## MASTER'S DEGREE PLAN MASTER OF SCIENCE IN CIVIL ENGINEERING GRADUATE DIVISION – SMU-SCHOOL OF ENGINEERING

	Introduction to Solid Mechanics Matrix Structural Analysis & Introduction to Finite Element Methods Introduction to CAD/CAM Advanced Steel Design Advanced Reinforced Concrete	Business Phone:	3 3 3 3 3	
E-mail Address:  CORE COURSE  ENCE 7340  ENCE 7361  ENCE 7372  ENCE 7377	S (15 SCH) Introduction to Solid Mechanics Matrix Structural Analysis & Introduction to Finite Element Methods Introduction to CAD/CAM Advanced Steel Design Advanced Reinforced Concrete	_	3 3 3 3	
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ENCE 7372 ENCE 7377	Introduction to Finite Element Methods Introduction to CAD/CAM Advanced Steel Design Advanced Reinforced Concrete		3	
ENCE 7377	Introduction to CAD/CAM Advanced Steel Design Advanced Reinforced Concrete		3	
ENCE 7377	Advanced Steel Design Advanced Reinforced Concrete		3	
	Advanced Reinforced Concrete			
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ELECTIVES (15	SCH)			
ENCE 7363	Architectural and Structural Engineering		3	
ENCE 7365	Introduction to Construction Management		3	
ENCE 7366	Intro to Facilities Engineering Systems		3	
ENCE 7369	Electrical, Mechanical, and Piping Systems		3	
ENCE 7373	Prestressed Concrete		3	
ENCE 7385	Advanced Soil Mechanics		3	
ENCE 7386	Foundation Engineering		3	
ENCE 7(0,1,2	2,3,6)96 Master's Thesis		0,1,2,3,6	
ENCE 8340	Theory of Elasticity		3	
ENCE 8364	Finite Element Methods in Structural and			
	Continuum Mechanics		3	
ENCE 8365	Construction Methods and Rehabilitation		3	
ENCE 8366	Basic Concepts of Structural Stability		3	
ENCE 8368	Theory of Plate Behavior		3	
	TOTAL HOURS 30			
APPROVED	Advisor / Date	Department		