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Submission Date: Action-Date:

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CURRICULUM PROPOSAL COVER SHEET
University-Wide Undergraduate Curriculum Committee

CONTACT		
Contact Perso	n Gail S. Sechris	st Phone 3762/2250
Department	Geography & Re	gional Planning
PROPOSAL TY	PE (Check All Appropri	ate Lines)
cou	RSE	the house
		Suggested 20 character title
New	Course*	Course Number and Full Title
_		Course Number and Pull Title
Cours	se Revision	Course Number and Full Title
Liber	al Studies Approval+ _	
	new or existing course	Course Number and Full Title
Cour	se Deletion	
cour		Course Number and Full Title
Numi	per and/or Title Change_	
l selder fi	off the second section of	Old Number and/or Full Old Title
		New Number and/or Full New Title
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Cour	se or Catalog Descriptio	Course Number and Full Title
XPRO	GRAM: X Ma	ajor Minor X Track
New	Program*	
		Geography/Generen Geography Track
X_ Progr	am Revision* B.A G	Geography/GIS & Cartographer Track Geography/EconoMite Geographer Track
	am Deletion*	
		Program Name
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Department Curri	culum Committee	Department Chair
MIL	12	A/12 2/1,100
College Curriculur	n Committee	College Dean
		1118/9 X
+ Director of Libe	ral Studies (where applicable)	*Provost (where applicable)

Liberal St with the fo Mathemat	of ArtsGeography/General Geography Track udies: As outlined in Liberal Studies section llowing specifications: tics: MA 121 or MA 217 udies electives: No courses with GE prefix	53-58
College:		
Foreign La	inguage Intermediate Level (1)	0-8
Major:		36
Required	Courses:	
GE 213	Cartography I	3sh
GE 230	Cultural Geography	3sh
GE 231	Economic Geography	3sh
GE 411	History of Geography	3sh
GE 412	Research Seminar	3sh
Controlled	d Electives:	
One course	e from GE 251-257	3sh
One course from GE 341-342		3sh
Five courses (15 sh) from any GE courses [only one GE 100 level permitted]		15sh
Free Elect	ives:	30-35
Total Deg	ree Requirements	124

Part II. Description of Curriculum Change
1) New Catalog Description

(1) Intermediate-level Foreign Language may be included in Liberal Studies electives.

Bachelor of	of ArtsGeography/GIS & Cartographer Track		
Liberal Studies: As outlined in Liberal Studies section			
	llowing specifications:		
Mathemat	tics: MA 121 or MA 217		
Liberal St	udies electives: CO/IM/BE 101 recommended, no courses wit	h GE prefix	
College:			
Foreign	n Language Intermediate Level (1)	0-8	
Major:		36	
Required	Courses:		
GE 213	Cartography I	3sh	
GE 230	Cultural Geography	3sh	
GE 231	Economic Geography	3sh	
GE 411	History of Geography	3sh	
GE 412	Research Seminar	3sh	
Controlled	l Electives:		
One course	e from GE 251-257	3sh	
One course from GE 341-342		3sh	
Track Cou	ırses:		
GE 313	Cartography II	3sh	
GE 314	Map and Photograph Interpretation	3sh	
GE 316	Introduction to GIS	3sh	
GE 415	Remote Sensing	3sh	
GE 417	Technical Issues in GIS	3sh	
Free Elect	ives:	30-35	
Total Deg	ree Requirements:	124	

(1) Intermediate-level Foreign Language may be included in Liberal Studies electives.

Liberal Stu	f ArtsGeography/Economic Geographer Track Idies: As outlined in Liberal Studies section lowing specifications:	54-60
Mathemati	ics: MA 121 or MA 217	
Social Scient	nces: EC 121	
Liberal Stu	idies electives: EC 122, no courses with GE prefix	
College:		
_	nguage Intermediate Level (1)	0-8
Major:		36
Required (Courses:	
GE 213	Cartography I	3sh
GE 230	Cultural Geography	3sh
GE 231	Economic Geography	3sh
GE 411	History of Geography	3sh
GE 412	Research Seminar	3sh
Controlled	Electives:	
One course	from GE 251-257	3sh
One course	from GE 341-342	3sh
Track Cou	rses:	
GE 331	Population Geography	3sh
GE 332	Urban Geography	3sh
GE 333	Trade and Transportation	3sh
GE 334	Political Geography	3sh
GE 464	Land Use Policy	3sh
Free Electi	ives:	28-34
EC 383 Url	ban/Regional Economics recommended	
Total Degr	ree Requirements	124

(1) Intermediate-level Foreign Language may be included in Liberal Studies electives.

a. Table Comparing old and new programs.

