## DEGREE PLAN MASTER OF SCIENCE IN FACILITIES MANAGEMENT GRADUATE DIVISION – SMU SCHOOL OF ENGINEERING

| SMU ID #:          | Name:  |                 |             |          |       |  |
|--------------------|--|-----------------|-------------|----------|-------|--|
| Home Address:      |  | Home Phone:     |             |          |       |  |
| Business Address:  |  | Business Phone: | ness Phone: |          |       |  |
| E-mail Address:    |  | Fax Phone:      |             |          |       |  |
| Course No.         | Title  | Instructor      | Hrs.        | Semester | Grade |  |
| Articulation Cours | ses (if required)                              |                 |             |          |       |  |
| Core Courses (15   | Term-credit Hours)                             |                 |             |          |       |  |
| ENCE 7363          | Architectural and Structural Engineering       |                 | 3           |          |       |  |
| ENCE 7366          | Introduction to Facilities Engineering Systems |                 | 3           |          |       |  |
| ENCE 7370          | Facility Planning                              |                 | 3           |          |       |  |
| ENCE 7371          | Facility Financial and Asset Management        |                 | 3           |          |       |  |
| ENCE 7384          | Energy Management for Buildings                |                 | 3           |          |       |  |
| Group I Specializa | ation Electives (9 Term-credit Hours)          |                 |             |          |       |  |
| ENCE 7365          | Introduction to Construction Management        | · <del></del>   | 3           |          |       |  |
| ENCE 7367          | Telecommunications in Facilities Planning      | ·               | 3           |          |       |  |
| ENCE 7368          | Facilities Contract Management                 |                 | 3           |          |       |  |
| ENCE 7369          | Electrical, Mechanical, and Piping Systems     |                 | 3           |          |       |  |
| ENCE 7383          | Heating, Ventilating, and Air Conditioning     |                 | 3           |          |       |  |
| ENCE 8365          | Construction Methods and Rehabilitation        | ·               | 3           |          |       |  |
| ENCE 8370          | Facility Project Management                    |                 | 3           |          |       |  |
| Group II Breadth   | Electives (6 Term-credit Hours)                |                 |             |          |       |  |
| ENCE 7311          | Environmental and Hazardous Waste Law          |                 | 3           |          |       |  |
| ENCE 7314          | Environmental Regulations and Compliance       |                 | 3           |          |       |  |
| ENCE 7315          | Integrated Waste Management                    |                 | 3           |          |       |  |
| ENCE 7331          | Air Pollution Management and Engineering       |                 | 3           |          |       |  |
| ENCE 7352          | Management of Radioactive Hazards              |                 | 3           |          |       |  |
| ENCE 7372          | Introduction to CAD                            |                 | 3           |          |       |  |
| EMIS 7360          | Management of Information Technologies         |                 | 3           |          |       |  |
| EMIS 7369          | Reliability Engineering                        |                 | 3           |          |       |  |
| EMIS 8361          | Economic Decision Analysis                     |                 | 3           |          |       |  |
| EMIS 8362          | Engineering Accounting                         |                 | 3           |          |       |  |

| EMIS 8363  | Engineering Finance         | 3                      |  |
|------------|-----------------------------|------------------------|--|
| EMIS 8364  | Management for Engineers    | 3                      |  |
| ME 7368    | Project and Risk Management | 3                      |  |
|            | TOTAL HOURS (30 Minimum)    |                        |  |
| APPROVED _ |                             |                        |  |
|            | Advisor / Date              | Department Head / Date |  |
|            |                             |                        |  |
|            | Director of G               | raduata Division/Data  |  |

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