

GEOGRAPHY AND PLANNING-BS OR BA

THIS IS A **GENERAL** CURRICULUM GUIDE AND IS NOT APPLICABLE TO EVERY STUDENT. IT IS IMPORTANT TO MEET WITH YOUR ADVISOR.

Geography and Planning major (36 credits)

Geography Core (12 credits)

— **GPY 100 Physical Geography** (3)

— **GPY 220 Cultural Geography** (3)

— **GPY 300 Research Methods in Geography and Planning** (3)

Prerequisite: STA 215

— **GPY 495 Senior Thesis SWS** (3)

Prerequisite: Senior standing

Major Electives (24 credits)

The remainder of the 24 credit hours is comprised of electives that students select in close consultation with their academic advisor. Students must complete a minimum of 15 credit hours through the Department of Geography and Planning (with the GPY acronym). The remaining 9 hours may be selected from other departments listed on the reverse side.

Students generally focus their electives beyond the core courses in certain academic areas (for example, Geographic Information Systems, Remote Sensing and Image Processing, Cartography; City and Regional Planning; Environmental Geography/Environmental Studies, or Regional/Global Studies). However, it is suggested that a certain breadth across these areas is advantageous in order to provide flexibility and marketability for employment and/or acceptance by a graduate school. No more than six hours of 399 and 499 combined may count toward the major.

— **Major Elective** ____ (3)

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See reverse for elective options

Degree: choose one (B.A. or B.S.)

Bachelor of Arts

Third semester proficiency (201 level) is required for the B.A. degree. This may be fulfilled through language placement

(<http://www.gvsu.edu/ml/language-placement-the-opi-108.htm>) or by completing the courses listed below

— **Language 101** (4)

— **Language 102/150** (4) (150 is a hybrid of 101 & 102 and is only recommended for students with previous language background)

— **Language 201** (4)

Bachelor of Science

— **STA 215 Introductory Applied Statistics** (3)

Prerequisite: MTH 110 or equivalent

— **STA 216 Intermediate Applied Statistics** (3)

Prerequisite: STA 215 or STA 312

— **GPY 300 Research Methods in Geography and Planning** (3)

Prerequisite: STA 215

Sample Plan

Year One	
MTH 110 (4)	GPY 200 (3)
CIS 150 (3)	GPY Focus Area (3)
GPY 220 (3)	WRT 150 (3)
GPY 100 (3)	GEN ED (3)
GEN ED (3)	GEN ED (3)
Year Two	
STA 215 (3)	STA 216 (3)
GPY 307 (3)	GEN ED (3)
GEN ED (3)	GEN ED (3)
GEN ED (3)	GEN ED (3)
Elective (3)	Elective (3)

Year Three	
GPY Focus Area (3)	GPY Focus Area (3)
GPY Focus Area (3)	ISSUE/THEME (3)
GEN ED (3)	GPY 300 (3)
ISSUE/THEME (3)	Elective (3)
Elective (3)	Elective (3)
Elective (3)	Elective (3)
Year Four	
GPY 495 (3)	GPY Focus Area (3)
GPY Focus Area (3)	GPY Focus Area (3)
Elective (3)	Elective (3)
Elective (3)	Elective (3)
Elective (3)	Elective (3)

*Students must complete a total of two courses with an SWS attribute
 *Elective refers to any course to help you earn the required 120 credits for graduation (you are encouraged to complete an average of 15 credits per semester)
 *The block tuition rate is for 12-15 credits. You will pay additional tuition for any credits over 15
 *GPY 200, GPY 307, and GPY 407 are recommended as GPY electives

It is imperative to meet with your faculty advisor and an advisor in the CLAS Academic Advising Center regularly.

The CLAS Academic Advising Center is located in C-1-140 MAK, 616-331-8585.