B.A.—Geography/General Geography Track Liberal Studies: As outlined in Liberal Studies: So outlined in Liberal Studies: So outlined in Liberal Studies: Socion with the following specifications: \$ 54-58	Old		New			
Liberal Studies: As outlined in Liberal Studies section with the following specifications: 54-58 Mathematics: MA 121 or MA 217 Liberal Studies electives: No courses with GE prefix College: Co		· · · · · · · · · · · · · · · · · · ·	B.AGeography/General Geography T			
section with the following specifications: 54-58 Mathematics: MA 121 or MA 217 Liberal Studies electives: No courses with GE prefix College: Foreign Language Intermediate Level (1) 0-6 Major: 36 Required Courses: GE 213 Cartography 1 3sh GE 213 Contoning Geography 3sh GE 213 Contoning Geography 3sh GE 214 Contoning Geography 3sh GE 214 Contoning Geography 3sh GE 214 Physical Geography 3sh GE 214 Physical Geography 3sh GE 411 Physical Geography 3sh GE 412 Research Seminar 3sh GE 411 Physical Geography 3sh GE 412 Research Seminar 3sh GE 411 Physical Geography 3sh GE 412 Research Seminar 3sh GE 411 Physical Geography 3sh GE 412 Research Seminar 3sh GE 411 Physical Geography 3sh GE 412 Research Seminar 3sh GE 411 Physical Geography 3sh GE 412 Research Seminar 3sh GE 411 Physical Geography 3sh GE 412 Research Seminar 3sh GE 415 Sh) from any GE courses [only one GE 100 level permitted] 15sh Free Celectives: 30-34 BA.—Geography/GIS & Cartographer Track Liberal Studies: As outlined in Liberal Studies Section with the following specifications: \$3-58 Mathematics: MA 121 or MA 217 Liberal Studies: As outlined in Liberal Studies section with the following specifications: \$3-58 Mathematics: MA 121 or MA 217 Liberal Studies dectives: CO/IM/BE 101 recommended, no courses with GE prefix College: Required Courses: Required Courses: Required Cour			.			
Mathematies: MA 121 or MA 217 Liberal Studies electives: No courses with GE prefix College: Foreign Language Intermediate Level (1)			section with the following specifications:	53-58		
Liberal Studies electives: No courses with GE prefix	section with the following specifications:	54-58				
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Foreign Language Intermediate Level (1) 0-6 Major: 36 Major: 36 GE 213 Cartography I 3sh GE 230 Cultural Geography 3sh GE 231 Contomic Geography 3sh GE 231 Economic Geography 3sh GE 241 Physical Geography 3sh GE 2				P		
Conteger Courses		th GE prefix		0-8		
Major: 36 GE 213 Cartography 3sh GE 213 Economic Geography 3sh GE 214 Physical Geography 3sh GE 215 Cartography 3sh GE 216 Physical Geography 3sh GE 217 Physical Geography 3sh GE 218 Cartography 3sh GE 219 Physical Geography 3sh GE 211 Physical Geography 3sh GE 211 Physical Geography 3sh GE 212 Cartography 3sh GE 213 Economic Geography 3sh GE 214 Physical Geography 3sh GE 215 Cartography 3sh GE 216 Physical Geography 3sh GE 217 Physical Geography 3sh GE 218 Cartography 1 GR 219 Cartography 1 GR 210 Cartography 1 GR 211 Cartography 1 GR 212 Cartography 1 GR 213 Cartography 1 GR 214 Cartography 1 GR 215 Cartography 1 GR 216 Cartography 1 GR 217 Cartography 1 GR 218 Cartography 1 GR 219 Cartography 1 GR 210 Cartography 1 GR 210 Cartography 1 GR 211 Cartography 1 GR 211 Cartography 1 GR 212 Cartography 1 GR 213 Cartography 1 GR 214 Physical Geography 1 GR 215 Cartography 1 GR 216 Cartography 1 GR 217 Cartography 1 GR 218 Cartography 1 GR 219 Cartography 1 GR 210 Cartography 1 GR 211 Cartography 1 GR 211 Cartography 1 GR 212 Cartography 1 GR 213 Cartography 1 GR 214 Physical Geography 3sh GR 215 Cartography 1 GR 216 Cartography 1 GR 217 Cartography 1 GR 218 Cartography 1 GR 219 Cartography 1 GR 210 Cartography 1 GR 210 Cartography 1 GR 211 Cartography 1 GR 211 Cartography 1 GR 212 Cartography						
Major: 36 GE 213 Cartography 3sh Required Courses: GE 230 Caltural Geography 3sh GE 231 Economic Geography 3sh GE 241 Physical Geography 3sh GE 241 Physical Geography 3sh Controlled Electives: 3sh GE 241 Physical Geography 3sh One course from GE 251-257 3sh One course from GE 261-257 3sh On	Foreign Language Intermediate Level (1)	0-6				
Major: 36 Required Courses: 6E 230 Cultural Geography 3sh GE 213 Cartography 1 3sh GE 231 Cartography 1 3sh GE 231 Cartography 3sh GE 231 Economic Geography 3sh GE 241 Physical Geography 3sh One course from GE 251-257 3sh GE 213 Cartography I 3sh GE 230 Cultural Geography 3sh GE 231 Economic Geography 3sh GE 241 Physical Geography 3sh GE 231 Economic Geography 3sh GE 231 Cartography II 3sh GE 230 Cultural Geography 3sh GE 231 Cartography II 3sh GE 2				3sh		
Required Courses: GE 213 Economic Geography 3sh GE 213 Cartography 1 3sh GE 230 Cultural Geography 3sh GE 231 Economic Geography 3sh GE 231 Economic Geography 3sh GE 241 Physical Geography 3sh GE 241 Physical Geography 3sh GE 412 Research Seminar 3sh GE 412 Research Seminar 3sh GE 411 History of Geography 3sh GE 412 Research Seminar 3sh GE 413 Cartography II 3sh GE 231 Cartography 3sh GE 231 Cartogr		36				
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GE 231 Economic Geography 3sh GE 241 Physical Geography 3sh GE 251-257 3sh One course from GE 251-257 3sh One course from GE 251-257 3sh Five courses (15 sh) from any GE courses [only one GE 100 level permitted] 15sh Free Electives: 30-354 Total Degree Requirements: 124 B.A.—Geography/GIS & Cartographer Track Liberal Studies section with the following specifications: 54-58 Mathematics: MA 121 or MA 217 Liberal Studies caption with GE prefix College: Foreign Language Intermediate Level (1) 0-6 Major: 36 Major: 36 Major: 36 Major: 36 GE 231 Economic Geography 3sh GE 241 Physical Geography 3sh GE 241 Research Seminar 3sh GE 231 Cartography I 3sh GE 231 Cartography 3sh GE 241 Physical Geography 3sh GE 241 Research Seminar 3sh GE 231 Cartography I 3sh GE 231 Cartography 3sh GE 231 Economic Geography 3sh GE 231 Economic Geography 3sh GE 241 Physical Geography 3sh GE 241 Physical Geography 3sh GE 241 Research Seminar 3sh GE 231 Cartography I 3sh GE 231 Cartography I 3sh GE 231 Cartography I 3sh GE 231 Economic Geography 3sh GE 241 Physical Geography 3sh GE 241 Research Seminar 3sh GE 231 Cartography I 3sh GE 241 Physical Geography 3sh GE 2			 			
