

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

SMU ID #: _____ Name: _____
 Home Address: _____ Mobile Phone: _____
 SMU E-mail: _____ Business Phone: _____

Course No.	Title	Instructor	Hrs.	Semester	Grade
<i>Articulation Courses (if required)</i>					
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
<i>Core Courses – Structural Engineering (15 Term-credit Hours)</i>					
CEE 7340	Introduction to Solid Mechanics	_____	3	_____	_____
CEE 7361	Matrix Struc. Analysis & Intro. to Finite Elements	_____	3	_____	_____
CEE 7364	Introduction to Structural Dynamics	_____	3	_____	_____
CEE 7377	Advanced Steel Design	_____	3	_____	_____
CEE 7375	Advanced Reinforced Concrete	_____	3	_____	_____
<i>Electives (15 Term-credit Hours)</i>					
CEE 7373	Prestressed Concrete	_____	3	_____	_____
CEE 7385	Advanced Soil Mechanics	_____	3	_____	_____
CEE 7386	Foundation Engineering	_____	3	_____	_____
CEE 7387	Geotechnical Earthquake Engineering	_____	3	_____	_____
CEE 8340	Theory of Elasticity	_____	3	_____	_____
CEE 8364	Finite Elements in Structural & Continuum Mech.	_____	3	_____	_____
CEE 8366	Basic Concepts of Structural Stability	_____	3	_____	_____
CEE 8368	Theory of Plate Behavior	_____	3	_____	_____
CEE 7365	Introduction to Construction Management	_____	3	_____	_____
CEE 7378	Transportation Planning and Traffic Engineering	_____	3	_____	_____
CEE 7379	Highways Design and Safety	_____	3	_____	_____
CEE 8365	Construction Methods and Rehabilitation	_____	6	_____	_____
CEE 7(0,1,2,3,6) 96	Thesis	_____	3	_____	_____

TOTAL HOURS (30 Minimum) _____

APPROVED _____
 Advisor / Date Department Head / Date

Lyle Director of Graduate Studies/Date

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

All Lyle graduate degrees must be completed within a 7 year window. Most courses are offered during alternating semesters to allow some flexibility. Sample tracks for completion are shown below:

- | | |
|-------------------------------------|--|
| Fall - 2 courses | Fall - 1 course/Spring - 1 course - year 1 - 2 courses |
| Spring - 2 courses | Fall - 1 course/Spring - 1 course - year 2 - 2 courses |
| Fall - 2 courses | Fall - 1 course/Spring - 1 course - year 3 - 2 courses |
| Spring - 2 courses | Fall - 1 course/Spring - 1 course - year 4 - 2 courses |
| Fall - 2 courses | Fall - 1 course/Spring - 1 course - year 5 - 2 courses |
| Graduation in Fall term (2.5 years) | Graduation in Spring term of year 5 |