



Computer Science Field of Study

AA Degree

OFFICAL DEGREE PLAN

2009-2010

Last Name	First Name	MI	ID No.	Date

Freshman Year Sem I	Sub No.	Grade	Sophomore Year Sem I	Sub No.	Grade
ENGL 1301-Freshman Composition			GOVT 2305-National Government		
COSC 1336-Programming Fundamentals I***			PHIL 1301 or ENGL 2322, 2323, 2327, 2328, 2332, or 2379		
MATH 2413-Calculus I*			PHYS 2425- Physics I		
HIST 1301- History of the U.S to 1877			FREN 1411, 1412, 2311, 2312 or SPAN 1411, 1412, 2311, 2312 or SPCH 1315, 1318, 1321		
COSC 1301- Microcomputer Applications**			Physical Education (1hr)		
			COSC 2336-Programming Fundamentals III ***		

Total Hours Recommended: 16

Total Hours Recommended: 17 or 18

Freshman Year Sem II	Sub No.	Grade	Sophomore Year Sem II	Sub No.	Grade
ENGL 1302 or 2311 – Freshman Composition II or Technical Communication			ECON 2301, 2302 or PSYC 2314, 2315 or SOCI 2301 or Any sophomore-level history course		
MATH 2414-Calculus II			PHYS 2426-Physics II		
HIST 1302-History of the U.S. 1877 to Present			GOVT 2306-Texas Government		
ARTS 1301, 1303, 1304 or DRAM 1310, 2361, 2362 or MUSI 1306, 1308, 1309			PSYC 2301-General Psychology or SOCI 1301-Intro to Sociology		
			Physical Education (1 hr)		
COSC 1337-Programming Fundamentals II***			COSC 2325 or 2435-Computer Organization and Machine Language***		

Total Hours Recommended: 16

Total Hours Recommended: 17

I plan to receive the Associate Art (A.A) Degree with a Field of Study in **Computer Science**. I understand this degree plan will determine my eligibility for graduation and all course substitutions must be approved by the Dean of Arts and Sciences. I must earn a minimum of **66 semester college-level credit hours** and must meet all other requirements. Students under the Texas Higher Education Assessment (THEA) must pass all sections of the test to qualify for a degree.

* The prerequisite for MATH 2413 is MATH 2412 (Precalculus Mathmatics). The prerequisite for MATH 2412 is high school credit in algebra (two years), geometry, and trigonometry, or approval of division director.

** It is recommended that the student keyboard 30 words a minute.

*** See **NOTE** on page two.

Advisor's Signature

Student's Signature

*General Education Requirements

Students seeking an AAS degree must have a minimum of 15 semester hours in general education. The 15 hours of general education must include at least one course in each of the following three areas: humanities/fine arts, social/behavioral sciences, and mathematics/natural sciences.

Mathematics	MATH 1314, 1324, 1332, 1342, 2412, 2413
Natural Sciences	BIOL 1408, 1411, 1413, 2401, 2402, 2404 CHEM 1405, 1407, 1411, 1412 ENVR 1301 & 1101 (add lab if going for 4 yr. transfer) GEOL 1403, 1404 PHYS 1401, 1402, 1405, 1407, 2425, 2426
Humanities	PHIL 1301, 2303, 2306, 2374 ENGL 2322, 2323, 2327, 2328, 2332, 2333, or 2379
Fine Arts	ARTS 1301, 1303, 1304 DRAM 1310, 2361, 2362 MUSI 1306, 1308, 1309
Social & Behavioral Sciences	ANTH 1301 ECON 2301, 2302 HIST 1301, 1302 GOVT 2305, 2306 PYSC 2301 SOCI 1301

***** NOTE:**

1. COSC 1336 and 1337 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.
 - a. COSC 1336 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.
 - b. COSC 1337 is not part of the Computer Science major requirements at the University of Texas at Austin. Preparatory courses such as COSC 1336 and COSC 1337 will assist students that need additional background but do not apply toward the computer science major requirements.
2. COSC 2325 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.

Is remediation required? _____ Yes _____ No

THEA Test or ACCUPLACER: Date: _____

Reading _____ Math _____ Writing _____

NOTES:
