

**UNIVERSITY OF UTAH
 GEOSPATIAL INTELLIGENCE CERTIFICATE PROGRAM (GICP)
 GRADUATE COURSEWORK CHECKLIST**

Student name: _____ **Unid:** _____

Degree Program: _____ **Anticipated graduation:** _____

Email address: _____ **Telephone** _____

Current degree program _____

Instructions: This form should be initiated by the student at the time he/she begins the graduate certification program, and filed with the GICP advisor. At least one semester prior to completing the required coursework and taking the Capstone GIS class (GEOG 6161) for the certificate program, the student must review their progress in the GICP with the GICP advisor (BLDG 73, Rm 217).

A student must complete a minimum of 32-34 credits of approved coursework and must earn a grade of at least B (3.0) in these courses. The final course **must** be the GIS Capstone Course (GEOG 6161).

PROGRAM OF STUDY

ADVISOR INITIAL	COURSE NUMBER AND TITLE	Credit Hrs	Sem/Year Taken	Grade
	Non-Geography prerequisites:			
	COMM 5120 – Teamwork	3		
	WRTG 6000 – Writing for Publication	3		
	GEOGRAPHY COURSEWORK			
	Technical Core Requirements:			
	GEOG 6110* – Environmental Analysis Through Remote Sensing (<i>Spring</i>)	3		
	GEOG 6140* – Methods in GIS	4		
	GEOG 6150* – Spatial Database Design for GIS (<i>Fall</i>)	4		
	GEOG 6161* – Capstone in GIS (<i>Spring</i>)	3		

	Technical Electives: Two of the following			
	GEOG 5170* – GeoData Field Methods (<i>Fall</i>)	3		
	GEOG 6000* – Spatial Statistics (<i>Fall</i>)	3		
	GEOG 6120* – Environmental Optics	3		
	GEOG 6130* – Advanced Remote Sensing Applications	3		
	GEOG 6160* – Spatial Modeling with GIS (<i>Spring</i>)	3		
	Analytical Electives: Two of the following			
	GEOG 5210 – Global Climate Change (<i>Spring</i>)	3		
	GEOG 5260 – Snow Dynamics and Avalanche Studies	4		
	GEOG 5270* – Biogeography: Global Patterns of Life (<i>Spring</i>)	4		
	GEOG 5320 – Geography of Terrorism and Homeland Security	3		
	GEOG 5440 – Global Economic Geography (<i>Spring</i>)	3		
	TOTAL COURSES (min. 10)			
	TOTAL HOURS (32-34)			

*Check for prerequisites

STUDENTS ARE RESPONSIBLE FOR FILLING OUT THE CERTIFICATE COMPLETION FORM IN THE SEMESTER BEFORE GRADUATION (OR BEFORE COMPLETING CERTIFICATE COURSEWORK IF A NON-MATRICULATED STUDENT). THE COMPLETION FORM CAN BE PICKED UP AND MUST BE TURNED IN BY STUDENTS IN THE GEOGRAPHY MAIN OFFICE:

***University of Utah
Department of Geography
332 South 1400 East
BLDG 73, Rm 217
Salt Lake City, UT 84112***