



**GEOGRAPHIC INFORMATION SYSTEMS/
GLOBAL POSITIONING SYSTEM
ASSOCIATE IN SCIENCE DEGREE
SAMPLE SEQUENCE MAP**

This form is designed to be used in partnership with academic counselors. Modifications may be necessary to meet your goals. Seek assistance from an academic counselor each semester to stay on track to completion of major/certificate. There are 3 General Education patterns available. Not all courses on the map are offered every term. Consult the Catalog and the Schedule of Classes for more details

0 – 15 UNITS		Pre- or co-reqs	Credit	GE
Semester 1	Area IA: English Composition: <i>ENGL 122 – First-Year College Composition and Reading</i>	Placement	3	IA
	Area IC: Mathematics Comprehension	Placement	3-5	IC
	Area IV: Social and Behavioral Sciences:		3	IV
	Area II: Natural Sciences: <i>Required GEOG 120/121– Physical Geography + lab</i>		4	II
	Total		15	

16 – 30 UNITS		Pre- or co-reqs	Credit	GE
Semester 2	Area IB: Communications and Analytical Thinking		3	IB
	GEOG 125 – Intro to Geographic Information Systems (GIS)		3	
	GEOG 129 – Field Data Acquisition and Management	See catalog	3	
	Degree Applicable Elective	See counselor	6	
	Total		15	

31 – 45 UNITS		Pre- or co-reqs	Credit	GE
Semester 3	Area III : Arts and Humanities		3	III
	GEOG 126 – Advanced Geographic Information Systems	GEOG 125	3	
	GEOG 160 – Introduction to Remote Sensing	See catalog	4	
	Major Applicable Elective: 6 units from COMSC 101, 110, 120, 172, or 255	See counselor	6	
	Total		16	

46 – 60 UNITS		Pre- or co-reqs	Credit	GE
Semester 4	GEOG 162 – Map Design and Visualization	See catalog	3	
	Major Applicable Elective: 6 units from GEOG GIS major	See catalog	1-4	
	Major Applicable Elective: 6 units from GEOG GIS major	See catalog	1-4	
	Degree Applicable Elective	See counselor	4-6	
	Total		15	

Program total: 60