

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***	
<p>Communication Required <u>3</u></p> <p>ENGL 1301 Rhetoric & Composition***</p> <p>Communication Options <u>3</u></p> <p>SPCH 1315 Public Speaking</p> <p>SPCH 1318 Interpersonal Communication</p> <p>SPCH 2333 Teamwork and Group Comm.</p> <p>Component Area Required <u>3</u></p> <p>ENGL 1302 Research & Argument***</p> <p>Component Area Options <u>3</u></p> <p>BUSI 2304 Business Communication</p> <p>ENGL 2311 Scientific and Technical Writing</p> <p>Language, Philosophy, & Culture Options <u>3</u></p> <p>ENGL 2341, ENGL 2309, ENGL 2332, ENGL 2333, ENGL 2322, ENGL 2323, ENGL 2327, ENGL 2328, ENGL 2335, HIST 2311, HIST 2312, PHIL 1301, PHIL 2303</p> <p>Creative Arts Option <u>3</u></p> <p>ARTS 1301, ARTS 1303, ARTS 1304, DANC 2303, MUMH 1307, MUSI 1306, DRAM 1310, DRAM 2366</p> <p>Social and Behavioral Science Options <u>3</u></p> <p>ECON 2302 Macroeconomics</p> <p>Life and Physical Science Required <u>6</u></p> <p>CHEM 1311 General Chemistry I</p> <p>CHEM 1312 General Chemistry II</p> <p>Mathematics Required <u>3</u></p> <p>MATH 1314 College Algebra</p> <p>MATH 2313 Pre-Calculus</p> <p>American History Required <u>6</u></p> <p>HIST 1301 US History I</p> <p>HIST 1302 US History II</p> <p>Government/Political Science <u>6</u></p> <p>GOVT 2305 Federal Government</p> <p>GOVT 2306 Texas Government</p>	<p>BIOL 1307+1107 Biology I <u>4</u></p> <p>BIOL 1306+1106 Biology II <u>4</u></p> <p>BIOL 3381/ENVR 2309 General Ecology/Forest Ecology <u>3</u></p> <p>BLAW 4378 Environmental Regulatory Law <u>3</u></p> <p>CHEM 1111 General Chemistry I Lab <u>1</u></p> <p>CHEM 1112 General Chemistry II Lab <u>1</u></p> <p>CHEM 3330 Fundamentals of Organic Chemistry <u>3</u></p> <p>CHEM 3130 Fundamentals of Organic Chemistry Lab <u>1</u></p> <p>ENVR 1301+1101 Intro to Environmental Science <u>4</u></p> <p>ENVR 2310+2001 Environmental Measurements <u>3</u></p> <p>ENVR 3310 Environmental Health and Safety <u>3</u></p> <p>ENVR 3349+3049 Environmental Soil Science <u>3</u></p> <p>ENVR 4302+4002 Wetland Delineation and Function <u>3</u></p> <p>ENVR 4303+4003 Remediation and Reclamation of Disturbed Land <u>3</u></p> <p>ENVR 4312+4012 Environmental Hydrology <u>3</u></p> <p>ENVR 4315 Environmental Assessment and Management <u>4</u></p> <p>ENVR 4320 Landscape Ecology and Planning <u>3</u></p> <p>ENVR 4350 Air Quality Assessment <u>3</u></p> <p>ENVR 4357/ENVR 3348 Env. Attitudes & Issues/Natural Res. Policy <u>3</u></p> <p>ENVR 4170 Senior Seminar <u>1</u></p> <p>GISC 2324+2024 Introduction to Spatial Science <u>3</u></p> <p>GISC 3390+3090 GIS in Natural Resources <u>3</u></p> <p>MATH 1342 Intro to Statistics <u>3</u></p>		
Total <u>42</u>		Land, Air, & Water Resources Concentration	
		<p>CHEM 3421 Quantitative Analysis</p> <p>CHEM 3311 Inorganic Chemistry</p> <p>CHEM 4443 Instrumental Analysis</p> <p>BIOL 2381 Local Flora</p> <p>BIOL 3390 Contemporary Biology</p> <p>BIOL 3387 Marine Biology</p> <p>BIOL 3421 Microbiology</p> <p>BIOL 3360 Mycology</p> <p>BIOL 3331 General Entomology</p> <p>BIOL 3362 Economic Botany</p> <p>BIOL 3461 Plant Kingdom</p> <p>BIO 3433 Economic Entomology</p> <p>BIOL 4411 Princ. of Electron Microscopy</p> <p>BIOL 4366 Plant Pathology <u>12</u></p> <p>BIOL 4444 Herpetology</p> <p>BIOL 4484 Limnology</p> <p>FORS 2319 Dendrology</p> <p>GEOL 1303 Introductory Geology</p> <p>GEOL 1304 The Earth Through Time</p> <p>GEOL 3303 Oceanography</p> <p>GEOL 3330 Geomorphology</p> <p>GEOL 3350 Environmental Geology</p> <p>GEOL 4320 Geochemistry</p> <p>GEOL 4349 Ground Water</p> <p>GEOL 4350 Cave and Karst Systems</p> <p>PHYS 1305 General Physics I</p> <p>PHYS 1307 General Physics II</p>	<p>Total <u>18</u></p>
<p>**Contact Academic Advisor</p> <p>***Minimum grade of "C" required</p> <p>Chanelle Svehla, Academic Advisor (A-J) P.O. Box 6109 SFA Station, Nacogdoches, TX 75962-6109 Phone: (936) 468-2351 Email: chanelle.svehla@sfasu.edu</p> <p>Brandy Bishop, Academic Advisor (K-Z) P.O. Box 6109 SFA Station, Nacogdoches, TX 75962-6109 Phone: (936) 468-2940 Email: bbishop@sfasu.edu</p> <p>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.</p>		<p>**Approved Electives <u>6</u></p>	
Total <u>65</u>		Total <u>18</u>	