

BS in Biochemistry

*Following is **one** suggested four-year degree plan. Students are encouraged to see their adviser each semester for help with program decisions and enrollment. **Some requirements may have changed because the University Core Curriculum was being revised at the time this catalog went to press. Contact a degree program adviser.***

BS in Biochemistry html

FRESHMAN YEAR		FRESHMAN YEAR	
FALL	HOURS	SPRING	HOURS
BIOC 2000, Vistas in Biochemistry	1	BIOL 2040, Biology of Microorganisms, or BIOL 1720, Principles of Biology II or BIOL 1722, Honors Principles of Biology II	3
BIOL 1710, Principles of Biology I ²⁵ or BIOL 1711, Honors Principles of Biology I ²⁵	3	BIOL 1740, Principles of Biology II Laboratory	1
BIOL 1730, Principles of Biology I Laboratory	1	CHEM 1420, General Chemistry, or CHEM 1423, Honors General Chemistry ¹⁰	3
CHEM 1410, General Chemistry, or CHEM 1423, Honors General Chemistry ¹⁰	3	CHEM 1440, General Chemistry Laboratory	1
CHEM 1430, General Chemistry Laboratory	1	ENGL 1320, College Writing II ⁶	3
ENGL 1310, College Writing I	3	MATH 1720, Calculus II	3
MATH 1710, Calculus I ⁴	4	CSCI ¹	3
Total	16	Total	17
SOPHOMORE YEAR		SOPHOMORE YEAR	
FALL	HOURS	SPRING	HOURS
BIOC 2000, Vistas in Biochemistry	1	BIOL 3450, Genetics	4
CHEM 2370, Organic Chemistry	3	CHEM 2380, Organic Chemistry	3
CHEM 3210, Organic Chemistry Laboratory ²⁰	1	CHEM 3220, Organic Chemistry Laboratory	1
ENGL 2210, World Literature I	3	ENGL 2220, World Literature II	3
PHYS 1410, General Physics I, or PHYS 1710, Mechanics	3	PHYS 1420, General Physics II, or PHYS 2220, Electricity and Magnetism	3
PHYS 1430, General Physics Laboratory I, or PHYS 1730, Laboratory in Mechanics	1	PHYS 1440, General Physics Laboratory II, or PHYS 2240, Laboratory in Wave Motion, Electricity, Magnetism and Optics	1
PSCI 1040, American Government I Oral Communication ²	3	PSCI 1050, American Government II	3
Total	18	Total	18
JUNIOR YEAR		JUNIOR YEAR	
FALL	HOURS	SPRING	HOURS
BIOC 4540, Biochemistry I	3	BIOC 4550, Biochemistry II	3
BIOC 4560, Biochemistry Laboratory	2	BIOC 4570, Biochemistry and Molecular Biology of the Gene	3
BIOL 3510, Cell Biology	3	BIOC 4580, Biochemistry and Molecular Biology of the Gene Laboratory	1
BIOL 3520, Cell Biology Laboratory	1	HIST 2620, United States History Since 1865 ¹²	3
CHEM 3450, Quantitative Analysis	4	LANG 2050, Foreign Language (intermediate) ²³	3
LANG 2040, Foreign Language (intermediate) ²³	3	Science Option (advanced) ¹⁶	2
Total	16	Wellness ¹¹	3
SENIOR YEAR		SENIOR YEAR	
FALL	HOURS	SPRING	HOURS
CHEM 3510, Physical Chemistry I	3	CHEM 3520, Physical Chemistry II	3
ECON 1110, Principles of Macroeconomics	3	Elective (advanced) ¹⁶	4
HIST 2610, United States History to 1865 ¹²	3	Science (advanced) ²⁹	4
BIOL (advanced) ²⁷	4	Understanding of Ideas and Values ⁸	3
Visual and Performing Arts ⁷	3	Understanding of Ideas and Values ⁸	3
Total	16	Total	17

Actual degree plans may vary depending on availability of courses in a given semester.

Some courses may require prerequisites not listed.

See Arts and Sciences notes in supplement booklet for footnotes.

Summary of Degree Requirements:

Biochemistry/Chemistry (24 advanced):	40	
Biology Minor (12 advanced):	20	
Mathematics:	7	
Physics:	8	
Computer Science:	0-3	
Division of Science Electives (4 advanced):	6	
*Core:		English 12
History	6	
Political Science	6	
Wellness	3	
Economics	3	
Understanding of Ideas and Values	6	
Visual and Performing Arts	3	
Philosophy	3	
Foreign Language:	6	
Electives:	0-9	
Oral Communication Skills Competency:	0-3	

*** The University Core Curriculum was being revised at the time this catalog went to press. Consult a degree program adviser or the university's Web site (www.unt.edu/catsched/).**

Note:

42 hours must be advanced;

24 advanced hours must be taken at UNT.

24 of the last 30 hours must be completed at UNT.

A total of 84 hours in the division of sciences, of which 40 must be advanced.
