

## 5. How to Apply

For an admission application, write to:  
Office of Undergraduate Admissions  
University of Central Florida  
PO Box 160111  
Orlando, FL 32816-0111  
<http://www.admissions.sdes.ucf.edu>

For more information contact:  
Information Technology  
Undergraduate Program  
School of Computer Science  
University of Central Florida  
PO Box 162362  
Orlando, FL 32816-2362

## 6. Additional Information

### Information Technology

Main Office (CSB 201).....	(407) 823-2341
IT Program Assistant.....	(407) 823-3957
IT Undergraduate Advising (CSB 201C) .....	(407) 823-0917
CECS Academic Affairs Office (ENG1 107).....	(407) 823-2455
Admissions.....	(407) 823-3000
Bookstore .....	(407) 823-2665
Campus Tours .....	(407) 823-3000
Directions & Information .....	(407) 882-0909
Employment Opportunity .....	(407) 823-2778
Financial Aid.....	(407) 823-2827
Housing.....	(407) 823-4663
Multicultural Academic & Support Services.....	(407) 823-2716
OASIS .....	(407) 823-2492
Veteran's Affairs.....	(407) 823-2707
UCF Saturday Open House (select dates) .....	(407) 823-5359
UCF Honors Program .....	(407) 823-2076
UCF Web site: .....	<a href="http://www.ucf.edu">www.ucf.edu</a>

## B.S. Degree Program in Information Technology



### I. General Information

The purpose of this pamphlet is to describe briefly the undergraduate degree program for the Bachelor of Science in Information Technology (B.S.I.T.) degree. For a detailed description of computer facilities, faculty expertise and course descriptions, please consult our Web site at: [www.cs.ucf.edu/csdept/info/it/it.html](http://www.cs.ucf.edu/csdept/info/it/it.html).

#### I.1 Accreditation

The B.S. in Information Technology program, as a new degree, has not yet undergone an accreditation review. A team of faculty members from the School of Computer Science designed the IT curriculum. Many new IT programs are appearing across the country, and no standards have yet been formalized. This will occur over the next few years. The majority of core courses required of IT majors are existing courses taken from the accredited programs in Computer Science, Computer Engineering and Electrical Engineering.

#### 2. The Academic Program

The following information is gathered from the UCF catalog, the Undergraduate Policies and Procedures Manual, and other documents that describe the IT undergraduate program; however, this brochure should not be considered a legally-binding document. It is not necessarily

exhaustive and is subject to change.

All UCF students must fulfill a 36-hour General Education Program (GEP) requirement. Students who received an A.A. degree from a community college in Florida should be able to complete the B.S.I.T. requirements in 60 additional hours at UCF — provided that the A.A. elective choices have been made appropriately. Students coming with an A.S. degree must take additional courses to complete the B.S.I.T. requirements. Please consult the UCF catalog for specific details.

Students must complete 120 semester hours of course work with a Grade Point Average (GPA) of at least 2.0, and must satisfy all University and Information Technology Program requirements to earn the B.S.I.T. degree.

Any student wishing to receive a second Bachelor's degree should consult the University catalog. A student must be a declared Information Technology major to earn the B.S.I.T. degree. The State of Florida requires at least nine (9) hours of course work be completed during summer terms unless the student has already met this requirement while earning an A.A. degree.

#### 2.1 SUS Foreign Language Admission Requirement

To be admitted to UCF, The Florida State University System (SUS) requires two (2) years of high school foreign language (or equivalent). This is the Foreign Language Admission Requirement. In some cases, students who have not satisfied this requirement (two units in the same language) at the time of admission must satisfy the requirement prior to graduation. Students may have the option of fulfilling this requirement through examination; for more information contact SARC's University Testing Center at (407) 823-5109. Note: This admission requirement applies to all undergraduates and is separate from the UCF Foreign Language Proficiency Requirement.

## 2.2 Course Requirements:

### 2.2.1 IT Prerequisites (20 hours)

*MAC 2147	Math for Calculus
*STA 2023	Statistical Methods I
*ECO 2013	Principles of Macroeconomics
*PSY 2012	General Psychology
PHI 3626	Ethics in Science and Technology
*PHY 2053C	College Physics I

\* Should be taken for GEP (see section 2).

### 2.2.2 Support Courses (Total six (6) hours, all at upper division)

ENC 3241 Writing for the Technical Professional

Or ONE of the following:

ENC 3211 Technical Writing  
ENC 3250 Professional Writing

And ONE of the following:

CRW 3011 Creative Writing (choose section specified for non-English majors)

