

Stephen F. Austin State University
 Arthur Temple College of Forestry and Agriculture
Land, Air, Water Resources Curriculum Guide

General Education Requirement		Environmental Science Core Requirements***	
Communication Required <u>3</u>		BIO 131	Principles of Botany <u>4</u>
ENG 131 ***Rhetoric & Composition		BIO 133	Principles of Zoology <u>4</u>
Communication Options <u>3</u>		BIO 313/ENV 209	General Ecology/Forest Ecology <u>3</u>
COM 111 Public Speaking		BLW 478	Environmental Regulatory Law <u>3</u>
COM 170 Interpersonal Communication		CHE 133L	General Chemistry I Lab <u>1</u>
COM 215 Small Group Communication		CHE 134L	General Chemistry II Lab <u>1</u>
Component Area Required <u>3</u>		CHE 330	Fundamentals of Organic Chemistry <u>3</u>
ENG 132 ***Research & Argument		CHE 330L	Fundamentals of Organic Chemistry Lab <u>1</u>
Component Area Options <u>3</u>		ENV 110	Intro to Environmental Science <u>3</u>
BCM 247, ENG 273, FRE 131, FRE 132, GER 131, GER 132, POR 131, POR 132, SPA 131, SPA 132, SPH 172, SPH 272		ENV 210	Environmental Measurements <u>3</u>
Language, Philosophy, & Culture Options <u>3</u>		ENV 310	Environmental Health and Safety <u>3</u>
ENG 200, ENG 209, ENG 211, ENG 212, ENG 221, ENG 222, ENG 229, ENG 230, ENG 233h, HIS 151, HIS 152, PHI 153, PHI 223		ENV 349	Environmental Soil Science <u>3</u>
Creative Arts Option <u>3</u>		ENV 402	Wetland Delineation and Function <u>3</u>
ART 280, ART 281, ART 282, DAN 140, MHL 245, MUS 140, THR 161, THR 163		ENV 403	Remediation and Reclamation of Disturbed Land <u>3</u>
Social and Behavioral Science Options <u>3</u>		ENV 412	Environmental Hydrology <u>3</u>
ECO 232 Principles of Microeconomics		ENV 415	Environmental Assessment and Management <u>4</u>
Life and Physical Science Required <u>6</u>		ENV 420	Landscape Ecology and Planning <u>3</u>
CHE 133 General Chemistry I		ENV 450	Air Quality Assessment <u>3</u>
CHE 134 General Chemistry II		ENV 457/ENV 348	Environmental Attitudes & Issues/Natural Res. Policy <u>3</u>
Mathematics Options <u>3</u>		ENV 470	Senior Seminar <u>1</u>
MTH 138 College Algebra		GIS 224	Introduction to Spatial Science <u>3</u>
MTH 233 Calculus I		GIS 390	GIS in Natural Resources <u>3</u>
American History Required <u>6</u>		MTH 220	Intro to Statistics <u>3</u>
HIS 133 U.S. History Survey, 1000-1877			
HIS 134 U.S. History Survey, 1877-Present			
Government/Political Science <u>6</u>			
PSC 141 Intro to Am. Govt: Theory			
PSC 142 Intro to Am. Govt: Structure			
Total	42		
		Land, Air, & Water Resources Concentration	
		CHE 231	Quantitative Analysis
		CHE 241	Inorganic Chemistry
		CHE 443	Instrumental Analysis
		BIO 300	Contemporary Biology
		BIO 304	Marine Biology
		BIO 309	Microbiology
		BIO 312	Mycology
		BIO 343	General Entomology
		BIO 350	Economic Botany
		BIO 351	Plant Kingdom
		BIO 353	Economic Entomology
		BIO 415	Princ. of Electron Microscopy
		BIO 424	Plant Pathology <u>12</u>
		BIO 437	Herpetology
		BIO 450	Limnology
		GOL 131	Introductory Geology
		GOL 132	The Earth Through Time
		GOL 303	Oceanography
		GOL 330	Geomorphology
		GOL 350	Environmental Geology
		GOL 420	Geochemistry
		GOL 449	Ground Water
		GOL 450	Cave and Karst Systems
		PHY 101	General Physics I
		PHY 102	General Physics II
			**Approved Electives <u>6</u>
			Total <u>18</u>

**Contact Academic Advisor
 ***Minimum grade of "C" required

John Kidd, Academic Advisor (A-J)
 P.O. Box 6109 SFA Station, Nacogdoches, TX 75962-6109
 Phone: (936) 468-2351 Email: kiddjb@sfasu.edu

Brandy Bishop, Academic Advisor (K-Z)
 P.O. Box 6109 SFA Station, Nacogdoches, TX 75962-6109
 Phone: (936) 468-2940 Email: bbishop@sfasu.edu

It is the student's responsibility to complete the Degree Requirements as specified. A Final Graduation Plan must be filed in the Dean's Office the semester before the student plans to graduate.