

**SMU**BOBBY B. LYLE
SCHOOL OF ENGINEERING**2012-2013 BS Management Science Degree Plan**

Last	First	Middle	SMU Student ID
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Dallas Address	Phone Number	Advisor
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See University Curriculum requirements in the Undergraduate Catalog.**MAJOR**

Courses	Hours	Semester & Year	Grade
EMIS 1360 – Introduction to Management Science	3		
EMIS 2360 – Engineering Economy	3		
EMIS 3308 – Engineering Management	3		
EMIS 3309 – Information Engineering & Global Perspectives	3		
EMIS 3340 or 5370 or STAT 4340 or CSE 4340 Statistical Methods	3		
EMIS 3360 – Operations Research	3		
EMIS 3361 – Stochastic Models in Operations Research	3		
EMIS 4395 – Senior Design	3		
EMIS 5362 – Production Systems Engineering	3		
EMIS 53XX	3		
CEE 3302 – Engineering Communications	3		
CSE 1341 – Principles of Computer Science 1	3		
CSE1342 – Programming Concepts	3		
CSE 4360 -- Technical Entrepreneurship	3		
TOTAL	42		

MATHEMATICS

Courses	Hours	Semester & Year	Grade
MATH 1337 – Calculus with Analytic Geometry I	3		
MATH 1338 – Calculus with Analytic Geometry II	3		
MATH 3315 or CSE 3365 – Introduction to Scientific Computing	3		
MATH 3353 – Introduction to Linear Algebra	3		
TOTAL	12		

NATURAL SCIENCE/SOCIAL SCIENCE

Courses	Hours	Semester & Year	Grade
Natural Science from Group 1 (with a lab) ²	3		
Natural Science or Technology from Group 1 or 2 (with a lab) ^{2,3}	3		
Natural or Social Science or Technology from Group 1, 2 or 3 ^{2,3,4} (ECO 1312)	3		
Natural Science or Social Science or Technology from Group 1, 2 or 3 ^{2,3,4}	3		
Natural Science or Social Science or Technology from Group 1, 2 or 3 ^{2,3,4}	3		
TOTAL	15		

BUSINESS

Courses	Hours	Semester & Year	Grade
ACCT 2301 – Fundamentals of Accounting I	3		
MKTG 3340 – Fundamentals of Marketing	3		
MNO 3370 – Management of Organizations	3		
TOTAL	9		

White Degree Plan (For advising ONLY!)

Blue Degree Plan (For graduating seniors ONLY: Due at the beginning of the graduating semester.)

GRADUATION CERTIFICATION:

Advisor	Date
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Dept. Chair or Associate Chair	Date
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Assistant Dean	Date
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¹All 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.

²Group 1: BIOL 1303, BIOL 1304, BIOL 1305, BIOL 1308, BIOL 1310, BIOL 1401, BIOL 1402, CEE 1331, CHEM 1303/1113, CHEM 1304/1114, GEOL 1301, GEOL 1305, GEOL 1307, GEOL 1308, GEOL 1313, GEOL 1315, GEOL 2320, PHYS 1303/1105, PHYS 1304/1106, PHYS 1307/1105, PHYS 1308/1106, PHYS 1320.

³Group 2: Chosen from above or ANTH 2315, ANTH 2363, CEE 1301, CEE 1378, CSE 1331, EE 1301, EE 1382, ME 1301, ME 1202/1102, ME 1303, PHYS 1403, 1404

⁴Group 3: Other courses in Anthropology, Economics, Psychology, or Sociology.

⁵All electives must be approved by the student's advisor.