Bachelor of Arts in Biology
2024 - 2025 Advising Handout

Important Information About Your Degree

- **UNT Double-Dip Course Policy (Best Selection):** Courses shown in *italics* satisfy multiple degree program requirements. Students who do not take the Best Selection courses, will have to take additional courses to meet program requirements. Whether or not the course is taken to fulfill a specific university core category, all courses are required by the program to complete the degree. Electives may be required due to double-dipping.
- Hour and GPA Requirements for graduation/degree completion:
  - BA in Biology requires at least 120 hours, 36 advanced hours, 2.00 UNT GPA, 2.00 overall GPA and 2.5 Foundational GPA
- **"C" or Higher:** Courses marked with an asterisk (*) require a grade of **"C" or Higher**
- Courses in **bold** require prerequisites. Prerequisites are listed in the university catalog with the course description.
- An official degree audit is required for graduation; Students **must** meet with an academic advisor to request that their audit be made official. Students can review degree requirements by running their audit at http://mydegreeaudit.unt.edu/
- For major-specific career information, contact the Department of Biological Sciences in LIFE A128 or at biology@unt.edu.
- For information about allied health graduate programs, contact the Office of Health Professions in Hickory Hall 256 or at healthcareers@unt.edu.
- For teaching certification courses and requirements, contact tnt@unt.edu.
- For assistance with TSI status or mandatory courses, contact TSI@unt.edu.
- For additional program information visit https://cos.unt.edu/advising or contact the COS Advising Center at cosadvising@unt.edu.

Advising Notation Key		
X = Requirement Completed Credit is posted within the degree audit.	**IP** = In Progress/Pending Credit Advisor has seen proof from an unofficial transcript or an official score	**?** = Needs further evaluation Student may need to provide additional information. (ex. a course syllabus)

	Foundation Requirements: All Foundation courses need at least a C or higher and with a 2.50 or higher GPA before taking any advanced biology courses	
	BIOL 1710 – Principles of Biology I*	3
	BIOL 1720* – Principles of Biology II	3
	BIOL 1760* – Biology for Science Majors Lab	2
	One of the following courses:	
	BIOL 2041* & 2042* – Microbiology & Lab	4
	BIOL 2140* – Ecology	3
	BIOL 2241* – Higher Plants	3
	BIOL 2251* – Biodiversity and Conservation of Animals	3
	BIOL 2302* & 2312* – Anatomy & Physiology 2 & Lab	4
	CHEM 1410* & 1430* – General Chemistry I & Lab	4
	CHEM 1420* & 1440* – General Chemistry II & Lab	4
	CHEM 2370* & 3210* – Organic Chemistry I & Lab	4
	One of the following math courses:	
	MATH 1680* – Elementary, Probability & Statistics	3
	MATH 1650* – Pre-Calculus	5
	Major Requirements Must complete all Foundation and Major courses with a C or higher	
	Second 2000-Level courses (different from Foundation course):	
	BIOL 2041* & 2042* – Microbiology & Lab	4
	BIOL 2140* – Ecology	3
	BIOL 2241* – Higher Plants	3
	BIOL 2251* – Biodiversity and Conservation of Animals	3
	BIOL 2302* & 2312* – Anatomy & Physiology 2 & Lab	4
	BIOL 3451* & 3452* – Genetics & Lab	4
	BIOL 3510* & 3520* – Cell Biology & Lab	4
	One of the following	
	BIOL 3800* & 4510* – Animal Physiology & Lab	4
	BIOL 4501* & 4502* – Bacterial Diversity & Physiology & Lab	4
	BIOL 4503* & 4504* – Plant Physiology & Lab	4
	BIOL 4505* & 4510* – Comparative Animal Physiology & Lab	4
	Seven hours of advanced biology courses. Must be either one lecture with lab and another lecture, or three lectures.	
	BIOL 3000 – 4000 level*	
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	CHEM 2380* & 3220* – Organic Chemistry II & Lab	4
	One of the following:	
	CHEM 3451* & 3452* – Quantitative Analysis & Lab	4
	CHEM 3530* – Physical Chemistry for Life Science	4
	BIOC 3621* & 3622* – Principles of Biochemistry & Lab	4
	BIOC 4540* and BIOC 4550* – Biochemistry I & II	6
	Other Required Courses for Degree	
	One of the following math courses:	
	MATH 1680 – Elementary, Probability & Statistics	3
	MATH 1710 – Calculus I	4
	PHYS 1410 & 1430 – General Physics I & Lab	4
	PHYS 1420 & 1440 – General Physics II & Lab	4

	University Core Requirements 42 hours – Students may elect to take any course approved for the University Core Curriculum to fulfill these requirements; however, there are courses recommended in the core categories for students pursuing a Biology major	
	Composition I*:	3
	Composition II*:	3
	Math:	3
	Life & Physical Science:	3
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	Creative Arts:	3
	Language, Philosophy & Culture:	3
	US History to 1865:	3
	US History from 1865:	3
	Federal Government:	3
	Texas Government:	3
	Social & Behavioral Sciences:	3
	Component Area Option I:	3
	Component Area Option II:	3
	College Requirements Complete one of the following two options: COS Breadth or Foreign Language	
	Option 1 - COS Breadth: Complete 12 hours from any subject outside of College of Science (Cannot count for Core)	
	Breadth -	3
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	Breadth -	3
	Breadth -	3
	Option 2 - Foreign Language: Must demonstrate proficiency through the 2050 level in one language: Arabic, American Sign Language, Chinese, French, German, Italian, Japanese, Korean, Latin, or Spanish	
	2040 –	3
	2050 –	3
	Minor Requirements	
	All Biology majors are awarded a Chemistry minor after completing their required chemistry courses within their degree requirements. Students can choose to add additional minors.	
	Additional University Requirements	
	A minimum of 11 hours of advanced electives are needed to meet university requirement of 36 advanced hours	

This information is for **ADVISING ONLY and is not official. Requirements can and do change without notification.*