

College of Health & Sciences

2018-2019 Cartography - Geotechniques Degree Plan

FIRST YEAR - FRESHMAN

Fall Semester

ENG	1113	* Freshman Composition I
KIN	2122	* Wellness OR Nutrition FCS 1513
MATH	1513	* College Algebra OR MATH 2825 Calculus and Analytic Geometry I
UNIV	1001	* Freshman Seminar
	---	3 * Communication**(Speech or Language)
GEOG	1214	* Earth Science

Spring Semester

	1114	* Life Science** <i>(EHS 1114 Intro to Environmental Hlth Sci Recommended)</i>
ENG	1213	* Freshman Composition II
PS	1113	* United States Government
CMPS	1113	* Computer Programming I
GEOG	1113	* Elements of Human Geography

16 or 19 TOTAL HOURS

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SECOND YEAR - SOPHOMORE

Fall Semester

CARTO	2253	Elements of Cartography
GEOG	2513	* World Regional Geography
	---	3 * Humanities-Western Civilization**
	---	3 * Humanities and Social Sciences
	---	3 Electives*** (3 hours)

Spring Semester

HIST	24-3	* United States History Survey**
CARTO	2713	Elements Data Collection/ Field Studies
CARTO	3613	Advanced Cartography
	---	6 Electives*** (6 hours)

15 TOTAL HOURS

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Summer Semester - RECOMMENDED

GEOG	3613	Field Studies in Regional Geography^
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THIRD YEAR - JUNIOR

Fall Semester

CARTO	3753	Aerial Photography and Remote Sensing
CARTO	3953	Intro to Geographic Info Systems
ENG	3183	Technical & Professional Writing OR
		ENG 3193 Persuasive Writing and Logic
	---	7 Electives*** (7 hours)

Spring Semester

CARTO	4753	Advanced Remote Sensing
CARTO	4953	Advanced Geog Info Systems
Choose one	---	3 BSEC 2603, EHS 3703, MATH 2213, PSYCH 3833 or SOC 3833
#REF!	---	6 # Electives*** (6 hours)

16 TOTAL HOURS

Summer Semester - RECOMMENDED

CARTO	4943	Internship^
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15 TOTAL HOURS

FOURTH YEAR - SENIOR

Fall Semester

GECAR	3233	Geospatial Research Design & Analysis
	---	3 Required Upper Level Elective (CARTO/GEO/GESOC)
	---	6 # Electives*** (6 hours)
	---	4 # Electives*** (4 hours)

Spring Semester

GECAR	4653	Senior Project
	---	3 Required Elective (CARTO/GEO/GESOC)
	---	9 Electives*** (9 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