

COLLEGE OF GEOSCIENCES  
TEXAS A&M UNIVERSITY  
**BACHELOR OF SCIENCE IN ENVIRONMENTAL STUDIES**  
CATALOG 131

STUDENT: \_\_\_\_\_

HOME: Environmental Programs, College of Geosciences

COURSE	#	SEM	SUBJECT	HRS
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ATMOSPHERIC SCIENCES				
ATMO	201		Atmospheric Science	3
ATMO	202		Atmospheric Science Lab	1
TOTAL HRS				4

GEOGRAPHY				
GEOG	201		Intro to Human Geography	3
GEOG	203		Intro to Earth Systems Science	4
GEOG	304		Economic Geography	3
GEOG	330		Resources and Environment	3
GEOG	335		Pattern and Process in Biogeog	3
GEOG	390		GIS	3
GEOG	361 or 475 or 450 <sup>1</sup>		Remote Sensing in Geosciences (4 hours) or Advanced Topics in GIS (4 hours) or Field Methods (3 hours) <sup>1</sup>	3/4
TOTAL HRS				22/3

GEOLOGY				
GEOL	101		Principles of Geology	4
TOTAL HRS				4

OCEANOGRAPHY				
OCNG	251		Oceanography	3
OCNG	252		Oceanography Lab	1
TOTAL HRS				4

GEOSCIENCES				
GEOS	105		Intro Environmental Geosciences	3
GEOS	405		Environmental Geosciences	3
GEOS	481 <sup>2</sup>		Seminar <sup>2</sup>	1
TOTAL HRS				7

MATHEMATICS AND STATISTICS				
MATH	141		Business Math I	3
MATH	142		Business Math II	3
STAT	303		Statistical Methods	3
TOTAL HRS				9

ENVIRONMENTAL POLICY ELECTIVES <sup>3</sup>				
				3
				3
				3
				3
				3
				3
TOTAL HRS				18

GEOSCIENCE ELECTIVES <sup>4</sup>				
				3
				3
TOTAL HRS				6

SCIENCE ELECTIVE				
BIOL	113/123		Intro Biology and Intro Biology Lab	3/1
<i>or</i>				
BIOL	101		Intro Botany	4
<i>or</i>				
CHEM	101		Fundamentals of Chemistry	4
TOTAL HRS				4

COMMUNICATIONS <sup>5</sup>				
ENGL	104		Composition and Rhetoric	3
				3
TOTAL HRS				6

CITIZENSHIP				
HIST <sup>6</sup>				3
HIST <sup>6</sup>				3
POLS	206		American National Government	3
POLS	207		State and Local Government	3
TOTAL HRS				12

KINESIOLOGY				
KINE	198		Health and Fitness Activity	1
KINE	199 S/U		Required Physical Activity	1
TOTAL HRS				2

SOCIAL AND BEHAVIORAL SCIENCES				
ECON	202		Principles of Economics	3
TOTAL HRS				3

VISUAL AND PERFORMING ARTS <sup>7</sup>				
				3
TOTAL	HRS			3

HUMANITIES				
PHIL <sup>8</sup>				3
TOTAL HRS				3

FREE ELECTIVES				
				3
				3
				3
				3
TOTAL HRS				12

TOTAL HOURS FOR DEGREE

120

**Other requirements to be satisfied** (see Core Curriculum and Degree Information sections of Catalog 131)

**Residency requirement**

**36 hours** of 300- and/or 400-level course work successfully completed in residence at TAMU

**Foreign language requirement**

**Two units** of the same foreign language in high school *or one year* in college or demonstrate proficiency by examination

**International and cultural diversity requirement**

**6 hrs.**, chosen from a list of approved courses, many of which also satisfy other core curriculum requirements

**Writing intensive course requirement**

at least **two** courses in the major; must be 900 section

## NOTES

1. If taking GEOG 450, and not GEOG 361/475, you are required to take an additional GEOS 481 for one credit.
2. GEOS 481 can be repeated up to four times in this degree plan. Ideally it should be taken in your junior and senior years, but can also be taken in your sophomore year.
3. To be selected in consultation with faculty academic advisor from:

ENVIRONMENTAL POLICY ELECTIVES			Prerequisites
AGEC 350	Environmental and Resource Economics	3	
ECON 203	Principles of Econ: Macroeconomics	3	
ECON 323	Microeconomic Theory	3	MATH 142
ECON 412	Public Finance	3	ECON 323
ECON 435	Economic Resource Scarcity	3	ECON 323
GEOG 309	Geography of Energy	3	
GEOG 360	Natural Hazards	3	
GEOG 406	Geog Perspectives on Urban Issues	3	
GEOG 430	Environmental Justice	3	
GEOS 444	The Science and Politics of Climate Change	3	
GEOS 489	International Polar Year	3	
PLAN 365	Intro to Planning	3	
PLAN 414	Sustainable Communities	3	
POLS 329	Comparative Politics	3	
POLS 331	Intro to World Politics	3	
POLS 340	Public Administration	3	
POLS 342	Politics and Bureaucracy	3	
POLS 347	Politics of Energy	3	
POLS 440	Public Policies and Policymaking	3	
RENr 420	Natural Resource Law	3	
SOCI 312	Population and Society	3	
SOCI 328	Environmental Sociology	3	

4. Select Geoscience elective from ATMO, GEOG, GEOL, GEOP, GEOS, OCNG courses in consultation with faculty academic advisor.
5. Other Communications elective to be selected ENGL 203, 210, 235-236, 241, or 301.
6. Select from HIST 359 (American Environmental History), 360 (History of the American Petroleum Industry), 363 (History of Science in America), or 364 (History of Technology and Engineering in America, 1607-Present)
7. Visual and Performing Arts elective to be selected from the University Core Curriculum.
8. Select from PHIL 205 (Technology and Human Values) or 314 (Environmental Ethics).