

# College of Health & Sciences

## 2019-2020 Cartography - Geotechniques Degree Plan

### FIRST YEAR - FRESHMAN

<u>Fall Semester</u>		<u>Spring Semester</u>	
ENG	1113 * Freshman Composition I	1114 * Life Science**	(EHS 1114 Intro to Environmental Hlth Sci Recommended)
KIN	2122 * Wellness OR Nutrition FCS 1513	ENG	1213 * Freshman Composition II
MATH	1513 * College Algebra OR MATH 2825 Calculus and Analytic Geometry I	PS	1113 * United States Government
UNIV	1001 * Freshman Seminar	CMPS	1113 * Computer Programming I
	---3 * Communication**(Speech or Language)	GEOG	1113 * Elements of Human Geography
GEOG	1214 * Earth Science		

**16 or 19 TOTAL HOURS**

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### SECOND YEAR - SOPHOMORE

<u>Fall Semester</u>		<u>Spring Semester</u>	
CARTO	2253 Elements of Cartography	HIST	24-3 * United States History Survey**
GEOG	2513 * World Regional Geography	CARTO	2713 Elements Data Collection/ Field Studies
	---3 * Humanities-Western Civilization**	CARTO	3613 Advanced Cartography
	---3 * Humanities and Social Sciences		---6 Electives*** (6 hours)
	---3 Electives*** (3 hours)		

**15 TOTAL HOURS**

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#### Summer Semester - RECOMMENDED

GEOG 3613 Field Studies in Regional Geography^

### THIRD YEAR - JUNIOR

<u>Fall Semester</u>		<u>Spring Semester</u>	
CARTO	3753 Aerial Photography and Remote Sensing	CARTO	4753 Advanced Remote Sensing
CARTO	3953 Intro to Geographic Info Systems	CARTO	4953 Advanced Geog Info Systems
ENG	3183 Technical & Professional Writing OR	Choose one	---3 BSEC 2603, EHS 3703, MATH 2213, PSYCH 3833 or SOC 3833
	ENG 3193 Persuasive Writing and Logic		
	---7 Electives*** (7 hours)	#REF!	---6 # Electives*** (6 hours)

**16 TOTAL HOURS**

#### Summer Semester - RECOMMENDED

CARTO 4943 Internship^

**15 TOTAL HOURS**

### FOURTH YEAR - SENIOR

<u>Fall Semester</u>		<u>Spring Semester</u>	
GECAR	3233 Geospatial Research Design & Analysis	GECAR	4653 Senior Project
	---3 Required Upper Level Elective (CARTO/GEO/GESOC)		---3 Required Elective (CARTO/GEO/GESOC)
	---6 # Electives*** (6 hours)		---9 Electives*** (9 hours)
	---4 # Electives*** (4 hours)		

**16 TOTAL HOURS**

**15 TOTAL HOURS**

**TOTAL DEGREE PLAN HOURS 124**

\*General Education Requirement

\*\*See current catalog "General Education Requirements" for selection

\*\*\*No Minor required/Electives (39-41 hours)

^Recommended course, which may be taken as an upper-level CARTO/GEOG elective