

DEPARTMENT OF COMPUTER SCIENCE

John R. Placer, Chairperson, Science and Technology Building, Suite C-124

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.

BA in Computer Science

Credit toward a computer science major will not be given for any CSCI course with a grade less than C being used to satisfy the requirements specified in the core. Minimum degree requirement is **126 s.h.** of credit as follows:

- 1. Foundations curriculum (See Section 4, Foundations Curriculum Requirements for all Baccalaureate Degree Programs.).....42 s.h.**
PHIL 2275. Professional Ethics (3) (WI*) (F,S,SS) (FC:HU)
- 2. Foreign language through level 1004.....12 s.h.**
- 3. Core.....32 s.h.**
CSCI 2310, 2311. Algorithmic Problem Solving and Programming Laboratory (4,0) (F,S) (P: MATH 1065; C for2310: CSCI 2311; C for 2311: CSCI 2310)
CSCI 3200. Data Structures and Their Applications (4) (F,S) (P: CSCI 2310, 2311)
CSCI 3526. Switching Theory and Computer Organization (3) (F,S) (P: CSCI 2310; CSCI 2427)
CSCI 3700. Database Management Systems (3) (F) (P: CSCI 3200 or 3310)
CSCI 4000. Senior Assessment (0) (F,S)
CSCI 4200. Software Engineering I (3) (WI) (F,S) (P: CSCI 3200 or 3310; CSCI major)
CSCI 4300. Systems Programming (3) (F) (P: CSCI 3200 or 3310)
CSCI 4530. Computer Networks and the Internet (3) (S) (P: CSCI 3200 or 3300)
CSCI 4710. Introduction to Developing e-Business Systems (3) (WI) (F,S) (P: CSCI 3200 or 3310)
Choose 6 s.h. CSCI courses above 2999, excluding CSCI 3584 and 5774
- 4. Cognates.....6 s.h.**
CSCI/MATH 2427. Discrete Mathematical Structures (3) (F,S) (P: MATH 1065 or 1066)
MATH 2228. Elementary Statistical Methods I (3) (F,S,SS) (FC:MA) (P: MATH 1065 or equivalent) or MATH 2283. Statistics for Business (3) (F,S,SS) (P: MATH 1065 or 1066 or equivalent)
- 5. Minor and electives to complete requirements for graduation.**