



**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
	Major Applicable Elective: <i>Required GEOG 130 – Cultural Geography</i>		3	
	Major Applicable Elective: 3 of 6 units from GEOG Catalog – <i>GEOG 125, GEOG 135 OR GEOG 140</i>	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
	Major Applicable Elective: 3 of 6 units from GEOG Catalog – <i>GEOG 125, GEOG 135 OR GEOG 140</i>	See catalog	3	
	Major Applicable Elective: 3 of 6 units from GEOG Catalog – <i>ANTHR 130, GEOL 120, OR GEOG 162</i>	See catalog	3	
	Degree Applicable Elective	See counselor	6	
	Total		15	

46 – 60 UNITS		Pre- or co-reqs	Credit	GE
Semester 4	Major Applicable Elective: 3 of 6 units from GEOG Catalog – <i>ANTHR 130, GEOL 120, OR GEOG 162</i>	See catalog	3	
	Degree Applicable Elective	See counselor	12	
	Total		15	

Program total: 60

This sheet is intended as a tool for students that are exploring and/or testing out their major options. If you know what major you want to focus on, the classes you choose should be in line with your certificate/degree/transfer goals and you should choose your courses in consultation with a counselor.

<p>Recommended First Semester Science and Health</p> <p><i>"I am interested in understanding the natural world and improving people's health."</i></p>
<p>Select 1 English Course</p>
<p>Suggested English Courses</p> <ul style="list-style-type: none"> • ENGL 122* - First-Year College Composition and Reading (Support Course ENGL 120) or • ENGL 122A* - First-Year College English for Multilingual Students (Support Course ENGL 120A)
<p>Select 1 Math Course</p>
<p>Suggested Math Courses</p> <ul style="list-style-type: none"> • Math 121 - Plane Trigonometry (Support Course MATH 021) or • Math 142* - Statistics (Support Course MATH 042) or • Math 191* - Pre-Calculus or • Math 192* - Analytic Geometry and Calculus I
<p>Select 1 Meta-Major Course</p>
<p>Life Science</p> <ul style="list-style-type: none"> • BIOSC 102* - Fundamentals of Biological Science With Laboratory • BIOSC 171* - Environmental Science with Laboratory • HORT 110 - Introduction to Horticulture and Plant Science
<p>Physical Science</p> <ul style="list-style-type: none"> • CHEM 108* - Introductory Chemistry • PHYS 120* - General College Physics I or PHYS 129* - Introductory Physics for Engineers • ENGIN 110 - Introduction to Engineering • GEOG 120* - Physical Geography + GEOG 121* - Physical Geography Laboratory • GEOG 125 - Introduction to Geographic Information Systems (GIS) • GEOL 121* - Earth and Life Through Time + GEOL 124* - Earth and Life Through Time Laboratory • OCEAN 101* - Fundamentals of Oceanography or OCEAN 102* - Fundamentals of Oceanography w/ Lab
<p>Health and Wellness</p> <ul style="list-style-type: none"> • ADS 170 - Introduction to Codependency and Family Issues • CULN 110 - Orientation to Hospitality • HSCI 124 - Health and Wellness or HSCI 130* - Introduction to Public Health • KINES 210 - Introduction to Kinesiology • NUTRI 160 - Nutrition: Science and Applications <p>*IGETC approved course</p>