>17</b>	<b>Total hours</b>	<b>16</b>

<i>Year Three</i>			
<b>FALL</b>	<b>Hrs.</b>	<b>SPRING</b>	<b>Hrs.</b>
CHEM 4610 Advanced Inorganic Chem	3	CHEM 4620 Advanced Inorganic Chem Lab	1
CHEM 4*** Level (BIOC 4540 for ACS cert)	3	CHEM 4631/4632 Instrument Analysis & Lab	4
Language, Philosophy, & Culture	3	PSCI 2306 US & TX Constitutions & Institut	3
Minor (Advanced)	3	Minor (Advanced)	3
Elective (Advanced)	2	Elective	1-4
<b>Total hours</b>	<b>14</b>	<b>Total hours</b>	<b>12-15</b>