DEGREE PLAN
MASTER OF SCIENCE IN ENVIRONMENTAL SCIENCE
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
Articulation Courses *(if required)*					
_____	_____	_____	____	_____	_____
_____	_____	_____	____	_____	_____
Core Courses (15 Term-credit Hours)					
ENCE 7312	Risk Assessment and Health Effects	_____	3	_____	_____
ENCE 7313	Environmental Chemistry and Biology	_____	3	_____	_____
ENCE 7322	Biological Waste Treatment	_____	3	_____	_____
ENCE 7331	Air Pollution Management and Engineering	_____	3	_____	_____
ENCE 7354	Environmental Engineering Principles & Processes	_____	3	_____	_____
Group I Specialization Electives (9 Term-credit Hours)					
ENCE 7311	Environmental and Hazardous Waste Law	_____	3	_____	_____
ENCE 7351	Introduction to Environmental Toxicology	_____	3	_____	_____
BIOL (CHEM) 5110	Biological Chemistry Lab	_____	1	_____	_____
BIOL (CHEM) 5310	Biol. Chem.: Macromolecular Struc. & Func.	_____	3	_____	_____
BIOL 5311	Biological Chemistry: Metabolism	_____	3	_____	_____
BIOL 5364	Endocrine Physiology	_____	3	_____	_____
CHEM 5486	Instrumental Analysis	_____	4	_____	_____
EMIS 7370	Probability & Statistics for Scientists & Engineers	_____	3	_____	_____
GEOL 5370	Global Change	_____	3	_____	_____
GEOL 5384	Hydrogeology	_____	3	_____	_____
GEOL 5386	Geochemistry	_____	3	_____	_____
GEOL 6369	Advanced Geochemistry	_____	3	_____	_____
GEOL 6370	Aquatic & Mineral-Water Interface Geochemistry	_____	3	_____	_____
Group II Breadth Electives (6 Term-credit Hours)					
ENCE 7314	Environmental Regulations and Compliance	_____	3	_____	_____
ENCE 7315	Integrated Waste Management	_____	3	_____	_____
ENCE 7323	Project Management	_____	3	_____	_____
ENCE 7325	Disaster Management	_____	3	_____	_____

ENCE 7332	Groundwater Hydrology and Contamination	_____	3	_____	_____
ENCE 7334	Fate and Transport of Contaminants	_____	3	_____	_____
ENCE 7335	Aerosol Mechanics	_____	3	_____	_____
ENCE 7350	Introduction to Environmental Management Systems	_____	3	_____	_____
ENCE 7352	Management of Radioactive Hazards	_____	3	_____	_____
ENCE 7(0,1,2,3,6)96	Thesis	_____	6	_____	_____
EMIS 8360	Operations Research Models	_____	3	_____	_____
EMIS 8361	Economic Decision Analysis	_____	3	_____	_____
EMIS 8362	Engineering Accounting	_____	3	_____	_____
EMIS 8363	Engineering Finance	_____	3	_____	_____
EMIS 8364	Management for Engineers	_____	3	_____	_____
EMIS 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.