

College of Health & Sciences

2016-2017 Cartography - Geotechniques Degree Plan

FIRST YEAR - FRESHMAN

<u>Fall Semester</u>	<u>Spring Semester</u>
ENG 1113 * Freshman Composition I	BIOL 1-14 * Life Science**
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

16 TOTAL HOURS

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

15 TOTAL HOURS

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 ENG 3193 Persuasive Writing and Logic	Choose one ---3 BSEC 2603, EHS 3703, MATH 2213, PSYCH 3833 or SOC 3833
---7 Electives*** (7 hours)	---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