



Field of Study Curriculum for Computer Science

FIRST YEAR			
FIRST SEMESTER			
Course			Semester Hours
COSC	1336	Programming Fundamentals I	3
ENGL	1301	Composition I	3
HIST	1301	United States History I	3
MATH	2412	Pre-Calculus Math	4
.....	.....	Social and Behavioral Sciences (see list in core curriculum)	3
			16
SECOND SEMESTER			
Course			Semester Hours
COSC	1337	Programming Fundamentals II	3
ENGL	1302	Composition II	3
HIST	1302	United States History II	3
SPCH	1315	Public Speaking	3
.....	.....	Creative Arts Elective (see list in core curriculum)	3
			15
SECOND YEAR			
FIRST SEMESTER			
Course			Semester Hours
PHYS	2425	University Physics I	4
MATH	2413	Calculus I	4
GOVT	2305	Federal Government	3
.....	.....	Language, Philosophy, & Culture Elective (see list in core curriculum)	3
.....	.....	Elective	1
			15

SECOND SEMESTER			
Course			Semester Hours
PHYS	2426	University Physics II	4
MATH	2414	Calculus II	4
GOVT	2306	Texas Government	3
.....	.....	Component Area Option 2 Course (see list in core curriculum)	3
			14
		TOTAL HOURS	60

Notes:

1. COSC 1336/1436 and 1337/1437 are preparatory and sequential in nature; however, not all courses are required for the Computer Science major at all universities, but may apply to general degree requirements.

1. COSC 1336/1436 is not part of the Computer Science major requirements at The University of Texas at Austin, University of Texas at Arlington, University of Texas at Dallas, and Texas A&M University.
2. COSC 1337/1437 is not part of the Computer Science major requirements at The University of Texas at Austin. Preparatory courses such as COSC 1336/1436 and COSC 1337/1437 will assist students that need additional background but do not apply toward the computer science major requirements.

2. COSC 2325/2425 is not part of the Computer Science major requirements at the University of Texas at Austin or Texas A&M University, but may be applied to general degree requirements.

3. It is recommended that students complete the math sequence, physics sequence, and computer science sequence at the same institution to reduce the likelihood of potential gaps in the curriculum.