

DEGREE PLAN MASTER OF SCIENCE IN ENVIRONMENTAL ENGINEERING

SMU ID #:		Name:	
Home Address:		Home Phone:	
Business Address:		Business Phone:	
SMU email:		Fax Phone:	

Course No.	Title	Instructor	Hrs.	Semester	Grade
<i>Articulation Courses (if required)</i>					
			3		
			3		
<i>Core Courses (9 Term-credit Hours)</i>					
CEE 7313	Environmental Chemistry		3		
CEE 7321	Physical & Chemical Processes & Treatment		3		
CEE 7322	Biological Processes and Treatment		3		
<i>Processes and Treatment (at least 3 Term-credit Hours)</i>					
CEE 7317	Environmental Organic Chemistry		3		
CEE 7318	Bioremediation of Inorganic Contaminants		3		
CEE 7319	Soil Chemistry and Mineralogy		3		
CEE 7320	Biodegradation of Hazardous Organic Pollutants		3		
CEE 7331	Air Pollution Management and Engineering		3		
CEE 7332	Groundwater Hydrology and Contamination		3		
CEE 7334	Fate and Transport of Contaminants		3		
CEE 7335	Aerosol Mechanics		3		
CEE 7336	Urban Hydrology and Hydraulics		3		
ME 7336	Intermediate Fluid Dynamics		3		
<i>Tools/Applications (at least 3 Term-credit Hours)</i>					
CEE 7303	Citizen Engineering Using Machine Learning		3		
CEE 7312	Risk Assessment and Health Effects		3		
CEE 7314	Environmental Regulations and Compliance		3		
CEE 7324	Geographical Information Systems and Mapping		3		
CEE 7325	Disaster Management		3		
CEE 7337	Field & Lab Methods 1		3		
CEE 7362	Engineering Analysis with Numerical Methods		3		

Electives (at least 15 Term-credit Hours, or 6 hours with a secondary specialty)

Any course listed above or below, or complete a secondary specialty (separate form),

CEE 7(0,1,2,3,6) 96	Thesis	_____	6	_____	_____
CEE 7323	Project Management	_____	3	_____	_____
CEE 7338	Field & Lab Methods 2	_____	3	_____	_____
CEE 7350	Intro. to Environmental Management Systems	_____	3	_____	_____
CEE 7351	Introduction to Environmental Toxicology	_____	3	_____	_____
CEE 7353	Environmental Epidemiology	_____	3	_____	_____
OREM 7370	(STAT 5340) Prob. & Statistics for Sci & Eng.	_____	3	_____	_____
OREM 8360	Operations Research Models	_____	3	_____	_____
OREM 8361	Engineering Economics and Decision Analysis	_____	3	_____	_____
OREM 8362	Engineering Accounting	_____	3	_____	_____
OREM 8363	Engineering Finance	_____	3	_____	_____
OREM 8364	Engineering Management	_____	3	_____	_____
OREM 8378	Optimization Models for Decision Support	_____	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.

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