

CERTIFICATE IN TRANSPORTATION SYSTEMS PLANNING

Curriculum

Code	Title	Credit Hours
Required Courses		(6)
Select a minimum of two courses from the following (with adviser consent):		6
CAE 523	Statistical Analysis Engg Data	3
CAE 543	Demand Models for Urban Trans	3
CAE 544	Urban Transportation Planning	4
CAE 546	Public Transportation Systems	3
CAE 548	Transportation Systems Mgnt	3
CAE 555	Transportation Sysys Evaluatio	3
CAE 575	Systems Analysis in Civil Engg	3
MATH 525	Statistical Models and Methods	3
Elective Courses		(6)
Select a minimum of two courses from the following (with adviser consent): ¹		6
CAE 416	Facilty Dsgn Trnsprtn Syst	3
CAE 417	Railroad Engineering & Design	3
CAE 419	Intro Transportation Engg/Dsgn	3
CAE 430	Probability Cncpt Ce Dsgn	3
CAE 539	Intro to Geographic Info Sysys	3
CAE 549	Transportation Econ, Dev&Plcy	3
CAE 568	Transportation Asset Mgnt	3
CAE 574	Economic Decision Analysis	3
CAE 581	Algorithms in Transportation	3
MATH 522	Mathematical Modeling	3
MATH 563	Mathematical Statistics	3
MATH 564	Applied Statistics	3
MATH 571	Data Preparation and Analysis	3
Total Credit Hours		12

¹ If more than two courses from the required courses list are taken, those additional courses can be applied as electives