

Major: Computer Science
 College: Engineering and Computer Science
 Degree: Bachelor of Science
 Limited Access Program: No
 (Prepares students for careers in the design of software for technical applications in engineering and science.)

Contacts for Computer Engineering Majors:

FAU Boca Campus FAU
 Tom Fernandez
 Science and Engineering Bldg, Room 352
 (561) 297-3927
 E-mail address: thomas@cse.fau.edu

Davie Campus
 Cindy Li
 LA 323
 (954) 236-1306
 E-mail address: xli@cse.fau.edu

Lofton Bullard
 Science and Engineering Bldg, Room 354
 (561) 297-3985
 E-mail address: lofton@cse.fau.edu

FAU Port St. Lucie Campus
 Ankur Agrawal
 JU 316
 (772) 873-3319
 E-mail address: ankur@cse.fau.edu

Tami Sorgente
 Science and Engineering Bldg, Room 356
 (561) 297-2674
 E-mail address: tami@cse.fau.edu

Joy Woodworth
 Science and Engineering Bldg, Room 360
 (561) 297-2823
 E-mail address: joy@cse.fau.edu

PROGRAM OF STUDY AT THE COMMUNITY COLLEGE

Complete the A.A. degree at the community college or a minimum of 60 semester hours in academic (college-parallel) subjects, including the General Education program of the community college (at least 36 semester hours). You must also complete the following prerequisite courses (48 credit hours), some of which may also satisfy the General Education program. The additional 12 credit hours are determined by agreement between the community college and FAU.

If you transfer without an A.A. degree and have less than 60 semester hours of acceptable credit, you must meet the university's entering freshman requirements including ACT or SAT test scores and GPA.

Students are encouraged to complete the following required common prerequisites during the program of study at the community college:

(P*) Introductory Programming in Ada, C, C++, PASCAL, or equivalent (COP xxxx) ***	3**
(P*) Differential and Integral Calculus (MAC x311, MAC x312)	8**
(P*) Also: MAC x313, or MAP 2302, or MAS 2103	4**
(P*) Physics I & Lab w/Calculus (PHY x048 & PHY x048L)	4**
(P*) Physics II & Lab w/Calculus (PHY x049 & PHY x049L)	4**
(P*) Calculus III or Differential Equations	3**
(P*) One additional Science course for science majors ****	4**
(S) Public Speaking	3
(S) Second Semester Foreign Language	4

**Grade of C or better with 2.5 GPA in math and science courses

**** Computer Programming in C or C++ is suggested, grade of C or better.

**** It is suggested that students select these courses from BSC 1010, BSC 1011, BSC 1085, BOT 1010, CHM 1041 or 1045, GLY 1010, or GLY 1100. (CHM 1040 does not qualify.)

(P*)=Students may be admitted to FAU upper-division without having completed this course, however, the course must be completed before graduation and may cause excess hours.

ADMISSION REQUIREMENTS TO THE UNIVERSITY PROGRAM OF STUDY

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

PROGRAM OF STUDY AT THE UNIVERSITY

It is recommended that you take an unofficial transcript and course catalog of all institutions you have attended to your advising sessions.

CSAB ACCREDITATION

Program is accredited by the Computer Science Accreditation Commission of the Computer Sciences Accreditation Board.

FAU Program (Semester Hours)

Computer Science Core (2.5) GPA required for graduation)

COT 3002	Foundations of Computer Science	3
COT 3002L	Foundations of Computer Science Lab	1
CDA 3201	Intro to Logic Design	4
COP 3530	Data Structures and Algorithm Analysis	3
COP 3813	Intro to Internet Computing	3
COP 4610	Computer Operating Systems	3
MAD 2104	Discrete Mathematics	3
STA 4821	Stochastic Models for Computer Science	3
COP 3540	Introduction to Database Structures	3
CDA 3331	Microprocessor Systems	4
COT 4420	Formal Languages and Automated Theory	3
COT 4400	Design and Analysis of Algorithms	3
CEN 4010	Principles of Software Engineering	3
COT 4935	Senior Seminar	1
SUBTOTAL FOR CORE		(40)

Computer Science Electives: 9 credits from approved computer science elective courses 9

Additional 3 credit Math course beyond Calculus II required, Calculus III is acceptable. 3

Electives: 8

8 credits to equal 60 upper-division credit hours. Students must have a minimum total of 120 credits to graduate, 45 of these credits must be upper division (courses number greater than or equal to 3000).

TOTAL FAU SEMESTER HOURS 60

Please visit the College of Engineering home page at <http://www.eng.fau.edu> to get the most up-to-date information about common prerequisites and suggested courses, as well as general information about the College's programs and services. Students transferring from Broward, Palm Beach, Miami-Dade or Indian River Community Colleges should check out the Southeast Florida Engineering Education Consortium web page at <http://www.sefeec.org> for further information. Please visit the FAU home page at <http://www.fau.edu>.