

# CIVIL

SUSTAINABILITY  
CONNECT  
CVEEN  
INVOLVE  
IMAGINE  
DESIGN  
BUILD  
LEARN  
SUCCESS  
ENGINEERING

## TRANSPORTATION/MATERIALS COURSES

The following is the potential courses that could be taken to meet the Department's requirements. Before taking a course you should discuss with your advisor to see if they meet your curriculum plan. If a students advisor and supervisory committee wishes to vary from the course requirements a formal petition must be submitted to the Graduate Studies Committee.

### Core Courses

CVEEN 6510	Highway Design
CVEEN 6530	Quantitative Methods in Transportation
CVEEN 6560*	Transportation Planning
CVEEN 6570	Pavement Design
CVEEN 6920	Optimization in Transportation
CVEEN 7545	Transportation Modeling
CVEEN 7550	Transportation Infrastructure Maintenance
CVEEN 7560	Advanced Construction Materials
CVEEN 7920	Advanced Topics (in Transportation)

\*All Transportation students shall take this course

### Elective Courses

Any CVEEN 6000 or 7000 course approved by the Supervisory Committee

CS 6140	Data Mining
CS 6350	Machine Learning
GEOG 6160	Spatial modeling with GIS
GEOG 6180	Geoprocessing with Python

Note: Appropriate courses not listed can be approved by the student's supervisory committee for Elective credit.

