

College of Technology and Computer Science

Department of Computer Science

B.S. in Computer Science

Department Chair: Dr. John Placer, placerj@ecu.edu, 252-328-6980

The B.S. in Computer Science degree is a comprehensive program that prepares students for either professional employment in the field or for further studies in graduate school. It provides a comprehensive background in mathematics, science, and underlying principles of computer science. The department maintains an active dialog with its industrial supporters and alumni through advisory boards and by other means in order to make sure that all of its programs remain relevant and current.

Please note that this is a **recommended** sequence and should only be used as a guide.

Check the catalog for prerequisites.

Course availability may vary from semester to semester.

* Credit towards computer science major will not be given for any CSCI course with a grade less than a C being used to satisfy the requirements specified in the common core and CSCI electives.

		FRESHMAN YEAR			
CC Equivalent	Fall Semester		CC Equivalent	Spring Semester	
Eng 111	ENGL 1100	3	Eng 112,113, or 114	ENGL 1200	3
Mat 161	MATH 1065	3		CSCI 2310/2311	4
	Social Science **	3		CSCI/MATH 2427	3
	Social Science **	3		Social Science **	3
	Humanities/Fine Arts	2		Humanities/Fine Arts	2
Hea 110	HLTH 1000	2			15
		16			
SOPHOMORE YEAR					
	CSCI 3300	4		CSCI 3310	3
	MATH 2121 or 2171	3-4		MATH 2122 or 2172	3-4
	PHIL 2275	3	Ped 110	EXSS 1000	1
	Social Science **	3		Free elective ***	tbd
	Free elective ***	tbd		Natural Science with Lab I	4-5
		13-14+			11-13+
JUNIOR YEAR					
	CSCI 3526	3		CSCI Elective	3
	CSCI 3675	3		CSCI Elective	3
	Natural Science with Lab II	4-5		***Free Elective	tbd
Com 231	COMM 2410 or 2420	3	Mat 151 or 155	MATH 2228 or 2283 or 3307	3
	CSCI Elective	3		Natural Science	2-4
		16-17			11-13+
SENIOR YEAR					
	CSCI 4200	3		CSCI 4230	3
	CSCI 4602	3		CSCI 4630	3
	CSCI/MATH 3584	3		CSCI Elective	3
	ENGL 3880 or ITEC 3290	3		Free elective ***	tbd
	CSCI Elective	3		MATH 3229 or 3308 or CSCI 5774	3
	Free elective ***	tbd		CSCI 4000	0
		15+			12+

Notes:

** Social Science electives must be from three different areas.

***Number of free electives needed to graduate varies per student. Total of 126 hours needed for degree.

Admission into the Computer Science degree

Students enrolled at East Carolina University or transferring from other institutions may be considered for admission to the Department of Computer Science provided the following departmental requirements are met. A student must have completed a minimum of 36 s.h. with a minimum cumulative 2.0 GPA and have earned at least a C in CSCI 2310 and 2311.

Revised: August 2007