

Graduate Environmental Science Courses - Typical Sequencing

Things to note:

- ▶ This list does not guarantee that a course will be offered - it lists what is typically offered and is subject to change.
- ▶ All departments offer courses according to demand and resources. Course offerings may be cancelled due to low enrollment.
- ▶ Course descriptions and prerequisites can be found in the University Catalog - catalog.unt.edu.

Typical time of day offered (may change): AM = morning; PM = afternoon; EV = evening; Labs tend to be in the afternoon.

Course #	Course Name (Hours)	Semester Offered		Satisfies Requirement For:					Lab
		Fall	Spring	ENSC Core	A - Ecology & Evolution	B - Physical & Chemical	C - Environmental Health	D - Social Science Group	
BIOL									
5035	Behavioral Ecology (3)	AM			X				
5051 & 5052	Community Ecology (3) and lab (1)	PM	AM		X				L-PM
5053	Subantarctic BioCultural Conservation (3)	EV			X			X	
5054	Tracing Darwin's Path (3)	winter-mester			X			X	
5055 & 5056	Ornithology (3) and lab (1)		AM, Even yrs					X	L-PM
5057	Mammalian Ecol and Evol, with lab (4)	AM			X			X	L-PM
5070	Insect Biology, with lab (4)	AM						X	L-PM
5085	Fish Diversity and Ecology, with lab (4)	AM, Even yrs			X			X	L-PM
5130	Biostatistics 1 (3)	PM		stat option					
5140	Biostatistics 2 (3)		PM	stat option					
5260 & 5261	Principles of Evolution (3) and lab (1)		PM		X				
5300	Physiological Ecology (3)	AM			X			X	
5370	General Toxicology (3)		PM				X		
5375	Molecular Toxicology, with lab (3)	AM					X		
5380	Fundamentals of Aquatic Tox, with lab (3)		AM			X			L-PM
5440	Stream Ecology, with lab (4)		AM -Odd yrs		X				L-PM
5503	Plant Physiology (3)		PM					X	
5505	Comparative Animal Physio (3)	PM						X	
5860	Biology Seminar Series (1)	PM	PM	X					

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		ENSC Core	A - Ecology & Evolution	B - Physical & Chemical	C - Environmental Health	D - Social Science Group	E - Organismal Biology
GEOG							
5140	Medical Geography (3)				X		
5185	Statistical Research Methods (3)	stat option					
5190	Spatial Statistics (3)	stat option					
5195	Geospatial Analysis			X			
5260	Advanced Oceanography (3)						
5350	Geomorphology (3)						
5510	GIS for Applied Research (3)						
5525	LiDAR Data Analysis in GIS (3)						
5530	Remote Sensing and Digital Image Analysis (3)						
5550	Advanced GIS (3)						
5580	Advanced GIS Methods in Health (3)				X		
5750	Surface Water Hydrology(3)						
5800	Research Design and Geomorphic Applications (3)						
5850	Introduction to Groundwater Hydrology (3)						

PSYC 5700	Quantitative Methods I, with lab (4)	stat option					
PHIL 5000	Environmental Ethics (3)					X	
PHIL 5010	Seminar in the Philosophy of Ecology (3)					X	