

Name _____
 ISU ID# _____

Advisor _____

GIS/PLANNING OPTION
 CURRICULUM CHECKING SHEET
 (2010-2012 Catalog)

Rubric	#	Core	Course Title	PREREQUISITES	SEM.	CRED.	TAKEN	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		
ECNS	101	IS	Economic Way of Thinking			3		
CHMY	121 or 141	IN	Intro/College Chemistry			4		
<i>Take <u>one</u> of the following:</i>								
ECNS	202		Principles of Macroeconomics	ECNS 101IS		3		
ECNS	132		Econ & the Environment	ECNS 101IS		3		
University core or elective						9		
TOTAL						30		
SOPHOMORE YEAR								
GPHY	121	D	Human Geography			3	FALL	
GPHY	284		Intro to GIS and Cartography	CAPP 120		3		
ENSC	245	IN	Soils	M 097		3	FALL	
PSCI	210	IS	Intro to American Government			3		
<i>Take <u>ONE</u> of the following:</i>								
STAT	217	Q	Intermediate Statistics	STAT 216		3		
STAT	332		Stats for Scientists & Engineers	M 182		3		
<i>Take <u>ONE</u> of the following:</i>								
WRIT	201		College Writing II	WRIT 101		3		
WRIT	221		Intermediate Technical Writing	WRIT 101		3		
<i>Take <u>ONE</u> of the following:</i>								
EGEN 115 and 116			Engineering Design Graphics			2		
TE	230		2-D Computer Aided Graphics			2	FALL	
CE	201		Surveying	M 165 or M 171		3		
University core or elective						9 or 10		
TOTAL						30		
JUNIOR YEAR								
ERTH	307		Principles of Geomorphology	GEO 101; GPHY 111; Junior Standing		4	FALL	
GPHY	384		Adv GIS and Spatial Analysis	GPHY 284		3		
GPHY	365		Geographical Planning	GPHY 141; GPHY 121		3	SPR	
GPHY	357		Fund/Applications in Mapping	ENSC 245 IN; GPHY 284		3	FALL	
GPHY	426		Remote Sensing			3	SPR	
<i>Take <u>TWO</u> of the following:</i>								
GPHY	321		Urban Geography	GPHY 121 (offered Spring odd years)		3	SPR	
GPHY	322		Economic Geography	GPHY 121; ECNS 101IS (offered Fall odd years)		3	FALL	
ERTH	432		Surface Water Resources	GPHY 111; STAT 216 or 332; PHSX 201 or 205 (offered fall odd years)		3	FALL	
University core or electives						8		
TOTAL						30		

Rubric	#	Core Course Title	SEM.	CRED.	TAKEN	GRADE
SENIOR YEAR						
GPHY	425	Geographic Thought		3	SPR	
GPHY	484	Applied GIS and Spatial Analysis	GPHY 284; GPHY 384	3	SPR	
<i>GPHY</i>	<i>461</i>	<i>Tourism Planning</i>	<i>GPHY 284; GPHY 365 (offered Spring even years)</i>	3	SPR	
Take THREE of the following:						
BIOE	370	General Ecology (equiv to 270)	BIOB 170 or BIOB 258; M 121 or M 160 or M 170	3		
NRSM	421	Holistic Thought and Management		3	SPR	
NRSM	430	Natural Resources Law	WRIT 201 or WRIT 221		SPR	
ENSC	444	Watershed Hydrology	GPHY 111; ENSC 110; ENSC 245 IN	3	FALL	
GPHY	457	Advanced GPS Mapping for GIS	ENSC 245IN; GPHY 357		FALL	
PSCI	362	Natural Resource Policy	PSCI 200 or PSCI 210	3	SPR	
PSCI	465	Public Admin and Policy	PSCI 200; PSCI 210; PSCI 230; PSCI 240	3	SPR	
<i>CE</i>	<i>463</i>	<i>Photogrammetry</i>	<i>M 165 or M 171 (offered Fall odd years)</i>	2	FALL	
Add'l advisor-approved 300+ course in EARTH, GEOG, or LRES.						
University core or electives						9 or 10
<i>TOTAL</i>						30
GRAND TOTAL						120

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

NOTE: Normal text shows courses offered every year, **BOLD** courses are planned to be offered in the first year of the cycle (e.g., 2008-9) and *ITALICIZED* courses are planned to be offered in the second year (e.g., 2009-10). **Fall even, Spring odd; Fall odd; Spring even**
All offerings are dependent upon available staffing.