

Name _____
 ISU ID# _____

Advisor _____

GEOGRAPHY OPTION
 CURRICULUM CHECKING SHEET
 (2010-2012 Catalog)

Rubric	#	Core Course Title	PREREQUISITES	SEM.	CRED.	TAKE	GRADE
FRESHMAN YEAR							
GEO	101	IN	Intro to Physical Geology & lab		4		
GPHY	111	CS	Intro to Phys. Geography & lab		4		
GPHY	141	D	Geography of World Regions		3		
			University core or electives		19		
			<i>TOTAL</i>		30		
SOPHOMORE YEAR							
GPHY	121	D	Human Geography		3		
GPHY	284		Intro to GIS and Cartography	CAPP 120 or Equivalent	3		
STAT	216	Q	Elementary Statistics	C- or better in any 100 level or above M course or Math Placement Test with in last 12 months	3		
STAT	217	Q	Intermediate Statistical Concep	STAT 216	3		
			One year Modern Language		8		
			University core or electives		10		
			<i>TOTAL</i>		30		
JUNIOR & SENIOR YEARS							
GPHY	384		Adv GIS and Spatial Analysis	GPHY 284	3		
<i>Take ONE of the following:</i>							
ERTH	303		Weather and Climate	GPHY 111	3		
GPHY	365		Geographical Planning	GPHY 141; GPHY 121	3		
<i>Take 5 of the following and ONE Methods or 4 of the following and TWO Methods courses:</i>							
ERTH	307		Principles of Geomorphology	GEO 101, GPHY 111	4		
ERTH	432	R	Surface-Water Resources	JR STANDING	3	FALL	
				GPHY 111; STAT 216 or STAT 332; PHSX 205 or PHSX 220	3	FALL	
GEO	420		Hydrogeology	JR STANDING (offered FALL even years) M 170 or M 182; CHMY 143; PHSX 205 or PHSX 220; GEO 101; GPHY 111	3	FALL	
ERTH	450	R	Snow Dynamic & Accumulation	JR OR SR STANDING	3		
				ALBILITY TO SKI AT INTERMEDIATE LEVEL IN ALPINE TERRAIN PHSX 205 or PHSX 220; STAT 216 or STAT 332; GPHY 111			
ERTH	455		Physiography of the U.S.	JR STANDING; ERTH 307	3		
GPHY	411		Biogeography	GPHY 121 or BIOB 170 IN	3		
GPHY	325		Cultural Geography	GPHY 121	3		
GPHY	321		Urban Geography	GPHY 121	3		
GPHY	322		Economic Geography	GPHY 121	3		
GPHY	431		Historical Geography	GPHY 121	3		
GPHY	461		Tourism Planning	GPHY 284 AND GPHY 365	3		
GPHY	441	R	Mountain Geography	SR STANDING, GPHY 111 OR BIOB 170 IN	4		
GPHY	446		East Asia in the Global System	GPHY 111, GPHY 141, GPHY 121	3		
GPHY	445		Regional Geography	2 OF THE 3: GPHY 111, GPHY 141, GPHY 121	3		

Rubric #	Core Course Title	SEM.	CRED.	TAKEN	GRADE
Methods Courses					
GPHY 484	Applied GIS and Spatial Analysis	GPHY 284 AND GPHY 384	3		
GPHY 426	Remote Sensing	JR STANDING	3		
GPHY 357	Fund/Applications in Mapping	LRES 201 AND GPHY 284	3		
STAT 410	Appl Mult Regression	STAT 217 OR STAT 332 OR STAT 401, M 171	3		
Capstone Course: <i>Take in Senior year:</i>					
GPHY 425	Geographic Thought	SR STANDING	3		
Selected minor or minor emphasis§			36		
University core or electives			24		
<i>TOTAL</i>			60		
<i>GRAND TOTAL</i>			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.
above

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PHYSICAL GEOGRAPHY EMPHASIS
 CURRICULUM CHECKING SHEET
 (2010-2012 Catalog)

Rubric	#	Core Course Title	PREREQUISITES	SEM.	CRED.	TAKEN	GRADE
BIOB	170	IN Principles of Biological Diversity			4		
CHMY	121	IN Intro Gen Chem	HIGH SCHOOL ALGEBRA		4		
ENSC	245	IN Soils	M 097 OR EQUIVALENT		3		
ERTH	212	RN 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)

Rubric # Core Course Title SEM. CRED. TAKEN GRADE
 Take 12 credits from the following *and* 9 credits as described below.

ANTY	101	D Introduction to Anthropology			3		
PSCI	210	IS Intro American Govt			3		
PSCI	260	State Loc Govt & Pols			3		
SOCI	101	IS Introduction to Sociology			3		
ECNS	101	IS Econ Way of Thinking			3		
ECNS	202	Prin of Macroeconomics			3		
ERTH	212	RN 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.
