



**2016-2017 BS Management Science Degree Plan**

Last First Middle SMU Student ID

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 or MNO 3370 – Management of Organizations	3		
EMIS 3309 – Information Engineering	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		
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		
<b>TOTAL</b>	<b>45</b>		

**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; or MATH 3316 – Introduction to High Performance Scientific Computing	3		
MATH 3353 – Introduction to Linear Algebra	3		
<b>TOTAL</b>	<b>12</b>		

**NATURAL SCIENCE/SOCIAL SCIENCE**

Courses	Hours	Semester & Year	Grade
Natural Science from Group 1 (with a lab) <sup>1</sup>	3		
Natural Science or Technology from Group 1 or 2 (with a lab) <sup>1,2</sup>	3		
Natural or Social Science or Technology from Group 1, 2 or 3 <sup>1,2,3</sup> (ECO 1311)	3		
Natural or Social Science or Technology from Group 1, 2 or 3 <sup>1,2,3</sup> (ECO 1312)	3		
Natural Science or Social Science or Technology from Group 1, 2 or 3 <sup>1,2,3</sup>	3		
<b>TOTAL</b>	<b>15</b>		

**BUSINESS**

Courses	Hours	Semester & Year	Grade
ACCT 2301 – Fundamentals of Accounting I	3		
MKTG 3340 – Fundamentals of Marketing	3		
<b>TOTAL</b>	<b>6</b>		

## ELECTIVES

Courses	Hours	Semester & Year	Grade
Elective <sup>4</sup>	3		
<b>TOTAL</b>	<b>15</b>		

**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

\_\_\_\_\_  
Dept. Chair or Associate Chair Date

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Assistant Dean Date

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<sup>1</sup>Group 1: BIOL 1401, BIOL 1402, 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

<sup>2</sup> Group 2: Chosen from above or ANTH 2315, ANTH 2363, CEE 1301, CEE 1331, CEE 1378, CSE 1331, EE 1301, EE 1382, ME 1301, ME 1302, ME 1303, PHYS 1403, 1404

<sup>3</sup>Group 3: Other courses in Anthropology, Economics, Psychology, or Sociology.

<sup>4</sup>All electives must be approved by the student's advisor.