## **CLARION UNIVERSITY OF PENNSYLVANIA College of Arts, Education, & Sciences**

Name: Student ID#: Major: Advisor for M Date of Entry Minor:	into	10	Tabal Consider	lik Wanna
Requirement	s for Certificate in Geographic Information Systo	ems: 18	Total Cred	iit Hours
REQUIRED (cours	es must be taken in sequential order listed)	<u>Cr.</u>	Seme <u>Grade</u>	ester <u>Completed</u>
GEOG 411 GEOG 412 GEOG 413 GEOG 414	Fundamentals of Geospatial Technologies* Understanding and Developing GIS Data Spatial Data Visualization and Map Design GIS Analysis Modeling and Problem Solving	4 5 4 5		
(*Prerequisit	e: Bachelor Degree in any related field)			
Signatures (up	oon completion of the minor requirements):			
Minor Advisor			Date	
Department C	hairperson		Date	