

COURSE	FA	SP	SU	COMMENTS
<b>BIOLOGY</b>				
1710 Biology for Science Majors I	●	●	5W1	Honor's students may take 1711 - Fall only
1720 Biology for Science Majors II	●	●	5W2	Honor's students may take 1722 - Spring only
1750 Introductory Biology Research Lab I	●	●		PHAGES - 1750 can be used to fulfill BIOL 1760
1755 Introductory Biology Research Lab II	●	●		PHAGES
1760 Biology for Science Majors Lab	●	●	8W1	TAMS Students may take 1761 - Fall only
2041/2042 Microbiology and Lab	●	●	●	
2140 Principles of Ecology	●	●	●	
2141 Ecology Lab	●	●		
2241 Biology of Higher Plants	●			
2251 Biodiversity and Conservation of Animals	●	●		
2301/2311 Human Anatomy and Physiology I and Lab	●	●	5W1	
2302/2312 Human Anatomy and Physiology II and Lab		●	5W2	
2700 Human Evolution and Physical Anthropology	●	●		
3030 Careers in the Life Sciences		●		Can be used for BIOL advanced electives for BS only
3080 Physiological Bases of Exercise and Sport	●	●		
3160 Conservation Biology	●		5W1	
3331 Biomedical Criminalistics		●		
3381/3382 Medical Bacteriology and Lab		●		
3451/3452 Genetics and Lab	●	●	8W1	
3500 Medical Terminology	●	●		CANNOT be used for BIOL advanced electives for BS or BA
3510/3520 Cell Biology	●	●	5W2	
3770 Biotechnology		●		
3800 Animal Physiology	●	●	5W1	Lab is BIOL 4510
3850 Introduction to Computational Life Sciences	Offered on an irregular basis			
3900 Advanced Research in Life Sciences*	●	●		
4005 Contemporary Topics in Biology	●	●		Sections of the course may be repeated for credit as topics vary
4030 Physiological Ecology	●			
4045 Foundations of Ecological Theory	Offered on an irregular basis			
4051/4052 Community Ecology	●	●		
4053 Introduction to Subantarctic Biocultural Conservation	●			
4054 Tracing Darwin's Path		●		Study Abroad, meets during wintermester
4055/4056 Ornithology and Lab		●		
4057 Mammalian Ecology and Evolution	●			4 hour course, includes lab
4070 Insect Biology	●			4 hour course, includes lab
4085 Fish Diversity and Ecology	●			
4091/4092 Parasitology and Lab	●		5W1	
4100 Introduction to Environmental Impact Assessment	●	●		
4110 Endocrinology	Offered on an irregular basis			
4201/4202 Immunology and Lab		●		
4220 Neuropsychopharmacology	●	●		
4221 Experimental Methodologies in Neuropsychopharm	Offered on an irregular basis			Advanced BIOL electives for BS only
4240 Forensic Microscopy	●			For Forensic Science students only
4250 Pharmacology: Biological Basis of Drug Action	●			
4260/4261 Principles of Evolution and Lab	●	●		
4290 Marine Biology	●			
4300 Histology	Offered on an irregular basis			4 hour course, includes lab
4320 Integrative Molecular Physiology Lab	Offered on an irregular basis			
4330 Developmental Biology		●		
4370 General Toxicology		●		
4375 Molecular Toxicology		●		
4380 Fundamentals of Aquatic Toxicology		●		3 hour course, includes lab
4440 Stream Ecology		Odd Yrs		

COURSE	FA	SP	SU	COMMENTS
4460 Eukaryotic Genetics	Offered on an irregular basis			
4480 Medical Genetics	●			
4501/4502 Bacterial Diversity and Physiology and Lab	●			
4503/4504 Plant Physiology and Lab		●		
4505 Comparative Animal Physiology	●	●		Lab is BIOL 4510
4510 Physiology of Animals Lab	●	●	●	Lab for 3800 and for 4505
4560 Aquatic Insects of North America		Even Yrs		
4590 Forensic Molecular Biology Lab	●	●		For Forensic Science students only
4751 Neuroscience I: Cells and Circuits	●			
4752 Neuroscience II: Brain and Plasticity		●		
4800 Biological Sciences Seminar Series	●	●		1 SCH; Can be used for BIOL advanced electives for BS only
4810 Biocomputing	●			
4820 Computational Epidemiology	Offered on an irregular basis			
4850 Biology Laboratory Instruction	Offered on an irregular basis			Reqs. permission; Can be used for BIOL adv. electives for BS only
4900 Special Problems*	●	●	●	Can be used for BIOL advanced electives for BS only
<b>BIOCHEMISTRY</b>				
3621/3622 Elementary Biochemistry and Lab	●	●	5W1	
4540 Biochemistry I	●			
4550 Biochemistry II		●		
4560 Biochemistry Lab	●			
4570 Biochemistry and Molecular Biology of the Gene	●	●		
4580 Molecular Biology and Biotechnology Lab	●	●		
<b>CHEMISTRY</b>				
1410/1430 General Chemistry for Science Majors I and Lab	●	●	5W1	Honor's students may take 1412 for the lecture
1420/1440 General Chemistry for Science Majors II and Lab	●	●	5W2	Honor's students may take 1422 for the lecture
2370/3210 Organic Chemistry I and Lab	●	●	5W1	
2380/3220 Organic Chemistry II and Lab	●	●	5W2	
3451/3452 Quantitative Analysis and Lab	●	●		
3510 Physical Chemistry I	●		5W1	
3520 Physical Chemistry II		●	5W2	
3530 Physical Chemistry for the Life Sciences		●		
4351 Forensic Chemistry		●		
4631/4632 Instrumental Analysis and Lab		●		
<b>PHYSICS</b>				
1410/1430 General Physics I and Lab	●	●	5W1	
1420/1440 General Physics II and Lab	●	●	5W2	
1510/1530 General Physics I with Calculus and Lab	●			
1520/1540 General Physics II with Calculus and Lab		●		
1710/1730 Mechanics and Lab	●	●	5W1	
2220/2240 Electricity and Magnetism and Lab	●	●	5W2	

Updated: 01/06/2022

\*Specialty course - requires advising in advance and consultation with the appropriate faculty.

**THINGS TO NOTE:**

- ▶ The Department of Biological sciences offers courses according to demand and resources. By the same token, course offerings may be cancelled due to insufficient enrollment.
- ▶ If you are unsure if a course counts towards your degree, speak with an advisor before enrolling.
- ▶ MATH courses tend to be offered year round. See your advisor for alternatives in the event that it is not being offered.
- ▶ Course descriptions and prerequisites can be found in the University Catalog, which can be found at [catalog.unt.edu](http://catalog.unt.edu)
- ▶ ***This list does not guarantee that a course will be offered-- it lists what is typically offered but is subject to change***