



DEGREE PLAN MASTER OF SCIENCE IN CIVIL ENGINEERING (Structural Engineering)

SMU ID #: _____ Name: _____
 Home Address: _____ O R E L O H Phone: _____
 6 0 8 E-mail: _____ Business Phone: _____ B B B B B B B B

Course No. Title Instructor Hrs. Semester Grade
Articulation Courses (if required)

Core Courses Structural Engineering (15 Term-credit Hours)

CEE7340	Introduction to Solid Mechanics	_____	3	_____	_____
CEE7361	Matrix Struc. Analysis & Intro. to Finite Elements	_____	3	_____	_____
CEE7364	Introduction to Structural Dynamics	_____	3	_____	_____
CEE7377	Advanced Steel Design	_____	3	_____	_____
CEE7375	Advanced Reinforced Concrete	_____	3	_____	_____

Electives (15 Term-credit Hours)

CEE7373	Prestressed Concrete	_____	3	_____	_____
CEE7385	Advanced Soil Mechanics	_____	3	_____	_____
CEE7386	Foundation Engineering	_____	3	_____	_____
CEE7387	Geotechnical Earthquake Engineering	_____	3	_____	_____
CEE8340	Theory of Elasticity	_____	3	_____	_____
CEE8364	Finite Elements in Structural & Continuum Mech.	_____	3	_____	_____
CEE8366	Basic Concepts of Structural Stability	_____	3	_____	_____
CEE8368	Theory of Plate Behavior	_____	3	_____	_____
CEE7365	Introduction to Construction Management	_____	3	_____	_____
CEE7378	Transportation Planning and Traffic Engineering	_____	3	_____	_____
CEE7379	Highways Design and Safety	_____	3	_____	_____
CEE7(0,1,2,3,6)	Thesis	_____	3	_____	_____

TOTAL HOURS (30 Minimum) _____

APPROVED _____
 Advisor / Date Department Head / Date

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

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