

GEOG Curriculum worksheet: Requirements for Concentration in GIS & Computer Cartography¹

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Geography Primary Courses - 8 credits

Course Number	CORE	Credits	Semester Completed	Grade
201	PL ²	3		
211	PL ²	1		
202	SB	3		
212		1		

Geography Gateway – 6 credits – 3 credits in each a Human, and a Physical course

Type	Course Number (circle one)	Credits	Semester Completed	Grade
Human	310, 312, 313, 330, 331, 332, 334, other_____ ³	3		
Physical	340, 342, 345, other_____ ³	3		

Quantitative Course – 3 credits

Course Number	Credits	Semester Completed	Grade
306	3		

Upper Level Geography Elective – 3 credits.

Course Number	Credits	Semester Completed	Grade
	3		

Upper level Cartography, GIS, and Remote Sensing Electives – 15 credits (Six out of the 15 Credits must be 400 level or above)

Course Number	Credits	Semester Completed	Grade
372	3		
373	3		
476	3		
472, 473, or 475	3		
472, 473, or 475	3		

Supporting Courses³ – 15 credits – Students are encouraged to take primarily Mathematics (MATH) and Computer Science (CMSC) courses. Students interested in remote sensing may incorporate courses from Physics (PHYS), Biology (BIOL), or Atmospheric and Oceanic Science (AOSC). **The advising office must approve all supporting area courses prior to registration.**

Course Number	Credits	Semester Completed	Grade
Math 140/220	3		
	3		
	3		
	3		
	3		

Advanced studies – 6 Credits – Must be a 300 or 400 course level outside the GEOG Dept.

Course Number	Credits	Semester Completed	Grade
	3		
	3		

*** Students must select a faculty advisor once they have reached 60 credits. ***

Geography (GEOG) majors must complete six of the following courses within 30 attempted credits of entering the major:

- +Must complete with a 'C' grade or higher: GEOG 201/211 or GEOG 202 and at least one other Geography course of your choice (except GEOG 100).
- +Satisfactory completion of four CORE Distributive Studies courses which can include GEOG 201/211 and GEOG 202.
- +Satisfactory completion of Math 110 or higher and English fundamental studies course requirements.

¹ All courses must be completed with a grade of "C" or better.

² GEOG 201 and 211 must be taken simultaneously to count for PL CORE.

³ A Geography advisor must approve these courses.