GE 241 Physical Geography 3sh One course from GE 251-257 3sh One course from GE 241-342 3sh One course from GE 251-257 3sh Five courses (15 sh) from any GE co						
GB 241 Physical ecography 3sh GE 411 Pistory of Geography 3sh GE 412 Research Seminar 3sh GE 51-257 3sh GN courses (15 sh) from any GE courses [only one GE 100 level permitted] 15sh Free Electives: 30-35 Free Electives: 30-35 Total Degree Requirements: 124 B.A.—Geography/GIS & Cartographer Track Liberal Studies: As outlined in Liberal Studies section with the following specifications: 54-58 Mathematics: MA 121 or MA 217 Liberal Studies electives: CO/IM/BE 101 recommended, no courses with GE prefix College: Foreign Language Intermediate Level (1) 0-6 Major: 36 Required Courses: GE 213 Cartography 3sh GE 231 Economic Geography 3sh GE 230 Cultural Geography 3sh GE 231 Economic Geography 3sh GE 231 Economic Geography 3sh GE 241 Physical Geography 3sh GE 411 History of Geography 3sh GE 411 History of Geography 3sh GE 412 Research Seminar 3sh GE 412 Research Seminar 3sh GE 413 Cartography II 3sh GE 414 Research Seminar 3sh GE 415 Remote Seminar 3sh GE 313 Cartography II 3sh GE 313 Cartography II 3sh GE 314 Map & Photo. Interpretation 3sh GE 315 Remote Seminar 3sh GE 316 Introduction to GIS 3sh GE 317 Centrolled Electives: 30-34						
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One course from GE 251-257 Five courses (15 sh) from any GE courses [only one GE 100 level permitted] Free Electives: 30-34 Total Degree Requirements: 124 B.A.—Geography/GIS & Cartographer Track Liberal Studies section with the following specifications: 54-58 Mathematics: MA 121 or MA 217 Liberal Studies electives: CO/IM/BE 101 recommended, no courses with GE prefix College: Foreign Language Intermediate Level (1) GE 213 Cartography 1 Sah GE 213 Cartography 3sh GE 213 Cartography 3sh GE 214 Physical Geography 3sh GE 241 Physical Geography 3sh GE 241 Physical Geography 3sh GE 412 Research Seminar 5sh Controlled Electives: One course from GE 251-257 3sh GE 313 Cartography II 3sh GE 313 Cartography II 3sh GE 313 Cartography II 3sh GE 314 Map & Photo. Interpretation 3sh GE 415 Remote Sensing 3sh GE 417 GIS Applications Development Free Electives: 30-35 Tree Electives: 30-35 Total Degree Requirements 124 B.A.—Geography/GIS & Cartographer Track Liberal Studies section with the following specifications: 53-58 Mathematics: MA 121 or MA 217 Liberal Studies: As outlined in Liberal Studies section with the following specifications: 53-58 Mathematics: MA 121 or MA 217 Liberal Studies: As outlined in Liberal Studies section with the following specifications: 53-58 Mathematics: MA 121 or MA 217 Liberal Studies: As outlined in Liberal Studies section with the following specifications: 53-58 Mathematics: MA 121 or MA 217 Liberal Studies: As outlined in Liberal Studies section with the following specifications: 53-58 Mathematics: MA 121 or MA 217 Liberal Studies: As outlined in Liberal Studies section with the following specifications: 53-58 Mathematics: MA 121 or MA 217 Liberal Studies: As outlined in Liberal Stud				15sh		
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Total Degree Requirements 124			Free Electives:	30-35		
Total Degree Requirements: 124 B.A.—Geography/GIS & Cartographer Track Liberal Studies: As outlined in Liberal Studies section with the following specifications: 54-58 Mathematics: MA 121 or MA 217 Liberal Studies electives: CO/IM/BE 101 recommended, no courses with GE prefix College: Foreign Language Intermediate Level (1)	• •					
B.A.—Geography/GIS & Cartographer Track Liberal Studies: As outlined in Liberal Studies: section with the following specifications: 54-58 Mathematics: MA 121 or MA 217 Liberal Studies: Mathematics: MA 121 or MA 217 Liberal Studies electives: CO/IM/BE 101 recommended, no courses with GE prefix College: College: College: Foreign Language Intermediate Level (1)			Total Degree Requirements	124		
Liberal Studies: As outlined in Liberal Studies section with the following specifications: 54-58 Mathematics: MA 121 or MA 217 Liberal Studies electives: CO/IM/BE 101 recommended, no courses with GE prefix College:	Total Degree Requirements:	124				
Liberal Studies: As outlined in Liberal Studies section with the following specifications: 54-58 Mathematics: MA 121 or MA 217 Liberal Studies electives: CO/IM/BE 101 recommended, no courses with GE prefix College:	B.AGeography/GIS & Cartographer	Track	B.A.—Geography/GIS & Cartographer	Track		
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Track Courses:GE 313 Cartography II3shGE 313 Cartography II3shGE 314 Map & Photo. Interpretation3shGE 314 Map & Photo. Interpretation3shGE 316 Introduction to GIS3shGE 316 Introduction to GIS3shGE 415 Remote Sensing3shGE 415 Remote Sensing3shGE 417 Technical Issues in GIS3shGE 417 GIS Applications Development3shFree Electives:30-35						
GE 313 Cartography II 3sh GE 314 Map & Photo. Interpretation 3sh GE 314 Map & Photo. Interpretation 3sh GE 316 Introduction to GIS 3sh GE 316 Introduction to GIS 3sh GE 415 Remote Sensing 3sh GE 417 Technical Issues in GIS 3sh GE 417 GIS Applications Development 3sh Free Electives: 30-35	Track Courses:			3sh		
GE 314 Map & Photo. Interpretation 3sh GE 316 Introduction to GIS 3sh GE 316 Introduction to GIS 3sh GE 415 Remote Sensing 3sh GE 417 Technical Issues in GIS 3sh GE 417 GIS Applications Development 3sh Free Electives: 30-35		3sh				
GE 316 Introduction to GIS GE 415 Remote Sensing 3sh GE 415 Remote Sensing 3sh GE 417 Technical Issues in GIS 3sh GE 417 GIS Applications Development 3sh Free Electives: 30-35		3sh		3sh		
GE 415 Remote Sensing 3sh GE 417 Technical Issues in GIS 3sh GE 417 GIS Applications Development 3sh Free Electives: 30-35	•			3sh		
GE 417 GIS Applications Development 3sh Free Electives: 30-35 Free Electives: 30-35		3sh		3sh		
Free Electives: 30-34			'	3 0-35		
Total Degree Requirements: 124 Total Degree Requirements: 124		30-34				
	Total Degree Requirements:	124	Total Degree Requirements:	124		

