

Geographic Information System

The following 3 courses are required

Code	Title	Credits
ENGR 440	Geographic/Land Information Systems	3
ENGR 303	Photogrammetry and Aerial Photo Interpretation	3
ENGR 301	Engineering Applications of Data Science	3

Remaining 2 courses from the following

Code	Title	Credits
CE 350	Transportation Engineering	3
CE 351	Intro To Transportation System	3
CS 331	Database System Design & Mgmt	3
or IS 331	Database Design Management and Applications	
CS 444	Big Data Systems	3
DS 340	Fundamentals and Principles of Data Science	3
or CS 301	Introduction to Data Science	
STS 363	Sustainability Studies	3