

Special Application Process Required



Name: \_\_\_\_\_
Student ID: \_\_\_\_\_
Date Admitted Into Major: \_\_\_\_\_

COMBINED BACHELOR OF SCIENCE CARTOGRAPHY
AND
MASTER OF SCIENCE GEO-INFORMATION SCIENCE

GENERAL EDUCATION REQUIREMENTS

Competencies

Basic College Math
Reading Comprehension

General Education Categories - 34-35 credits

Table with 5 columns: Category, Course Name, Credits, etc. Includes FYS, W-I, OC, PGR, CEA, WC, HP, CS, SR, and QR.

Written Communication (Level II and Level III) and Diversity, Power Dynamics and Social Justice

Table for W-II, W-III, and DPDS with checkboxes.

Minor/Free Electives (31 credits total)

Additional free electives beyond the credits listed may be required based on the use of support courses to satisfy the General Education Category requirements.

Empty table grid for listing minor/free electives.

COURSES IN MAJOR (54 credits)

Major Core Courses (15 credits total)

Table listing major core courses: Global Climate Change, Introduction to Geography, World Regions, Introduction to Maps & GIS, Introduction to Quantitative Geography, Geographic Research.

Major Concentration Courses (27 credits)

Table listing major concentration courses: Cartography, GIS, Remote Sensing, Advanced GIS, Air Photos Interpretation, Digital Image Processing, Geographic Information Systems, Interpretation of Remote Sensing Imagery, Advanced Geographic Quantitative Methods, GIS Project Implantation.

Techniques Electives (6 credits)

Table listing techniques elective courses: Air Photos Interpretation, Digital Image Processing, GIS and Business, GIS Applications, Programming for GIS.

Geography electives (6 credits)

Table listing geography elective courses.

5th Year Courses (19 graduate credits)

Fall

Table listing 5th year Fall courses: GIS for Research and Analysis, Software Design and Programming in GIS, Graduate Elective.

Spring

Table listing 5th year Spring courses: Spatial Database Analysis and Design, Directed Study (thesis), Seminar in GIS, Graduate Elective.

Students may choose to use support courses to satisfy general education categories but may not be required to do so. Note: If a course is used to satisfy two or more requirements...

Courses used to satisfy the general education requirements of the university must be taken from a minimum of six different academic disciplines.

These Scientific Reasoning General Education Category courses do not have to be a sequence or be from the same discipline

Level II, Level III Written Communications and Diversity, Power Dynamics and Social Justice Courses may be used to satisfy requirements anywhere else in a student's program of study where they may apply.

COMPETENCIES - TO BE COMPLETED WITHIN THE FIRST 30 CREDITS

GENERAL EDUCATION CATEGORIES - TO BE COMPLETED WITHIN THE FIRST 30 CREDITS

Exceptions in the timing of courses will be made for transfer students