MASTER OF SCIENCE IN ENGINEERING MANAGEMENT (MSEM) DEGREE PLAN

SMU ID # _____   Name _____

SMU E-mail _____   Cohort # (if applicable) _____

CORE COURSES (15 hours)

			Instructor Name		Semester	Grade
1.	OREM 7300[1] or OREM 7357[2]	Systems Analysis Methods, or Analytics for Decision Support		3		
2.	OREM 7301	Systems Engineering Process		3		
3.	OREM 7362	Production Systems Engineering		3		
4.	OREM 7370	Probability & Statistics for Analytics		3		
5.	OREM 8364[3]	Engineering Management		3		

[1]EMIS 7300 has different content than EMIS 7357 and is for Cohort Students only.
[2]EMIS 7357 is for On-campus and Distance sections, not generally taken by Cohorts.
[3]Credit will not be given for both EMIS 3308 and EMIS 8364. Students who have taken EMIS 3308, or equivalent, may select from the following courses to replace EMIS 8364: EMIS 7341 Technology Commercialization and Engineering Entrepreneurship or EMIS 7343 Technology Commercialization and Product Management or EMIS 7365 Program and Project Management

ENGINEERING ECONOMICS, ACCOUNTING, and COURSES (6 hours)

1. OREM 8361[4]	Engineering Economics and Decision Analysis		3		
2. OREM 8362[5] or OREM 8363[5]	Engineering Accounting Engineering Finance		3		

[4] EMIS 8361 is a prerequisite for EMIS 8363. Students are required to take EMIS 8361 unless they have taken EMIS 2360, or equivalent. Credit will not be given for both EMIS 2360 and EMIS 8361.
[5] Students are required to take either: EMIS 8362 or EMIS 8363, unless they have taken EMIS 2360, or equivalent. In this case, they are required to take both EMIS 8362 and EMIS 8363.

CONCENTRATION COURSES (9 hours)*

1.			3		
2.			3		
3.			3		

*Concentration courses must be selected from OREM graduate courses, or from graduate courses in any engineering discipline, provided they give coherent depth in a specific area of study. Concentration courses must be approved by the MSEM program advisor and OREM Department Chair.

Total Hours Required   30

APPROVED: _____

Advisor   Date   OREM Department Chair   Date

_____
Director of Graduate Division   Date

(NOTE: Any revisions to this degree plan should be approved by the Program Advisor/Director, OREM Department Chair and Assistant Dean, Assessment, Data and Graduate Studies.)
Visit https://www.smu.edu/Lyle/Academics/Departments/OREM/Academics/Courses to download the Official Graduate Catalog for the Lyle School of Engineering.

| All Lyle graduate degrees must be completed within a 7 year window. Most courses are offered during alternating semesters to allow some flexibility. 2 sample timelines for completion are provided. | Fall - 2 courses
Spring - 2 courses
Fall - 2 courses
Spring - 2 courses
Fall - 2 courses
Graduation in Fall term (2.5 years) | Fall - 1 course/Spring - 1 course - year 1 - 2 courses
Fall - 1 course/Spring - 1 course - year 2 - 2 courses
Fall - 1 course/Spring - 1 course - year 3 - 2 courses
Fall - 1 course/Spring - 1 course - year 4 - 2 courses
Fall - 1 course/Spring - 1 course - year 5 - 2 courses
Graduation in Spring term of year 5 |

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