

**DEGREE PLAN**  
**MASTER OF SCIENCE IN CIVIL ENGINEERING**  
**(WITH A MAJOR IN TRANSPORTATION SYSTEMS MANAGEMENT)**  
**GRADUATE DIVISION – SMU BOBBY B. LYLE SCHOOL OF ENGINEERING**

SMU ID #: \_\_\_\_\_ Name: \_\_\_\_\_  
 Home Address: \_\_\_\_\_ Home Phone: \_\_\_\_\_  
 Business Address: \_\_\_\_\_ Business Phone: \_\_\_\_\_  
 E-mail Address: \_\_\_\_\_ Fax Phone: \_\_\_\_\_

Course No.	Title	Instructor	Hrs.	Semester	Grade
<i>Articulation Courses (if required)</i>					
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
<i>Core Courses – Transportation Systems Management (15 Term-credit Hours)</i>					
CEE 7323	Project Management	_____	3	_____	_____
CEE 7378	Transportation Planning and Traffic Engineering	_____	3	_____	_____
CEE 7379	Highways Design and Safety	_____	3	_____	_____
EMIS 7370	Probability & Statistics for Scientists & Engineers	_____	3	_____	_____
EMIS 8360	Operations Research Models	_____	3	_____	_____
<i>Electives (15 Term-credit Hours)</i>					
CEE 7(0,1,2,3,6)96	Thesis	_____	6	_____	_____
CEE 7331	Air Pollution Management and Engineering	_____	3	_____	_____
CEE 7350	Intro. to Environmental Management Systems	_____	3	_____	_____
CEE 7365	Introduction to Construction Management	_____	3	_____	_____
CEE 7391	Special Projects (Topics in Transportation Engr.)	_____	3	_____	_____
CEE 8378	Transportation Demand Analysis	_____	3	_____	_____
CEE 8379	Analysis of Transportation Systems	_____	3	_____	_____
CSE 7345	Advanced Java Programming	_____	3	_____	_____
CSE 7365	Introduction to Numerical Analysis	_____	3	_____	_____
CSE 8355	Graph Theory: Algorithms and Applications	_____	3	_____	_____
EMIS 7340	Logistics Systems Engineering	_____	3	_____	_____
EMIS 7377	Design and Analysis of Experiments	_____	3	_____	_____
EMIS 8361	Economic Decision Analysis	_____	3	_____	_____
EMIS 8371	Linear Programming	_____	3	_____	_____
EMIS 8373	Integer Programming	_____	3	_____	_____
EMIS 8374	Network Flows	_____	3	_____	_____
STAT 6336	Statistical Analysis	_____	3	_____	_____

**TOTAL HOURS (30 Minimum)** \_\_\_\_\_

APPROVED: \_\_\_\_\_  
 Advisor / Date Department Head / Date

Director of Graduate Division/Date

**NOTE: Students should consult with their advisor each semester before enrolling, to ensure course credit.**