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
Articulation Courses *(if required)*					
_____	_____	_____	___	_____	_____
_____	_____	_____	___	_____	_____
Core Courses – Transportation Systems Management (15 Term-credit Hours)					
CEE 7323	Project Management	_____	3	_____	_____
CEE 7378	Transportation Planning and Traffic Engineering	_____	3	_____	_____
CEE 7379	Highways Design and Safety	_____	3	_____	_____
EMIS 7370 (STAT 5340)	Probability & Statistics for Scientists & Engineers	_____	3	_____	_____
EMIS 8360	Operations Research Models	_____	3	_____	_____
Electives (15 Term-credit Hours)					
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.