

College of Technology and Computer Science

Department of Computer Science

B.A. in Computer Science

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

The B.A. in computer science degree program provides an emphasis on practical skills in problem solving that can be applied in diverse professional settings. The focus of the program is to produce well-rounded graduates with good technical and communication skills who are ready to assume employment in a variety of business and technical environments. Students in the B.A. program will have an opportunity to integrate their study of computer science with a career track emphasis in fields such as high technology, business, and health information systems. The Department of Computer Science 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 | | Spring Semester | |
| Eng 111 | ENGL 1100 | 3 | 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 |
| Hea 110 | Health 1000 | 2 | Fine Art | 3 |
| | Humanity/Fine Art | 2 | | <u>3</u> |
| | | <u>16</u> | | 16 |
| SOPHOMORE YEAR | | | | |
| | CSCI 3526 | 3 | Social Science ** | 3 |
| | Foreign Language 1 | 3 | CSCI 3200 | 4 |
| | Natural Science with Lab | 4 | Foreign Language 2 | 3 |
| | Humanities/Fine Arts | 2 | Math 2228 or 2283 | 3 |
| Ped 110 | EXSS 1000 | 1 | Minor | 3 |
| | Free Elective *** | tbd | | <u>3</u> |
| | | <u>13+</u> | | 16 |
| JUNIOR YEAR | | | | |
| | CSCI 3700 | 3 | CSCI Elective | 3 |
| | Natural Science | 4 | CSCI Elective | 3 |
| | Foreign Language 3 | 3 | Foreign Language 4 | 3 |
| | Minor | 3 | Minor | 3 |
| | Minor | 3 | PHIL 2275 | 3 |
| | | <u>16</u> | | <u>15</u> |
| SENIOR YEAR | | | | |
| | CSCI 4200 | 3 | CSCI 4530 | 3 |
| | CSCI 4300 | 3 | CSCI 4710 | 3 |
| | Free Elective *** | tbd | Minor | 3 |
| | Minor | 3 | Minor | 3 |
| | Minor | 3 | CSCI 4000 | 0 |
| | | <u>12+</u> | Free Elective *** | tbd |
| | | | | <u>12+</u> |

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 hrs with a minimum cumulative 2.0 GPA and have earned at least a C in CSCI 2310 and 2311.