# DEGREE PLAN

**MASTER OF SCIENCE IN ENVIRONMENTAL SCIENCE**

*(WITH A MAJOR IN HAZARDOUS AND WASTE MATERIALS MANAGEMENT)*

**GRADUATE DIVISION – SMU SCHOOL OF ENGINEERING**

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<th>Name</th>
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<th>Home Address</th>
<th>Business Address</th>
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### Articulation Courses (if required)

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<th>Instructor</th>
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### Core Courses (24 Term-credit Hours)

**ENCE 7311** Environmental and Hazardous Waste Law

**ENCE 7312** Risk Assessment and Health Effects

**ENCE 7313** Environmental Chemistry and Biology

**ENCE 7314** Environmental Regulations and Compliance

**ENCE 7315** Integrated Waste Management

**ENCE 7322** Biological Waste Treatment

**ENCE 7323** Project Management

**ENCE 7354** Environmental Engineering Principles & Processes

### Environmental Elective (3 Term-credit Hours)

**ENCE 7325** Disaster Management

**ENCE 7331** Air Pollution Management and Engineering

**ENCE 7332** Groundwater Hydrology and Contamination

**ENCE 7334** Fate and Transport of Contaminants

**ENCE 7335** Aerosol Mechanics

**ENCE 7350** Introduction to Environmental Management Systems

**ENCE 7351** Introduction to Environmental Toxicology

**ENCE 7352** Management of Radioactive Hazards

### Engineering Management Elective (3 Term-credit Hours)

**EMIS 8361** Economic Decision Analysis

**EMIS 8362** Engineering Accounting

**EMIS 8363** Engineering Finance

**EMIS 8364** Management for Engineers

**TOTAL HOURS (30 Minimum)** ___

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**APPROVED**

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**Director of Graduate Division/Date**

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