## MASTER'S DEGREE PLAN IN ENVIRONMENTAL SCIENCE (WITH A MAJOR IN <u>HAZARDOUS AND WASTE MATERIALS MANAGEMENT</u>) GRADUATE DIVISION – SMU-SCHOOL OF ENGINEERING

| Social Security #:                    | Name:  |                 |             |
|---------------------------------------|--|-----------------|-------------|
| Home Address:                         |  | Home Phone:     |             |
| Business Address:                     |  | Business Phone: |             |
| E-mail Address:                       |  | Fax Phone:      |             |
| CORE COURSE                           | · · · · · · · · · · · · · · · · · · ·                          |                 |             |
| ENCE 7311                             | Environmental & Hazardous Waste Laws                           |                 | 3           |
| ENCE 7312                             | Risk Assessment and Health Effects                             |                 | 3           |
| ENCE 7313                             | Environmental Chemistry & Biology                              |                 | 3           |
| ENCE 7314                             | Sources and Nature of Hazardous Wastes                         |                 | 3           |
| ENCE 7315                             | Integrated Waste Management                                    |                 | 3           |
| ENCE 7321                             | Physical and Chemical Waste Treatment                          |                 | 3           |
| ENCE 7322                             | Biological Waste Treatment and Incineration                    |                 | 3           |
| ENCE 7323                             | Project Management   |                 | 3           |
| ENVIRONMENT<br>ENCE 7331              | TAL ELECTIVES (3 SCH) Air Pollution Management and Engineering |                 | 3           |
| ENCE 7332                             | Ground Water Hydrology and Contamination                       |                 | 3           |
| ENCE 7333                             | Laboratory Methods in Environmental Eng.                       |                 | 3           |
| ENCE 7334                             | Fate and Transport of Contaminants                             |                 | 3           |
| ENCE 7335                             | Aerosol Science, Engineering and Control                       |                 | <u> </u>    |
| LIVEL 1333                            | Systems Design   |                 | 3           |
| ENCE 7350                             | Introduction to Environmental Mgt. Systems                     |                 | 3           |
| ENCE 7350<br>ENCE 7351                | •  |                 | 3           |
|                                       | Introduction to Environmental Toxicology                       |                 |             |
| ENCE 7352                             | Management of Radioactive Hazards                              |                 | 3           |
|                                       | MANAGEMENT ELECTIVES (3 SCH)                                   |                 |             |
| EMIS 8361                             | Economic Decision Analysis                                     |                 | 3           |
| EMIS 8362                             | Engineering Accounting   |                 | 3           |
| EMIS 8363                             | Engineering Finance  |                 | 3           |
| EMIS 8364                             | Management for Engineers                                       |                 | 3           |
|                                       | Te   | OTAL HOURS      | <u>30</u>   |
| APPROVED                              |  |                 |             |
| Advisor / Date Department Head / Date |  |                 | Head / Date |
|                                       |  |                 |             |