

DEGREE PLAN
MASTER OF SCIENCE IN CIVIL ENGINEERING
GRADUATE DIVISION – SMU 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>					
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
Core Courses – Structural Engineering (15 Term-credit Hours)					
ENCE 7340	Introduction to Solid Mechanics	_____	3	_____	_____
ENCE 7361	Matrix Struc. Analysis & Intro. to Finite Elements	_____	3	_____	_____
ENCE 7364	Introduction to Structural Dynamics	_____	3	_____	_____
ENCE 7377	Advanced Steel Design	_____	3	_____	_____
ENCE 7375	Advanced Reinforced Concrete	_____	3	_____	_____
Group I Specialization Electives (9 Term-credit Hours)					
ENCE 7373	Prestressed Concrete	_____	3	_____	_____
ENCE 7385	Advanced Soil Mechanics	_____	3	_____	_____
ENCE 7386	Foundation Engineering	_____	3	_____	_____
ENCE 8340	Theory of Elasticity	_____	3	_____	_____
ENCE 8364	Finite Elements in Structural & Continuum Mech.	_____	3	_____	_____
ENCE 8366	Basic Concepts of Structural Stability	_____	3	_____	_____
ENCE 8368	Theory of Plate Behavior	_____	3	_____	_____
Group II Breadth Electives (6 Term-credit Hours)					
ENCE 7365	Introduction to Construction Management	_____	3	_____	_____
ENCE 7366	Introduction to Facilities Engineering Systems	_____	3	_____	_____
ENCE 7369	Electrical, Mechanical, and Piping Systems	_____	3	_____	_____
ENCE 7372	Introduction to CAD	_____	3	_____	_____
ENCE 7378	Transportation Planning and Traffic Engineering	_____	3	_____	_____
ENCE 7(0,1,2,3,6)96	Thesis	_____	6	_____	_____
ENCE 8365	Construction Methods and Rehabilitation	_____	3	_____	_____
ENCE 8379	Analysis of Transportation Systems	_____	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.