

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

Student name _____ Student # _____
 Major Environmental Science and Technology Minor _____
 Concentration Energy Technology E-mail _____

Instructions: For students who will graduate 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			Also considered part of major	4
	CHEM 1110			Also 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
Hours Required					41

Major Courses (2.0 GPA required)	Course	Semester	Grade	Notes	Credit Hours
Soils Analysis	ABAS 3370				3
General Biology	BIOL 1110			Credit counted in Gen Ed.	(4)
General Biology	BIOL 1120				4
General Chemistry	CHEM 1110			Credit counted in Gen Ed.	(4)
General Chemistry	CHEM 1120				4
Elements of Organic Chemistry	CHEM 2030				4
Introduction to Environmental Science	EST 2810				3
EST 4770 Pollution Control Technology <u>or</u> EST 4780 Air, Solids, and Noise Pollution Technology	EST ____				3
Energy and the Environment	EST 4810				3
Solar Design	EST 4820				3
Energy Auditing	EST 4840				3
Introduction to Electricity and Electronics	ET 3610				4
Principles of Electricity	ET 3615				4
Engineering Thermodynamics and Heat Transfer	ET 3810				3
ET 4420 Industrial Safety <u>or</u> BIOL 3220 Environmental Regulations	____				3
Heating, Ventilation, and Air Conditioning	ET 4815				3
Engineering Economy	ET 4970				3
Internship	ETIS 3920				3

GEOL 1040 Physical Geology <i>or</i> ABAS 3340 Soil					3-4
Hydrogeology	GEOL 4130				4
Geographic Information Systems	GEOG 4530				3
Calculus I	MATH 1910			Credits counted in Gen Ed.	(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
PHYS courses (see advisor)	PHYS__				4
Hours Required					78-79 (90-91)

Supporting and Elective Courses				
Course	Semester	Grade	Notes	Credit Hours
Math 1910 credit from General Education Requirement				1
Hours Required				1

Optional Minor				
Course	Semester	Grade	Notes	Credit Hours
Hours Required				
Signed:				
	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.

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