

# MASTER OF ENGINEERING IN URBAN SYSTEMS ENGINEERING, URBAN TRANSPORTATION SYSTEMS TRACK

## Curriculum

Code	Title	Credit Hours
<b>Core Courses</b>		(18)
CAE 523	Statistical Analysis of Engineering Data	3
CAE 558/ENGR 531	Urban Systems Engineering Design	3
CAE 559/ENGR 532	Urban Systems Engineering Seminar	3
CAE 574	Economic Decision Analysis in Civil Engineering	3
CAE 575	Systems Analysis in Civil Engineering	3
CHE 543	Energy, Environment, and Economics	3
<b>Urban Transportation Systems Courses</b>		(12)
Select 12 credit hours from the following courses:		12
CAE 543	Demand Models for Urban Transportation	3
CAE 544	Urban Transportation Planning	4
CAE 546	Public Transportation Systems	3
CAE 548	Transportation Systems Management	3
CAE 549	Transportation Economics, Development and Policy	3
CAE 555	Transportation Systems Evaluation	3
CAE 568	Transportation Asset Management	3
ECE 512	Hybrid Electric Vehicle Drives	3
ECE 544	Wireless and Mobile Networks	3
Total Credit Hours		30