

# BS Management Science Degree Requirements 2000-01 Catalog

## Pre-Medical Specialization

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Last Name	First	Middle	Social Security
Number			

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Dallas Address	Phone Number	Faculty Advisor
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### GENERAL EDUCATIONAL CURRICULUM (GEC) - From Fall 2000 Through Summer 2001

COURSES	HRS	SEM & YR	GRADE
ENGL 1301 - Written English I	3		
ENGL 1302 - Written English II	3		
Perspectives <sup>1</sup> - Arts			
Perspectives <sup>1</sup> - Literature			
Perspectives <sup>1</sup> - Religious and Philosophical Thought			
Perspectives <sup>1</sup> - His tory			
Perspectives <sup>1</sup> - Politics and Economics			
Perspectives <sup>1</sup> - Behavioral Sciences			
Cultural Formations	3		
Cultural Formations	3		
Human Diversity requirement fulfilled by:	**** *		
Wellness I	1		
Wellness II	1		
<b>Total</b>	<b>29</b>		

### MAJOR

COURSES	HRS	SEM & YR	GRADE
CSE 1341 - Principles of Computer Science I	3		
CSE 2341 - Principles of Computer Science II	3		
CSE 2360 - Engineering Economy	3		
CSE 3360 - Operation's Research	3		
CSE 3365 / MATH 3315 - Numerical Methods	3		
CSE 4340 / STAT 4340 - Statistical Methods for Engineers & Scientists	3		
CSE 4395 - Senior Design	3		
CSE 5362 - Production Management	3		
CSE 5377 - STAT 5377 - Statistical Design & Analysis of Experiments	3		
CSE x3xx <sup>2</sup>	3		
<b>Total</b>	<b>30</b>		

### MATHEMATICS

COURSES	HRS	SEM & YR	GRADE
MATH 1337 - Calculus with Analytic Geometry I	3		
MATH 1338 - Calculus with Analytic Geometry II	3		
MATH 2339 - Calculus w/Analytic Geometry III or CSE 3353 - Discrete Mathematics w/Algorithms	3		
MATH 3353 - Introduction to Linear Algebra	3		
<b>Total</b>	<b>12</b>		

<sup>1</sup> All students are exempt from three (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

<sup>2</sup> Three (3) TCH from CSE courses 2000 and above

**SCIENCE**

COURSES	HRS	SEM & YR	GRADE
PHYS 1303 - Introductory Mechanics	3		
PHYS 1304 - Introductory Electricity & Magnetism	3		
PHYS 1105 - General physics laboratory I	1		
PHYS 1106 - General Physics Laboratory II	1		
CHEM 1303 - General Chemistry I	3		
CHEM 1304 - General Chemistry II	3		
CHEM 1113 - General Chemistry Laboratory I	1		
CHEM 1114 - General Chemistry Laboratory II	1		
CHEM 3371 - Organic Chemistry I	3		
CHEM 3372 - Organic Chemistry II	3		
CHEM 3117 - Organic Chemistry Laboratory I	1		
CHEM 3118 - Organic Chemistry Laboratory II	1		
BIOL 1401 - Introductory Biology I	4		
BIOL 1402 - Introductory Biology II	4		
BIOL 3304 - Genetics	3		
BIOL 3306 - Physiology	3		
Total	38		

**BUSINESS**

COURSES	HRS	SEM & YR	GRADE
ACCT 2311 - Fundamental of Accounting I	3		
MKTG 3340 - Fundamentals of Marketing	3		
OBBP 3370 - Organization Behavior Theory	3		
Total	9		

**BROADENING COURSES**

COURSES	HRS	SEM & YR	GRADE
ENGL 2301 - Scientific and Technical Writing	3		
CSE 3150 - Computer Ethics	1		
Total	4		

Total TCH: \_\_\_\_\_ (Minimum 122)

**APPROVALS:**


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Faculty Advisor Date


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Department Chair or Associate Chair  
Date

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Assistant Dean Date