TEXAS A&M UNIVERSITY-CORPUS CHRISTI
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

SYSTEMS PROGRAMMING OPTION

TENTATIVE DEGREE PLAN- 2011/2012 Catalog
Catalog expires: Summer 2018

Name: ID #:

Phone: Faculty Mentor:

All CS MAJORS ARE REQUIRED TO MEET WITH THEIR FACULTY ADVISOR EACH FALL.
CS majors enrolled in COSC 1435, 1436 or 2437 will meet with their current instructor or their instructor from previous semester.
(See Academic Advisor, Haley Wimberly, for more information as needed.)

UNIVERSITY CORE CURRICULUM

		Grd	Hrs	GP
ENGL COMP	ENGL 1301		3	
ENGL COMP	ENGL 1302		3	
ORAL COMM	COMM 1315		3	
MATHEMATICS	MATH 2413 **w/ Lab**		(4)	
NATURAL SCIENCE	CHEM or PHYS		(3/1)	
NATURAL SCIENCE	CHEM or PHYS		(3/1)	
LITERATURE	SEE CATALOG		3	
US HISTORY	HIST 1301		3	
US HISTORY	HIST 1302		3	
US GOVT	POLS 2305		3	
TX GOVT	POLS 2306		3	
FINE ARTS	SEE CATALOG		3	
ECONOMICS	ECON 2301 or 2302		3	
SOC SCIENCE	SEE CATALOG		3	
PHILOSOPHY	*PHIL 3340		3	

COMPUTER SCIENCE CORE

		Grd	Hrs	GP
COSC 1435	INTRO PROB SOLVING I **w/ Lab**		4	
COSC 1436	INTRO PROB SOLVING II **w/ Lab**		4	
COSC 2334	COMPUTER ARCHITECT		4	
COSC 2437	DATA STRUCTURES **w/ Lab**		4	
*COSC 3336	INT TO DATABASE SYSTEMS		3	
*COSC 3346	OPERATING SYSTEMS		3	
*COSC 3370	SOFTWARE ENGINEERING		3	
*COSC 3400	SKILLS FOR COMP PROF		4	
*COSC 4354	SENIOR CAPSTONE		3	
MATH 2413	CALCULUS I **w/ Lab**		4	
MATH 2305	DISCRETE MATH I		3	
*MATH 3342	APPL PROB AND STATS		3	

GENERAL TAMUCC ELECTIVES

		Grd	Hrs	GP

ADVISOR NOTES:

COURSES SPECIFIC TO SYSTEMS PROGRAMMING

		Grd	Hrs	GP
*COSC 3324	OBJECT-ORIENTED PRG		3	
*COSC 3353	SURVEY PROGR LANG		3	
*COSC 4342	COMPUTER NETWORKS		3	
*COSC 4348	SYSTEMS PROGRAMMING		3	

CHOOSE ONE UPPER DIVISION COURSE FROM:

*COSC 4328	COMPUTER GRAPHICS		3	
	APPVD MATH ELECTIVE			
	APPVD NAT SCI ELECTIVE			

CHOOSE ONE UPPER DIVISION COURSE FROM:

*COSC 4353	COMPILER CONSTRUCT		3	
*COSC 4360	THEORY OF PROGR LANG			
*COSC 4370	MODELS OF COMPUTATION			

*UD CS ELECT	UPPER DIV COSC ELECT		3	
*UD CS ELECT	UPPER DIV COSC ELECT		3	
MATH 2414	CALCULUS II **w/ Lab**		4	
*MATH 4328	DISCRETE MATH II		3	
NAT. SCI. ELECT.	APPVD 2000 OR HIGHER **w/ Lab**		4	
CHEM 1311/1111			3/1	
AND CHEM 1312/1112			3/1	
OR				
PHYS 2425			4	
AND PSYS 2426			4	

COMPLETED HOURS (MIN 120):	
*UPPER DIVISION HOURS (MIN 45):	
*UPPER DIV RESIDENCY HOURS (MIN 36):	
*UPPER DIV RESIDENCY IN COSC (MIN 12):	
CUMULATIVE TAMUCC GPA (MIN 2.0):	
MAJOR GPA (MIN 2.25):	
UCCP 1101/1102:	
FOREIGN LANGUAGE:	