

Thomas Harriot College of Arts and Sciences

B.S. in Multidisciplinary Studies: Concentration in Environmental Studies & Applied Atmospheric Science

Please note that this is a **recommended** sequence.

Check catalog for prerequisites.

Course availability may vary from semester to semester.

FRESHMAN YEAR

Fall Semester		Spring Semester	
ENGL 1100 (WI)	3	**Gen Ed: Science + Lab	4
Gen Ed: Humanities/Fine Arts	3	HLTH 1000 or equivalent	2
Gen Ed: Humanities/Fine Arts	3	MATH 1085 or 1083	3
ATMO 1300	3	ENGL 2490	3
MATH 1065	3	*Social Science Gen Ed	3
	15		15

SOPHOMORE YEAR

ENGL 2201 (WI)	3	ATMO 2510	3
GEOG 2420	3	GEOG 3430	3
MATH 2171	4	MATH 2172	4
ATMO 3230	3	PHYS 2350	3
KINE 1000 or equivalent	1	PHYS 1251	1
	14		14

JUNIOR YEAR

GEOG Elective (WI)	3	ATMO 3520	3
GEOG 3430	3	MATH 3331	3
MATH 2173	3	GIS Elective	3
ATMO 4510	3	ENVS Primary Focus Area	3
PHYS 2360	3	ENVS Secondary Focus Area	3
PHYS 2361	1		
	16		15

SENIOR YEAR

***GEOG 4803	3	***GEOG 4803 or research	3
ATMO 4580	3	ATMO 4525	3
ATMO 3550	3	ATMO 4550	3
GEOG 4999	1	GEOG Elective (WI)	3
ATMO Elective	3	ENVS Secondary Focus Area (WI)	3
ENVS Secondary Focus Area (WI)	3		
	16		15

TOTAL HOURS 120

Confirmed by

BB

Updated: 2024

NOTES:	
*Students choose two courses with different prefixes from the following: ANTH 2005 - <i>Environmental Anthropology</i> , ECON 2113 - <i>Principles of Microeconomics</i> , ENGL 2490 - <i>Introduction to Environmental Humanities</i> , GEOG 1000 - <i>People, Places, and Environments</i> , GEOG 2300 - <i>Environment and Society</i> , GEOG 2350 - <i>Climate Change: Science and Society</i> , PHIL 2276 - <i>Environmental Ethics</i> , PLAN 1900 - <i>Sustainable Cities</i> , RELI 2345 - <i>Religion and the Environment</i> , SOCI 2110 - <i>Introduction to Sociology</i>	
Students choose two courses and associated labs with different prefixes from the following: ATMO 1300 - <i>Weather and Climate</i> , ATMO 2510 - <i>Physical Meteorology and Thermodynamics</i> , BIOL 1010 - <i>Biodiversity of Coastal North Carolina</i> , BIOL 1060 - <i>Environmental Biology</i> , BIOL 1061 - <i>Environmental Biology Laboratory</i> , BIOL 1200 - <i>Principles of Biology II</i> , BIOL 1201 - <i>Principles of Biology Laboratory II</i> , BIOL 2250 - <i>Ecology</i> , BIOL 2251 - <i>Ecology Laboratory</i> , CHEM 1160 - <i>General Chemistry II</i> , CHEM 1161 - <i>General Chemistry Laboratory II</i> , EHST 2110 - <i>Introduction to Environmental Health Sciences</i> , GEOG 1250 - <i>Water in the Environment</i> , GEOG 1251 - <i>Water in the Environment Laboratory</i> , GEOG 2250 - <i>Earth Surface Systems</i> , GEOL 1400 - <i>Bays and Beaches Around the World: Geological Form and Function</i> , GEOL 1500 - <i>Dynamic Earth</i> , GEOL 1501 - <i>Dynamic Earth Laboratory</i> , GEOL 1550 - <i>Oceanography</i> , GEOL 1551 - <i>Oceanography Laboratory</i> , GEOL 1600 - <i>Earth and Life Through Time</i> , GEOL 1700 - <i>Environmental Geology</i> , GEOL 2300 - <i>Current Topics in Geoscience</i>	
variations of Environmental Studies Research and Seminar courses require a faculty mentor and the Environmental Studies Director's approval. Possible options include the following: ANTH 4503 - <i>Independent Study</i> , ANTH 4550 - <i>Anthropology Honors</i> , ANTH 4551 - <i>Anthropology Honors</i> , ANTH 4990 - <i>Internship in Applied Anthropology</i> , BIOL 3550 - <i>Research in Biology with Writing (WI)</i> , BIOL 4991 - <i>Internship</i> , BIOL 4995 - <i>Biology Honors Thesis</i> , GEOG 4803 - <i>Geographic Internship</i> , GEOL 4550 - <i>Honors Thesis</i> , GEOL 4551 - <i>Honors Thesis</i> , GEOL 4601 - <i>Directed Studies in Geology</i> , TEXT 4999 - <i>Thesis in Transformative Texts and Ideas</i> , ICS 3050 - <i>Independent Study in Coastal Studies</i> , ICS 4050 - <i>Internship in Coastal Studies</i>	
A 3 s.h. <i>Global Diversity</i> course and a 3 s.h. <i>Domestic Diversity</i> course are also required (these can coincide with other general education or major courses).	
12 s.h. of <i>Writing Intensive (WI)</i> courses must be completed, including ENGL 1100, ENGL 2201, a course in the major and an additional WI of the student's choice.	