

 FLORIDA ATLANTIC UNIVERSITY	NEW/CHANGE PROGRAM REQUEST Undergraduate Programs	UUPC Approval <u>2-1-21</u> UFS Approval _____ Banner Posted _____ Catalog _____	
	Department College	Program Name	New Program Change Program
Please explain the requested change(s) and offer rationale below or on an attachment 			
Faculty Contact/Email/Phone		Consult and list departments that may be affected by the change(s) and attach documentation	
Approved by Department Chair <u>Frederick Bloetscher</u> College Curriculum Chair <u>Dan Meeroff</u> College Dean <u>Frederick Bloetscher</u> UUPC Chair <u>Jerry Haky</u> Undergraduate Studies Dean <u>Edward Pratt</u> UFS President _____ Provost _____		Date <u>1-15-21</u> <u>1-19-21</u> <u>1-20-21</u> <u>2-2-21</u> <u>2-2-21</u> _____ _____	

Email this form and attachments to mjenning@fau.edu one week before the UUPC meeting so that materials may be viewed on the UUPC website prior to the meeting.

BACHELOR'S DEGREE PROGRAM INFORMATION

Preprofessional Program

Entering freshmen and all transfer students will be admitted directly to the College's preprofessional program as pre-engineering students. The following are required for students to be admitted to their major of choice in the College of Engineering and Computer Science:

1. Students must meet University admission requirements.
2. In each core course listed below, students must obtain a minimum grade of "C." Advanced placement scores of 4 or above will be given credit for the appropriate course(s). A score of 5 is equivalent to an "A," and a score of "4" is equivalent to a "B."
3. A maximum of two attempts will be allowed for any of the listed courses. Failure to receive a passing grade in the second attempt (including withdrawals) is grounds for denial of admission to an engineering or computer science program.

Computer Science and Geomatics Engineering		
Calculus with Analytic Geometry 1 (1)	MAC 2311	4

All other Engineering Majors - Civil, Computer, Electrical, Environmental, Mechanical and Ocean Engineering and Computer Science		
Calculus with Analytic Geometry 1 (1)	MAC 2311	4
General Physics for Engineers 1 (2)	PHY 2048	3

Notes:

(1) MAC 2311 and MAC 2253 are substitutes.

(2) PHY 2048 and PHY 2043 are substitutes.

The entry-level mathematics requirement for the engineering programs is Calculus with Analytical Geometry 1. Students who are placed in lower-level mathematics courses based on their ALEKS assessment test scores, and who need to maintain full-time status, may have problems finding courses that are accepted in an engineering or computer science program in future semesters. This may delay their entry into a particular engineering or computer science program.

After successfully completing the core courses, students may apply to a particular engineering program. Admission will be based on the student's performance in the core courses. The Division of Engineering Student Services and Advising is available to assist students in selection of a major field of study and can be reached at 561-297-2780 or engineering-services@fau.edu.

Students with engineering degrees from ABET-accredited institutions will be directly admitted to engineering or computer science programs of their choice.

Students may appeal denial of admission to a major through the academic petition process. For an appeal to have merit, students must explain new academic or personal information as well as extenuating circumstances. The evidence should show a student's case is stronger than the GPA evidence suggests. The faculty coordinator for the preprofessional program will review the petition according to the established College guidelines and make a recommendation to the academic petition committee.

The College of Engineering and Computer Science fully complies with the State of Florida Common Prerequisites for Computer Science and for Engineering. Students transferring from Florida community or state colleges who meet the preprofessional program course requirements will be directly admitted to the particular engineering and computer science program of their choice.

The College of Engineering and Computer Science participates in the Southeast Florida Engineering Education Consortium, a collaborative effort among public colleges and universities in this region. Detailed advising sheets outlining the courses needed at the community or state college and at FAU are available for students transferring from Miami-Dade, Broward, Palm Beach and Indian River colleges. These sheets also provide a useful guide for students transferring from other institutions. Students should contact their community or state college advisor or the FAU department in which they intend to enroll.

GENERAL CURRICULUM NOTES

The College recognizes that students may transfer from other schools or programs or may have course numbering system changes. As a result, the College will accept the following as equivalent:

- 1) MAP3305-Engineering Math I and MAP2302-Differential Equations.
- 2) PHY 2044/2044L-Physics for Engineers 2 and Lab and PHY 2049/2049L- General Physics 2 with Lab.

Students will follow the catalog for the year that they started classes. However, students remaining in the program for longer than eight (8) years, will automatically be updated to the most recent catalog.



Advising/Student Responsibility

A dedicated group of advisors is responsible for all advising of preprofessional students. As students are accepted into particular engineering programs, each department has experienced advisors who meet with students every term to help ensure they are taking courses in the proper sequence and at a rate consistent with their personal objectives, academic ability and other commitments. Final responsibility for meeting degree requirements and for fulfillment of course prerequisites rests with the student. **All students must meet with their advisor once per year.**