

Name _____ Advisor _____
 MSU ID# _____

**GIS/PLANNING OPTION
 CURRICULUM CHECKING SHEET
 (2008-2010 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 ONE of the following:</i>						
ECNS	202		Principles of Macroeconomics	ECNS 101	3	
ECNS	132		Econ & the Environment	ECNS 101	3	
			University core or elective		9	
			TOTAL		30	
SOPHOMORE YEAR						
GPHY	121	D	Human Geography		3	
GPHY	284		Intro to GIS and Cartography	CAPP 120	3	
LRES	201	IN	Soil Resource	M 097	3	
PSCI	210	IS	Intro to American Government		3	
<i>Take ONE of the following:</i>						
STAT	217	Q	Intermediate Statistics	STAT 216	3	
STAT	332		Stats for Scientists & Engineers	M 182	3	
<i>Take ONE of the following:</i>						
WRIT	201		College Writing II	WRIT 101	3	
WRIT	221		Intermediate Technical Writing	WRIT 101	3	
<i>Take ONE of the following:</i>						
ME	115 and 116		Engineering Design Graphics		2	
TE	230		2-D Computer Aided Graphics		2	
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	4	
GPHY	384		Adv GIS and Spatial Analysis	GPHY 284	3	
GPHY	365		Geographical Planning	GPHY 141; GPHY 121	3	
LRES	357		GPS Fund. and Appl in Mapping	LRES 201; GPHY 284	3	
LRES	426		Remote Sensing		3	
<i>Take TWO of the following:</i>						
GPHY	321		Urban Geography	GPHY 121	3	
GPHY	322		Economic Geography	GPHY 121; ECON 101	3	
ERTH	432		Surface Water Resources	GPHY 111; STAT 216 or 332; PHYS 201 or 205	3	
			University core or electives		8	
			TOTAL		30	
SENIOR YEAR						
GPHY	425		Geographic Thought		3	
GPHY	484		Applied GIS and Spatial Analysis	GPHY 284; GPHY 384	3	
GPHY	461		Tourism Planning	GPHY 284; GPHY 365	3	
<i>Take THREE of the following:</i>						
BIOL	303		Principles of Ecology	BIOL 101 or BIOL 215; M 121 or M 160 or M 170	3	
LRES	421		Holistic Thought and Management		3	
LRES	430		Natural Resources Law	WRIT 201 or WRIT 221		
LRES	444		Watershed Hydrology	GPHY 111; LRES 110; LRES 201	3	
LRES	457		Advanced GPS Mapping for GIS	LRES 201; LRES 357		
PSCI	362		Natural Resource Policy	PSCI 200 or PSCI 210	3	
PSCI	465		Public Admin and Policy	PSCI 200; PSCI 210; PSCI 230; PSCI 240	3	
CE	463		Photogrammetry	M 165 or M 171	2	
			Add'l advisor-approved 300+ course in ESCI, GEOG, or LRES.		9 or 10	
			University core or electives		30	
			TOTAL		120	
GRAND TOTAL						

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