



**2016-2017 BS Computer Science Degree Plan**  
**Premedical Specialization**

Last First Middle SMU Student ID

See University Curriculum requirements in the Undergraduate Catalog.

**MAJOR**

Courses	Hours	Semester & Year	Grade
CSE 1341 – Principles of Computer Science I	3		
CSE 1342 – Programming Concepts	3		
CSE 2240 – Assembly Language Programming & Machine Organization	2		
CSE 2341 – Data Structures	3		
CSE 3342 – Programming Languages	3		
CSE 3345 – Graphical User Interface Design and Implementation	3		
CSE 3353 – Fundamentals of Algorithms	3		
CSE 3330 – Database Concepts	3		
CSE 3381 – Digital Logic Design	3		
CSE 4344 – Computer Networks and Distributed Systems	3		
CSE 4345 – Software Engineering Principles	3		
CSE 4351 – Senior Design I	3		
CSE 4352 – Senior Design II	3		
CSE 4381 – Digital Computer Design	3		
CSE 5343 – Operating Systems & System Software	3		
<b>TOTAL</b>	<b>44</b>		

**MATHEMATICS & STATISTICS**

Courses	Hours	Semester & Year	Grade
MATH 1337 – Calculus with Analytic Geometry I	3		
MATH 1338 – Calculus with Analytic Geometry II	3		
CSE 2353 – Discrete Computational Structures	3		
MATH 3315 or CSE 3365 – Introduction to Scientific Computing	3		
MATH 3353 – Introduction to Linear Algebra	3		
STAT 4340/5340, EMIS 3340 or CSE 4340 – Statistical Methods for Engineers & Scientists	3		
<b>TOTAL</b>	<b>18</b>		

**SCIENCE**

Courses	Hours	Semester & Year	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 3350 – Cell Biology	3		
<b>TOTAL</b>	<b>38</b>		

**LEADERSHIP/BROADENING COURSES**

<b>Courses</b>	<b>Hours</b>	<b>Semester &amp; Year</b>	<b>Grade</b>
CSE 4360 – Technical Entrepreneurship	3		
CEE 3302 – Engineering Communications	3		
<b>TOTAL</b>	<b>6</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

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Dept. Chair or Associate Chair Date

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Assistant Dean Date

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