SMU ENGINEERING

BS Management Science Degree Requirements 2002-03 Catalog
with Mathematics, Economics, & Business Minors

Last	First	Middle	SMU Student ID

Dallas Address	Phone Number	Advisor

General Education Curriculum (GEC): From fall 2002 through summer 2003

Courses	Hours	Semester & Year	Grade
ENGL 1301 – Written English I	3		
ENGL 1302 – Written English II	3		
Perspectives[1] – Arts			
Perspectives[1] – Literature			
Perspectives[1] – Religious & Philosophical Thought			
Perspectives[1] – History			
Perspectives[1] – Politics & Economics			
Perspectives[1] – Behavioral Sciences			
Cultural Formations	3		
Cultural Formations	3		
Human Diversity requirement fulfilled by:	*******		
Wellness I	1		
Wellness II	1		
TOTAL	29		

MAJOR

Courses	Hours	Semester & Year	Grade
EMIS 2360 – Engineering Economy	3		
EMIS 3150 – Computer Ethics	1		
EMIS 3308 – Engineering Management	3		
EMIS 3309 – Information Engineering & Global Perspectives	3		
EMIS 3360 – Operations Research	3		
EMIS 4340 / STAT 4340 – Statistical Methods for Engineers & Scientists	3		
EMIS 4395 – Senior Design	3		
EMIS 5362 – Production & Operations Management	3		
EMIS x3xx[2]	3		
CSE 1341 – Principles of Computer Science I	3		
CSE 2341 – Principles of Computer Science II	3		
CSE 4360 – Technical Entrepreneurship	3		
ENCE 3302 – Technical Communications	3		
TOTAL	37		

MATHEMATICS

Courses	Hours	Semester & Year	Grade
MATH 1337 – Calculus with Analytic Geometry I	3		
MATH 1338 – Calculus with Analytic Geometry II	3		
MATH 2339 – Calculus w/Analytic Geometry III	3		
MATH 2343 – Differential Equations	3		
MATH 3315 / CSE 3365 – Introduction to Scientific Computing	3		
MATH 3353 – Introduction to Linear Algebra	3		
TOTAL	18		

NATURAL SCIENCE/SOCIAL SCIENCE

Courses	Hours	Semester & Year	Grade
Natural Science[3]	3		
Natural Science[3] or Technology[4]	3		
Social Science – (ECO 1311)	3		
Social Science – (ECO 1312)	3		
Social Science – (ECO 3301)	3		
TOTAL	15		

BUSINESS

Courses	Hours	Semester & Year	Grade
ACCT 2311 – Fundamentals of Accounting I	3		
ACCT 2312 – Fundamentals of Accounting II	3		
MKTG 3340 – Fundamentals of Marketing	3		
OBBP 3370 – Organization Behavior Theory	3		
FINA 3320 – Financial Management	3		
TOTAL	15		

ELECTIVES

Courses	Hours	Semester & Year	Grade
ECO 3302	3		
ECO 43xx	3		
ECO 53xx	3		
TOTAL	9		

Total SCH: _____ (Minimum 122)

APPROVALS:

_____

Advisor **Date**

_____

Dept. Chair or Associate Chair **Date**

_____

Assistant Dean **Date**

[1]All students are exempt from 3 hours of Perspectives for a total of 15 hours. One of the selections for Perspectives or Cultural Formations must satisfy the Human Diversity Co-Requirement.
[2]Three SCH from EMIS courses 3000 and above.
[3]To be chose from BIOL 1303, BIOL 1304, BIOL 1305, BIOL 1401, BIOL 1402, CHEM 1303/1113, CHEM 1304/1114, CHEM 1307/1113, CHEM 1308/1114, GEOL 1305, GEOL 1307, GEOL 1308, GEOL 1315, PHYS 1403, PHYS 1404, PHYS 1407, or PHYS 1408.
[4]To be chosen from ANTH 2315, ANTH 2363, BIOL 1303, BIOL 1304, BIOL 1305, BIOL 1401, BIOL 1402, CHEM 1303/1113, CHEM 1304/1114, CHEM 1307/1113, CHEM 1308/1114, GEOL 1305, GEOL 1307, GEOL 1308, GEOL 1315, PHYS 1403, PHYS 1404, PHYS 1407, PHYS 1408, EE 1301, EE 1381, ME 1301, ME 1302, ME 1303, or ME 1304.