Online at: <http://www.gvsu.edu/clasadvising>

Guide for Declaring the Geography and Planning Major:

1. Log into myBanner from the GVSU homepage
2. Once logged in select "Student", "Student Records", and then, "Change Major"
3. Click on the "Change Major 1/Program" box
4. Click on the down arrow in the box next to "New Major 1/Program," from here scroll down and choose "Geography and Planning-BA" or "Geography and Planning-BS" depending on your degree cognate
5. Click "Submit" and then "Change to New Program"

General Education Overlap

General Education Categories fulfilled by the Geography and Planning major:	
Social and Behavioral Sciences: GPY 220 or GPY 235	Mathematical Sciences: STA 215 (prereq to GPY 300)
World Perspectives: Option of selecting GPY 235	Historical Perspectives: Option of selecting ANT 215
Theme/Issue: Many options	U.S. Diversity: GPY 353

Geography and Planning Elective Courses

(all courses are 3 credits unless otherwise noted)

City and Regional Planning

GPY 309 Introduction to City & Regional Planning**	GPY 335 Geographic Patterns-Global Development	PA 307 Local Policies and Administration
GPY 310 Land Use Planning **	GPY/MKT 365 GIS for Economic & Business Geography	ECO 345 Environmental & Resource Economics
GPY 312 City and Regional Environmental Planning**	GPY 365 GIS for Economic & Business Geography	Prerequisite: ECO 211 or ECO 200
GPY 314 Land Use and Planning Law	GPY 385 Economic in the United States	ECO 435 Urban Economics
GPY 316 Introduction to Transportation Planning	GPY/ENS 410 Landscape Analysis	Prerequisite: ECO 211 or ECO 200
GPY 324 Urbanization**	Prerequisite: GPY 100 or GEO 111 or BIO 105 or GPY 309	ECO 436 Real Estate Economics
** = Sustainable City and regional Planning Certificate (Check Catalog for more details)		Prerequisite: ECO 211 or ECO 200

Environmental Geography

GPY 361 Historical Geography of the Amazon	GPY 410 Landscape Analysis	ECO 345 Environmental & Resource Economics
GPY 362 A Geography of World Agriculture & Farms	Prerequisite: GPY 100 or GEO 111 or BIO 105 or GPY 309	Prerequisite: ECO 211 or ECO 200
GPY 363 World Forests and Their Use	GPY/ENS 412 Global Environmental Change.	GEO 320 Geomorphology (4)
GPY 362 A Geography of World Agriculture and Farmers	Prerequisite: GPY 100 or BIO 105	Prerequisite: GEO 112
		NRM 240 Principles of Climatology (4)

Geographic Techniques

GPY 200 Computer Cartography	GPY 425 Field Research Project	CIS 260 Application Development in Visual Basic
Prerequisite: MTH 110 **	Prerequisite: permission of instructor	(4) Prerequisite: CIS 162
GPY 307 Introduction to Computer Mapping/Geographic Information Systems **	GPY 470 Digital Image Processing	NRM 250 Resource Management and Maps (4)
Prerequisite: sophomore standing or permission of instructor	Prerequisite: GPY 307 or NRM 350	NRM 395 GIS Applications in Resource Management
GPY/MKT 365 GIS for Economic & Business Geography	CIS 160 Programming with Visual Basic	Prerequisite: GPY 307 or NRM 250
GPY 370 Introduction to Remote Sensing **	Prerequisite: MTH 110	** = GIS Certificate (check Catalog for more details)
GPY 385 Economic Geography of the United States	CIS 162 Computer Science 1 (4)	
GPY 407 Advanced GIS (4) **	Prerequisite: MTH 110	
Prerequisite: GPY 307	CIS 230 Hardware and Software	
	Prerequisite: CIS 150	

Regional/Global Studies

GPY 235 World Regional Geography	GPY 352 Geography of Latin America	GPY 356 Geography of Europe
GPY 335 Geographic Patterns-Global Development	GPY 353 Geography of the United States & Canada	GPY 361 Historical Geography of the Amazon
GPY 345 Geography of Michigan/Great Lakes Region	GPY 354 Geography of Asia	GPY 362 A Geography of World Agriculture and Farmers
GPY 350 Geography of Russia and its Neighbors	GPY 355 Geography of Southwest Asia (The Middle East)	ANT 215 Origins of Civilization
GPY 351 Geography of Africa		

Other

GPY 380 Special Topics in Geography	GPY 490 Internship (1-9)	GPY 499 Independent Research (1-3)
GPY 399 Independent Readings (1-3)	Prerequisite: Permission of program coordinator	Prerequisite: Permission of program coordinator
Prerequisite: Permission of program coordinator		