Old (cont.)		New (cont.)	
Bachelor of Arts-Geography/Economic Geograph	er Track	Bachelor of Arts-Geography/Economic Geograp	her Track
Liberal Studies: As outlined in Liberal Studies	54-58	Liberal Studies: As outlined in Liberal Studies	54-60
section with the following specifications:		section with the following specifications:	0.00
Mathematics: MA 121 or MA 217		Mathematics: MA 121 or MA 217	
Social Sciences: EC 121		Social Sciences: EC 121	
Liberal Studies electives: EC 122,		Liberal Studies electives: EC 122,	
no courses with GE prefix		no courses with GE prefix	
College:		College:	
Foreign Language Intermediate Level	0-6	Foreign Language Intermediate Level	0-8
Major:	36	Major:	36
Required Courses:		Required Courses:	50
GE 213 Cartography I	3sh	GE 213 Cartography I	3sh
GE 230 Cultural Geography	3sh	GE 230 Cultural Geography	3sh
GE 231 Economic Geography	3sh	GE 231 Economic Geography	3sh
GE 241 Physical Geography	3sh	GE 411 History of Geography	3sh
GE 411 History of Geography	3sh	GE 412 Research Seminar	3sh
GE 412 Research Seminar	3sh	Controlled Electives:	
Controlled Electives:		One course from GE 251-257	3sh
One course from GE 251-257	3sh	One course from GE 341-342	3sh
Track Courses:		Track Courses:	2011
GE 331 Population Geography	3sh	GE 331 Population Geography	3sh
GE 332 Urban Geography	3sh	GE 332 Urban Geography	3sh
GE 333 Trade and Transportation	3sh	GE 333 Trade and Transportation	3sh
GE 334 Political Geography	3sh	GE 334 Political Geography	3sh
GE 464 Land Use Policy	3sh	GE 464 Land Use Policy	3sh
Free Electives:	30-34	Free Electives:	28-34
EC 383 Urban/Regional Economics recommended		EC 383 Urban/Regional Economics recommended	
Total Degree Requirements	124	Total Degree Requirements	124

