

Advisor: _____

Upper Division Form Department of Geosciences

Instructions: Original copy signed by major advisor (and minor advisor, if required) should be filed with the College Coordinator (formerly graduate analyst) 3 semesters before you intend to graduate. An Intention to Graduate Form must be filed with your College Coordinator when you submit this Upper Division Form.

Student Name:		Student ID:		MTSU Box	
Degree Sought:		Phone:			
Major and/or concentration:	Concentration: Geology; Career Path: Geology	E-mail:			

General Education Requirements	Course	Semester	Grade	Notes	Credit Hours
COMMUNICATION (9 hours)	ENGL 1010				
	ENGL 1020				
	COMM 2200				
HISTORY (6 hours) Choose two of the following: HIST 2010, HIST 2020, HIST 2030					
HUMANITIES AND/OR FINE ARTS (9 hours) Choose one of the following: ENGL 2020, ENGL 2030, or HUM 2610 * Choose two of the following with differing prefixes*: ANTH 2210, ART 1030, ART 1910, ART 1920, DANC 1000, ENGL 2020, ENGL 2030, HIST 1010, HIST 1020, HIST 1110, HIST 1120, HUM 2610, MUS 1030, PHIL 1030, or THEA 1030					
MATHEMATICS (3 hours) Calculus I (4 hours) or higher	MATH 1910				
NATURAL SCIENCES (8 hours) Choose one: GEOL 1030 & 1031 or GEOL 1040 & 1041	CHEM 1110 & 1111				
SOCIAL/BEHAVIORAL SCIENCES (6 hours) Choose one of the following: AAS 2100, ANTH 2010, ECON 2410, HLTH 1530, JOUR/EMC/RI 1020, PS 1010, PS 2010, PSY 1410, SOC 1010, SOC 2010, or WMST 2100	GEOG 2000				
* Must be different from choice in first Humanities/Fine Arts category.					SUBTOTAL HOURS

Courses to be taken to complete Major (44 hrs)					
Required Courses	Semester	Grade	Notes		Credit Hours
GEOL 1050			Historical Geology (4 hrs)		
GEOL 3000			Mineralogy (5 hrs)		
GEOL 3050			Field Methods in Geology (2 hrs)		
GEOL 3060			Computer Methods in Geology (3 hrs)		
GEOL 3160			Geol. Lit & Report Writing (1 hr)		
GEOL 4000			Petrology & Petrography (4 hrs)		
GEOL 4020			Geomorphic Regions US (4 hrs)		
GEOL 4030			Invertebrate Paleontology (4 hrs)		
GEOL 4070			Sedimentation & Stratigraphy (4 hrs)		
GEOL 4080			Structural Geology (4 hrs)		
GEOL 4100			Geophysical Prospecting (4 hrs)		
GEOL 4130			Hydrogeology (4 hrs)		
GEOL 4580			Seminar in Geology (1 hr)		

SUBTOTAL HOURS	
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Courses to be taken to complete 1st Cognate (11 + 8* hrs)

Required Courses	Semester	Grade	Notes	Credit Hours
CHEM 1110, 1111			General Chemistry (4 hrs)	0 *
CHEM 1120, 1121			General Chemistry (4 hrs)	
MATH 1910			Calculus I (4 hrs)	0 *
MATH 1920			Calculus II (4 hrs)	
GEOG 4530 or 3 hr Math/Sci. elective			Geographic Info. Systems or Math/Science elective (advisor approval)	

* Counted in General Education Requirements	SUBTOTAL HOURS	
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Courses to be taken to complete 2nd Cognate (18 hrs)
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Required Courses	Semester	Grade	Notes	Credit Hours
BIOL 1110			General Biology (4 hrs)	
PHYS 2010, 2011 or PHYS 2110, 2111			Non-Calculus-Based Physics or Calculus-Based Physics (4 hrs)	
Choose one: GEOL 3010, GEOL 4140, GEOL 4150, GEOG 4570			Geoscience Elective (3 hrs)	
			Geology Field Camp in Western US (4 hrs, advisor approval)	
			Math or Science Elective (3 hrs, advisor approval)	

SUBTOTAL HOURS	
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Courses to be taken to complete 120 hours - Free Electives (5 hrs)
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Course	Semester	Grade	Notes	Credit Hours

SUBTOTAL HOURS	
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A minimum of 120 semester hours is required for graduation.	TOTAL HOURS	
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Notes: _____

Approved

Student: _____ Advisor: _____ Date: _____