

UNIVERSITY OF MISSOURI GEOSPATIAL INTELLIGENCE CERTIFICATION PROGRAM (GICP) COURSEWORK CHECKLIST

Student name: _____ **Student Number:** _____
Degree program: _____ **Anticipated graduation date:** _____
Email address: _____

Instructions: This form should be initiated by the student at the time he/she begins the undergraduate certification program, and filed with the GICP Director (Dr. Matisziw). At least one semester prior to completing the required coursework for the certificate program, the student must notify the GICP Director of their progress in these classes.

A student must complete a minimum of **21 hours** of approved coursework and must earn a grade of at least **B (3.0)** in these courses. Seven courses must be successfully completed, with at least three courses selected from Group A – Technical Core Group; one course from Group B - Analytical Core Group; one course from Group C – Technical Elective Group; and one course from Group D – Analytic Electives. The final course must be a capstone experience (GEOG 4130/7130).

Coursework Checklist

	Semester	Grade
Group A – Technical Core (9 credits)		
GEOG 3840 Cartography (3 credits)	_____	_____
GEOG 3830 Remote Sensing (3 credits)	_____	_____
GEOG 3040/7840 Geographic Information Systems I (3 credits)*	_____	_____
Group B – Analytical Core (3 credits – choose one)		
GEOG 1550 Cultural Geog.: Intro. Humanized Earth (3 credits)	_____	_____
GEOG 2710 Economic Geography (3 credits)	_____	_____
GEOG 3780 World Political Geography (3 credits)	_____	_____
GEOG 4850/7850 Transportation Geography (3 credits)*	_____	_____
Group C – Technical Electives (3 credits – choose one)		
GEOG 4710/7710 Spatial Analysis in Geography (3 credits)	_____	_____
GEOG 4740/7740 Location Analysis & Site Selection (3 credits)	_____	_____
GEOG 4810/7810 Landscape Ecology & GIS Analysis I (3 credits)	_____	_____
GEOG 4860/7860 Advanced Remote Sensing (3 credits)	_____	_____
GEOG 4940/7940 Geographic Information Systems II (3 credits)	_____	_____
Group D - Analytic Electives (3 credits – choose one)		
GEOG 2340 South America (3 credits)	_____	_____
GEOG 2260 Geography of East Asia (3 credits)	_____	_____
GEOG 2270 Geography of Asia (3 credits)	_____	_____
GEOG 3140 Mexico, Central America & Caribbean (3 credits)	_____	_____
GEOG 3260 Geography of South East Asia (3 credits)	_____	_____
GEOG 3270/8270 Geography of the Middle East (3 credits)	_____	_____
GEOG 3280 Geography of South Asia (3 credits)	_____	_____
GEOG 3290 Geography of Russia & Indep. States (3 credits)	_____	_____
GEOG 3450 Geography of Africa (3 credits)	_____	_____
Capstone experience – Communication & Legal		
GEOG 4130/7130 Geospatial Sciences in National Security (3 credits)	_____	_____

Total Hours: _____

*Indicates cross-listed course