

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.

BS in Biochemistry

FRESHMAN YEAR

FALL	HOURS
BIOC 2000, Vistas in Biochemistry	1
BIOL 1710, Principles of Biology I ²⁵ or BIOL 1711, Honors Principles of Biology I ²⁵	3
BIOL 1730, Principles of Biology I Laboratory	1
CHEM 1410, General Chemistry, or CHEM 1423, Honors General Chemistry ¹⁰	3
CHEM 1430, General Chemistry Laboratory	1
ENGL 1310, College Writing I	3
MATH 1710, Calculus I ⁴	4
Total	16

FRESHMAN YEAR

SPRING	HOURS
BIOL 2040, Biology of Microorganisms, or BIOL 1720, Principles of Biology II or BIOL 1722, Honors Principles of Biology II	3
BIOL 1740, Principles of Biology II Laboratory	1
CHEM 1420, General Chemistry, or CHEM 1423, Honors General Chemistry ¹⁰	3
CHEM 1440, General Chemistry Laboratory	1
CHEM 1440, General Chemistry Laboratory	1
ENGL 1320, College Writing II ⁶	3
MATH 1720, Calculus II	3
CSCI ¹	3
Total	17

SOPHOMORE YEAR

FALL	HOURS
BIOC 2000, Vistas in Biochemistry	1
CHEM 2370, Organic Chemistry	3
CHEM 3210, Organic Chemistry Laboratory ²⁰	1
ENGL 2210, World Literature I	3
PHYS 1410, General Physics I, or PHYS 1710, Mechanics	3
PHYS 1430, General Physics Laboratory I, or PHYS 1730, Laboratory in Mechanics	1
PSCI 1040, American Government I	3
Oral Communication ²	3
Total	18

SOPHOMORE YEAR

SPRING	HOURS
BIOL 3450, Genetics	4
CHEM 2380, Organic Chemistry	3
CHEM 3220, Organic Chemistry Laboratory	1
ENGL 2220, World Literature II	3
PHYS 1420, General Physics II, or PHYS 2220, Electricity and Magnetism	3
PHYS 1440, General Physics Laboratory II, or PHYS 2240, Laboratory in Wave Motion, Electricity, Magnetism and Optics	1
PSCI 1050, American Government II	3
Total	18

JUNIOR YEAR

FALL	HOURS
BIOC 4540, Biochemistry I	3
BIOC 4560, Biochemistry Laboratory	2
BIOL 3510, Cell Biology	3
BIOL 3520, Cell Biology Laboratory	1
CHEM 3450, Quantitative Analysis	4
LANG 2040, Foreign Language (intermediate) ²³	3
Total	16

JUNIOR YEAR

SPRING	HOURS
BIOC 4550, Biochemistry II	3
BIOC 4570, Biochemistry and Molecular Biology of the Gene	3
BIOC 4580, Biochemistry and Molecular Biology of the Gene Laboratory	1
HIST 2620, United States History Since 1865 ¹²	3
LANG 2050, Foreign Language (intermediate) ²³	3
Science Option (advanced) ¹⁶	2
Wellness ¹¹	2-3
Total	17-18

SENIOR YEAR

FALL	HOURS
CHEM 3510, Physical Chemistry I	3
ECON 1110, Principles of Macroeconomics	3
HIST 2610, United States History to 1865 ¹²	3
BIOL (advanced) ²⁷	4
Visual and Performing Arts ⁷	3
Total	16

SENIOR YEAR

SPRING	HOURS
CHEM 3520, Physical Chemistry II	3
Elective (advanced) ¹⁶	4
Science (advanced) ²⁹	4
Understanding of Ideas and Values ⁸	3
Understanding of Ideas and Values ⁸	3
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	2-3
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

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.
