

College of Basic and Applied Sciences  
Upper Division Form 2004-2005 Catalog

Student name \_\_\_\_\_ Student # \_\_\_\_\_  
 Major Environmental Science and Technology Minor \_\_\_\_\_  
 Concentration Planning and Site Analysis E-mail \_\_\_\_\_

Instructions: For students graduating in Fall 2004 or later. *One (1) copy signed by major and minor advisors should be filed in the Records Office during the second semester of the sophomore year. An Intent to Graduate form should be filed in the Records Office during the first semester of the senior year.*

General Education	Course	Semester	Grade	Notes	Credit Hours
COMMUNICATION (9 hours)	ENGL 1010				3
	ENGL 1020				3
	COMM 2200				3
HISTORY (6 hours) Choose two: HIST 2010, HIST 2020, HIST 2030					3
					3
HUMANITIES AND/OR FINE ARTS (9 hours) Choose 1: ENGL 2020, 2030 or HUM 2610. Choose 2 with different prefixes: ANTH 2210, ART 1030, DANC 1000, HIST 1010, 1020, 1110, or 1120, MUS 1030, PHIL 1030, THEA 1030					3
					3
					3
MATHEMATICS (3 hours)	MATH 1910			Fourth credit counts in Supporting Courses	3 of 4
NATURAL SCIENCES (8 hours)	BIOL 1110			Course will also be considered part of major.	4
	CHEM 1110			Course will also be considered part of major.	4
SOCIAL/BEHAVIORAL SCIENCES (6 hours) Choose two (different rubrics): AAS 2100, ANTH 2010, ECON 2410, GEOG 2000, HLTH 1530, PS 1010, PS 2010, PSY 1410, SOC 1010, WMST 2100					3
					3
<b>Hours Required</b>					<b>41</b>

Major Courses (2.0 GPA required)	Course	Semester	Grade	Notes	Credit Hours
Soils Analysis	ABAS 3370				3
General Biology	BIOL 1110			Credit counted in General Education.	(4)
General Biology	BIOL 1120				4
Microbiology	BIOL 2230				4
Environmental Regulations	BIOL 3220				3
General Ecology	BIOL 4240				4
Limnology	BIOL 4250				4
General Chemistry	CHEM 1110			Credit counted in General Education.	(4)
General Chemistry	CHEM 1120				4
Elements of Organic Chemistry	CHEM 2030				4
Quantitative Analysis	CHEM 2230				5
Intro to Environmental Chemistry	CHEM 4600				3
Detection of Chemical Pollutants	CHEM 4630				4
Introduction to Environmental Science	EST 2810				3
EST 4770 Pollution Control Technology or EST 4780 Air, Solids, and Noise Pollution Technology	EST ____				3
GEOL 1040 Physical Geology or ABAS 3340	____				4
Geographic Information Systems	GEOG 4530				3
Problems in Geology	GEOL 4090				1

**Major requirements continued from previous page**

Hydrogeology	GEOL 4130				4
Calculus I	MATH 1910			Credit counted in General Education.	(4)
Probability and Statistics	MATH 2050				3
Physics I	PHYS 2010				0
Physics Problems Laboratory I	PHYS 2011				4
Physics II	PHYS 2020				0
Physics Problems Laboratory II	PHYS 2021				4
<b>Guided Electives</b> from the following list::					7
ABAS 4340 (3 hrs) ABAS 4350 (3hrs) BIOL 3210 (3 hrs)					
CHEM 4610 (3 hrs) EST 4810 (3hrs) GEOG 4570 (3 hrs)					
GEOG 4490 (4 hrs) GEOL 4150 (3 hrs)					
<b>Hours Required</b>					77-78 (89-90)

Supporting and Elective Courses				
Course	Semester	Grade	Notes	Credit Hours
One credit of <b>Math 1910</b> from General Education				1
<b>Hours Required</b>				1

Optional Minor				
Course	Semester	Grade	Notes	Credit Hours
<b>Hours Required</b>				
<b>Signed:</b>				
	Minor Advisor			Date

1. Degrees require a minimum of 120 semester hours (12 of the last 18 at MTSU) with a 2.0 GPA, a minimum of 42 upper-division hours (30 at MTSU) with a 2.0 GPA, and a minimum of 60 senior college hours.
2. Remedial/developmental courses do not count toward the 120-hour requirement or cumulative degree GPA.
3. Courses used to fulfill high school deficiencies can only be counted as general elective credit.

<b>Signed:</b>		
	Major Advisor	Date
<b>Signed:</b>		
	Department Chairperson (needed only if substitutions are indicated)	Date
<b>Signed:</b>		
	Dean of College (needed only if substitutions are indicated)	Date