

Name _____
MSU ID# _____

Advisor _____

GEOGRAPHY OPTION
CURRICULUM CHECKING SHEET
(2008-2010 Catalog)

OLD ----- Courses REQUIRED by the Department ----- NEW				SEM.	
Rubric #	Core Course Title	Rubric #	Course Title	CRED.	TAKEN GRADE
FRESHMAN YEAR					
ESCI 111	N Physical Geology	GEO 101	Intro to Physical Geology & lab	4	
ESCI 112	CS Physical Geography	GPHY 111	Intro to Phys. Geography & lab	4	
GEOG 105	D World Regional Geography	GPHY 141	Geography of World Regions	3	
	University core or electives			19	
	TOTAL			30	
SOPHOMORE YEAR					
GEOG 201	D Human Geography	GPHY 121	Human Geography	3	
GEOG 211	GIS and Cartography	GPHY 284	Intro to GIS and Cartography	3	
STAT 216	Q Elementary Statistics		(no change)	3	
STAT 217	Intermediate Statistical Concepts		(no change)	3	
	One year Modern Language		(no change)	8	
	University core or electives			10	
	TOTAL			30	
JUNIOR & SENIOR YEARS					
GEOG 305	GIS and Spatial Analysis	GPHY 384	Adv GIS and Spatial Analysis	3	
Take ONE of the following:					
GEOG 303	Weather and Climate	ERTH 303	Weather and Climate	3	
GEOG 330	Geographical Planning	GPHY 365	Geographical Planning	3	
Take 5 of the following and ONE Methods or 4 of the following and TWO Methods courses:					
ESCI 307	Principles of Geomorphology	ERTH 307	Principles of Geomorphology	4	
ESCI 432	R Surface-Water Resources	ERTH 432	Surface-Water Resources	3	
ESCI 440	Ground Water Resources	GEO 420	Hydrogeology	3	
ESCI 450	R Snow Dynamics & Accumulation	ERTH 450	Snow Dynamic & Accumulation	3	
ESCI 455	Physiography of the U.S.	ERTH 455	Physiography of the U.S.	3	
GEOG 302	Biogeography	GPHY 411	Biogeography	3	
GEOG 315	Cultural Geography	GPHY 325	Cultural Geography	3	
GEOG 331	Urban Geography	GPHY 321	Urban Geography	3	
GEOG 332	Economic Geography	GPHY 322	Economic Geography	3	
GEOG 401	Historical Geography	GPHY 431	Historical Geography	3	
GEOG 425	Tourism Planning	GPHY 461	Tourism Planning	3	
GEOG 430	R Mountain Geography	GPHY 441	Mountain Geography	4	
GEOG 436	East Asia	GPHY 466	East Asia in the Global System	3	
GEOG 481	Regional Geography	GPHY 445	Regional Geography	3	

OLD ----- Courses REQUIRED by the Department ----- NEW				SEM.			
Rubric #	Core	Course Title	Rubric #	Course Title	CRED.	TAKEN	GRADE
Methods Courses							
ESCI 310		Aerial Photo Interpretation		no longer offered	4		
GEOG 411	R	Adv. GIS & Spatial Analysis	GPHY 484	Applied GIS and Spatial Analysis	3		
LRES 426		Remote Sensing		(no change)	3		
LRES 357		GPS Fund & Appl in Mapping		(no change)	3		
STAT 410		Appl Mult Regression		(no change)	3		
Capstone Course: <i>Take in Senior year:</i>							
GEOG 405	C	Geographic Thought	GPHY 425	Geographic Thought	3		
Selected minor or minor emphasis§							
University core or electives							
TOTAL						36	
GRAND TOTAL						24	
						60	
						120	

§ Students, in consultation with their advisor, must select a minor as tabulated in the catalog or from one of the emphases in the department.

NOTE: A minimum of 120 credits is required for graduation; 42 of these credits must be in courses numbered 300 or above.

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**PHYSICAL GEOGRAPHY EMPHASIS
 CURRICULUM CHECKING SHEET**
 (2008-2010 Catalog)

OLD ----- Courses REQUIRED by the Department ----- NEW

Rubric #	Core Course Title	Rubric #	SEM. CRED.	TAKEN	GRADE
BIOL 101	IN Biology of Organisms	(no change)	4		
CHEM 121	IN General Chemistry I	CHMY 121 Intro Gen Chem	4		
LRES 201	IN Soil Resource	(no change)	3		
ESCI 211	RN Yellowstone: A Scientific Laboratory	ERTH 212 Yellowstone: Scientific lab	4		

Advisor-Approved Upper Division Courses (minimum 12 credits) will be selected from course offerings in Animal and Range Science, Biology, Civil and Agricultural Engineering, Entomology, and Land Resources and Environmental Sciences, as well as Earth Science, Geology, and Geography (1 course only). The courses used here **cannot** be used to fulfill the other course requirements in the Geography option.

**HUMAN GEOGRAPHY EMPHASIS
 CURRICULUM CHECKING SHEET**
 (2008-2010 Catalog)

OLD ----- Courses REQUIRED by the Department ----- NEW

Rubric #	Core Course Title	Rubric #	SEM. CRED.	TAKEN	GRADE
Take <u>12</u> credits from the following and <u>9</u> credits as described below.					
ANTH 101	D Introduction to Anthropology	(no change)	3		
POLS 206	IS Government of the U.S.	PSCI 210 Intro American Govt	3		
POLS 208	State and Local Govt and Policy	PSCI 260 State Loc Govt & Pols	3		
SOC 101	IS Introduction to Sociology	SOCI 101 Introduction to Sociology	3		
ECON 101	IS Econ Way of Thinking	ECNS 101 Econ Way of Thinking	3		
ECON 102	IS Macro & International Economics	ECNS 202 Prin of Macroeconomics	3		
ESCI 211	RN Yellowstone: A Scientific Laboratory	ERTH 212 Yellowstone: Scientific lab	4		

Advisor-Approved Upper Division Courses (minimum 9 credits) will be selected from course offerings in Anthropology, Economics, History, Native American Studies, Political Science, Sociology, as well as Earth Science, Geology, and Geography (1 course only). The courses used here **cannot** be used to fulfill the other course requirements in the Geography option.
