

# Environmental Science B.S.

## Core Curriculum Courses

See the Core Curriculum Requirements (<http://coursecatalog.tamuc.edu/undergrad/core-curriculum-requirements/>) **42**

### Required courses in major

ENVS 103	Natural Disasters *	
ENVS 1301	Introduction to Environmental Science *	
BSC 307	Ecology	3
BSC 417	Geospatial Mapping	3
ENVS 301	Risk Assessment	3
ENVS 302	Phase I Environmental Site Assessments	3
ENVS 303	Research Methods in Environmental Sciences	3
ENVS 305	Environmental Hydrology	3
ENVS 308	Water Quality	3
ENVS 402	Air Pollution Control	3
ENVS 405	Internship in Environmental Science	3
ENVS 406	Environmental Remediation	3
ENVS 312	Introduction to Environmental Toxicology	3
ENVS 403	Environmental Ethics and Law	3
CHEM 1307	Introductory Chemistry II *	
BSC 423	Introduction to Soil and Biogeochemistry	3

### Required support courses

GEOL 1403	Physical Geology	4
BSC 1406	Introductory Biology I	4
BSC 1407	Introductory Biology II	4
CHEM 101	General Chemistry Tutorial I	1
CHEM 1311	General and Quantitative Chemistry I	3
CHEM 1111	General and Quantitative Chemistry Laboratory I	1

### Minor Required

**18**

18 semester hours required in the minor/emphasis area of Biological Science or Chemistry. Additional questions or situations should be further discussed and approved by advisors.

### Electives

**4**

At least 4 semester hours required from the following courses:

BIOL 2420	General Microbiology	4
BSC 438	Wetland Ecology and Management	4
BSC 410	Fundamentals of Bioremediation	3
BSC 421	Essentials of Plant Microbiome	3
CHEM 1312	General and Quantitative Chemistry II	3
CHEM 1112	General and Quantitative Chemistry Laboratory II	1
CHEM 102	General Chemistry Tutorial II	1
CHEM 2323	Organic Chemistry I	3
CHEM 2123	Organic Chemistry Laboratory I	1

### Total Hours

**120**

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This course can be used to satisfy the Core Curriculum Requirements.

A grade of "C" or higher must be earned in the support courses and major courses