

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/Co-req	Credits	GE
Semester 1	Area II: Natural Sciences: <i>Recommend GEOG 120 – Physical Geography</i>		3	II
	GEOG 125 – Introduction to Geographic Information Systems		3	
	Area IA: English Composition: <i>ENGL 122 – First-Year College Composition and Reading</i>	Placement	3	IA
	Area IC: Mathematics Comprehension: <i>Recommend MATH 142</i>	Placement	3-5	IC
	Area III: Arts and Humanities		3	III
	Total		13-17	

16-30 UNITS		Pre/Co-req	Credits	GE
Semester 2	GEOG 126– Advanced Geographic Information Systems	GEOG 125	3	
	Area IV: Social and Behavioral Sciences (Non-geography class)		3	IV
	Degree Applicable Elective		3	
	Area IB: Communications and Analytical Thinking		3	IB
	GEOG 129 – Field Data Acquisition and Management		3	
	Total		15	

31-45 UNITS		Pre/Co-req	Credits	GE
Semester 3	GEOG 160 – Introduction to Remote Sensing	See Catalog	4	
	Major Applicable Elective: 6 units from GEOG catalog	See Catalog	6	
	GEOG 162 – Map Design and Visualization		3	
	Degree Applicable Elective		2	
	Total		15	

46-60 UNITS		Pre/Co-req	Credits	GE
Semester 4	Major Applicable Elective: 6 units from GEOG catalog	See Catalog	6	
	Degree Applicable Elective		9	
	Total		15	

PROGRAM TOTAL: 60

Tentative Planned Course Offering:

<u>FALL 2019</u>		<u>SPRING 2020</u>		<u>SUMMER 2020</u>	<u>FALL 2020</u>		<u>SPRING 2021</u>	
GEOG 120^	GEOG 135	GEOG 120^	GEOG 135	GEOG 120^	GEOG 120^	GEOG 135	GEOG 120^	GEOG 135
GEOG 121	GEOG 140	GEOG 121	GEOG 140		GEOG 121	GEOG 140	GEOG 121	GEOG 140
GEOG 124^	GEOG 162^	GEOG 124^	GEOG 160^		GEOG 124^	GEOG 162^	GEOG 124^	GEOG 141
GEOG 125^	GEOG 165^	GEOG 125^	GEOG 295^		GEOG 125^	GEOG 165^	GEOG 125^	GEOG 160^
GEOG 129^	GEOG 295^	GEOG 126^			GEOG 129^	GEOG 295^	GEOG 129^	GEOG 295
GEOG 130		GEOG 130			GEOG 130		GEOG 130	

^ Courses marked meet GIS Core or Elective Certificate Requirements