b. List of All Associated Changes for Geography Major.

- Dropping Physical Geography (GE 241) as a core requirement and replacing it with a controlled elective of Climatology (GE 341) or Physiography (GE 342) for all three tracks (General Geography, GIS and Cartographer Track, and Economic Geographer Track).
- 2) Liberal Studies and foreign language numbers are changing to be more accurate.

3) Rationale for Changes

GE 241 Physical Geography is being dropped as a required course* because it has become redundant. Students coming to the department are better prepared in physical geography and we find it more appropriate professionally that they complete the requirement (GE 341 Climatology or GE 342 Physiography) at an upper division content level. Informally the department has been allowing students to substitute either GE 341 or GE 342 for Physical Geography.

Part III. Implementation.

- 1) Students in the program will now have two options for their Physical Geography requirement. One is usually offered in the Fall and one in the Spring. Many current students have been allowed to substitute GE 341 Climatology or GE 342 Physiography for GE 241 Physical Geography.
- 2) The revision will not impact teaching loads because these courses are currently in the program. Physical Geography will not be offered as frequently and it will free up time to offer other major courses.
- 3) Other resources are adequate.
- 4) We expect no change in the number of students because of this revision.

Part IV. Course Proposals.

None needed for this revision.

Part V. Letters of Support.

None requested because these changes will not impact any other department.

^{*}The course itself is not being deleted at this time.