INFORMATION SYSTEMS

COLLEGE: ENGINEERING
SCHOOL: NONE
DEGREE: BACHELOR OF SCIENCE IN INFORMATION SYSTEMS
PROGRAM: INFORMATION SYSTEMS

LIMITED ACCESS PROGRAM: YES - THIS PROGRAM HAS ADDITIONAL ADMISSIONS REQUIREMENTS AS STATED BELOW.

CAMPUS (ES) WHERE OFFERED/CONTACT:
TAMPA / Coordinator of Advising, Engineering, (813) 974-2684
LAKELAND (Partial) / Advisor, Engineering, (941) 667-7011
SARASOTA (Partial) / Advisor, Engineering, (941) 359-4331

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(STATE MANDATED COMMON PREREQUISITES)

Complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If a student wishes to transfer without an A.A. degree and has fewer than 60 semester hours of acceptable credit, the student must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of "C" is the minimum acceptable grade.

Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. The following are transferable courses from the Community College that will be accepted in the Math/Science/Engineering areas:

- **Communications**
  - ENCT 1101/1102 English I and II (6)

- **Humanities & Social Sciences**
  - Humanities Courses (6)
  - Social Science Courses (6)
  - Humanities or Social Sciences (3)

- **Mathematics**
  - USF C/C
  - MAC 2281 MAC 2311* Engineering Calculus I (4)
  - MAC 2282 MAC 2312* Engineering Calculus II (4)
  - MAC 2283 MAC 2313* Engineering Calculus III (4)
  - MAP 2302 MAP 2302* Differential Equations (4)

  * or MAC 2281, MAC 2282, MAC 2283

- **Natural Sciences**
  - USF C/C
  - CHM 2045 CHM 1045 General Chemistry I * (3)
  - CHM 2045L CHM 1045L General Chemistry I Laboratory* (1)
  - PHY 2048 PHY 2048 General Physics (3)
  - PHY 2048L PHY 2048L General Physics Laboratory (1)
  - PHY 2049 PHY 2049 General Physics (3)
  - PHY 2049L PHY 2049L General Physics Laboratory (1)

  * or CHS 1440 Chemistry for Engineers (6)

- **Business Courses**
  - USF C/C
  - ACG 2001 ACG 2001 Economic Principles (Macroeconomics) (3)
  - ECO 2013 ECO 2013 Economic Principles (Microeconomics) (3)

- **Fortran**
  - USF C/C
  - EGN 2510 COP 2202 Computer Tools for Engineers (3)

- **Cobol**
  - COP 2120 COP 2120 COBOL Programming I (3)

- **Admission Requirements to the University Program of Study**

This is a limited access program involving special admissions requirements. Please be aware of the immunization, foreign language, continuous enrollment policies of the university, and qualitative standards required.

- **Procedures for Applying to the College of Engineering**

Students should complete and submit an Engineering Admissions Application to the College of Engineering Advising Office. Freshmen and Sophomores must submit copies of high school transcripts, SAT and ACT test scores to the College of Engineering, Advising Office. This is in addition to records requested by the University’s Admissions Office. Transfer applicants must furnish transcripts from previously attended institutions to the College of Engineering, Advising Office. This is in addition to transcripts sent to the University’s Admissions Office. Applicants whose native language is other than English must submit TOEFL scores to the College of Engineering. The minimum TOEFL scores must be 550. Credentials must be received in the Engineering Advising Office 30 days prior to the date of applicable term. Failure to comply will result in the application being denied by the College of Engineering. Credentials will be held for one year. If application is not updated within that year, credentials must be re-submitted.

- **Engineering Admissions Requirements**

Transfer students must have completed the equivalent USF Engineering Calculus sequence with a 2.0 GPA; must have completed one year of equivalent USF General Physics and Chemistry courses with a minimum of 2.0 GPA; must have an overall GPA of 2.0 or better.

- **Bachelor of Science in Information Systems Curriculum**

  This program is under revision. Courses indicated with XXXX rather than course numbers will be submitted for approval during 1998-99.
See your academic advisor for additional information.

ACG 2021 Principles Accounting I (3)
CDA XXXX Computer Organization (3)
CEN4020 Software Engineering (3)
CEN XXXX Software System Development (3)
CIS 4250 Ethical Issues (3)
COP 4600 Operating Systems (3)
COP XXXX Program Design (3)
COT 3100 Intro Discrete Str (3)
ECO 2013 Macroeconomics (3)
ECO 2023 Microeconomics (3)
EEL 4851 Data Structures (3)
EGN2210 Computer Tools (3)
EGN3613 Engineering Economics (3)
EGN4450 Linear Systems (2)
ENC 1101 Freshman English I (3)
ENC 1102 Freshman English II (3)
ENC 4931 Engr. Communications (3)
MAC 2281 Calculus I (3)

or 2233
MAC 2282 Calculus II
or 2234
MAN 3023 Principles of Management (3)
PHY 2048 Eng. Physics I (3)

or 2053
PHY 2048L Eng. Physics I Lab (1)

or 2053L
PHY 2049 Eng. Physics II (3)

or 2054
PHY 2049L Eng. Physics II Lab (1)

or 2054L
STA 2023 Intro to Statistics (3)
CS&E Theory Elective (3)
CS&E Software Electives (9)
CS&E Electives (14)

*ALAMEA Perspective Elective (3)
*Fine Arts Elective (3)
*Historical Perspectives Electives (6)
*Science Elective (3)
*Social Science Electives (6)
*Major Works (3)

*Approved General Education Requirements