

Stephen F. Austin State University  
 Arthur Temple College of Forestry & Agriculture  
**Course Offering Chronology for a degree in Environmental Science**

Revised 01/25/2019

<b>Environmental Science Core</b>			
<b>Course</b>	<b>Course Title</b>	<b>Semester(s) Offered</b>	<b>Prerequisites</b>
GIS 224	Introduction to Spatial Science	Fall and Spring	None
GIS 390	GIS in Natural Resources	Fall and Spring	GIS 224
ENV 110	Introduction to Environmental Science	Fall, Spring, and Summer I	None
ENV 209 OR	Forest Ecology	Fall and Spring	None
BIO 313	General Ecology	Any Semester	None
ENV 210	Environmental Measurements	Fall ONLY	ENV 110
ENV 310	Environmental Health and Safety	Spring ONLY	CHE 133
FOR 457 OR	Environmental Attitudes and Issues	Spring ONLY	None
ENV 348	Natural Resource Policy	Spring ONLY	Junior or Senior Standing
ENV 349	Environmental Soil Science	Fall ONLY	CHE 134
ENV 402	Wetland Delineation and Function	Fall ONLY	ENV 349
ENV 403	Remediation and Reclamation of Disturbed Land	Spring ONLY	ENV 349, FOR 349 or AGN 331
ENV 412	Environmental Hydrology	Fall ONLY	ENV 349
ENV 415	Environmental Assessment and Management	Spring ONLY	Senior Standing
ENV 420	Landscape Ecology and Planning	Spring ONLY	GIS 224 or AGM 325, BIO 313 or FOR/ENV 209
ENV 450	Air Quality Assessment	Spring ONLY	Junior or Senior Standing
ENV 470	Senior Seminar	Fall ONLY	15 credit hrs in ENV SCI
BIO 131	Principles of Botany	Any Semester	None
BIO 133	Principles of Zoology	Any Semester	None
BLW 478	Environmental Regulatory Law	Fall ONLY	Junior Standing (Contact COB: 936-468-3103)
MTH 220	Intro to Statistics	Any Semester	TSI Ready
CHE 330	Fundamentals of Organic Chemistry	Spring ONLY	"C" in CHE 134

## Concentrations

### Environmental Science Land, Air, and Water Resources

<u>Course</u>	<u>Course Title</u>	<u>Semester(s) Offered</u>	<u>Prerequisites</u>
-----	Twelve (12) hours from options listed		
CHE 231	Quantitative Analysis	Consult Department	Consult Advisor
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		
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		
-----	Five (6) hours of Approved Electives		

### Discipline Specialization Track

<u>Course</u>	<u>Course Title</u>	<u>Semester(s) Offered</u>	<u>Prerequisites</u>
-----	Eighteen (18) hours of Approved Electives towards a Second Major or a Minor		Consult Advisor