OR

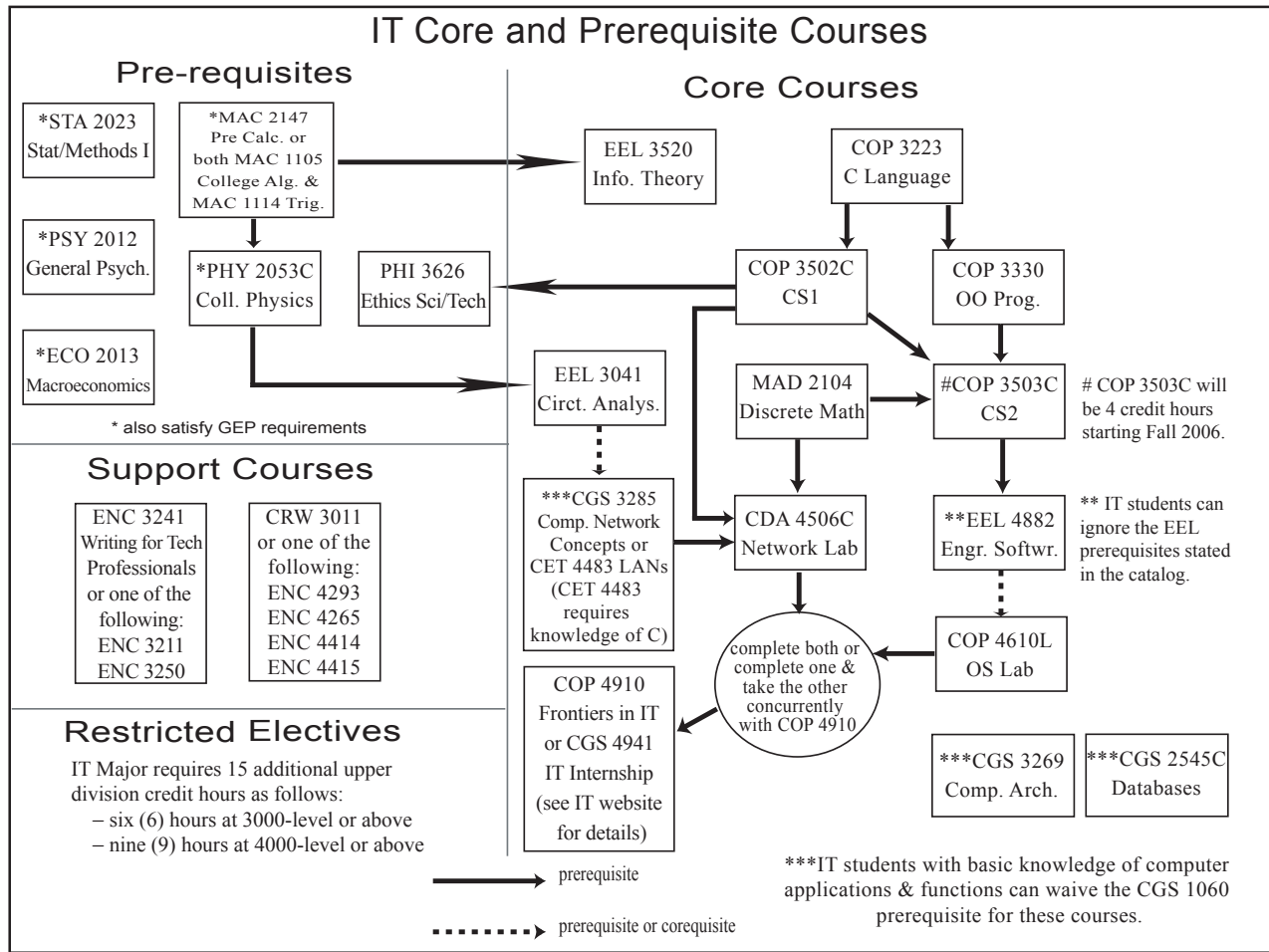
ENC 4XXX A Technical Writing Course ♦

♦ There are a limited number of technical writing choices available for non-English majors. The choices are: ENC 4293 (Technical Documentation I), ENC 4265 (Writing for Computer Industry) ENC 4414 (Studies in Hypertext) or ENC 4415 (Digital Rhetoric).

### 2.2.3 IT Core (43 hours; 37 at upper division)

COP 3223	C Programming Language
COP 3502C	Computer Science I
COP 3503C	Computer Science II
COP 3330	Object Oriented Programming
MAD 2104	Foundations of Discrete Mathematics
EEL 3041	Circuit Analysis

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- EEL 3520 Information Theory
- CGS 3269 Computer Architecture Concepts
- CGS 2545C Database Concepts
- EEL 4882 Engineering Systems Software (Operating Systems)
- COP 4610L OS Laboratory
- CDA 4506C Network Laboratory
- ONE of the following:
  - COP 4910 Frontiers in Information Tech. (Capstone course)
  - OR CGS 4941 IT Internship

And ONE of the following:

- CGS 3285 Computer Network Concepts
- OR
- CET 4483 Introduction to Local Area Network Technology

2.2.4 Restricted Electives (15 hours total: nine (9) at 4000-level or above plus six (6) at 3000-level or above)

**2.3 Special IT Program Requirements**  
Grade Requirements: Each required course (listed in sections 2.2.1, 2.2.2, 2.2.3 or 2.2.4)

must be passed with a “C” grade (GPA 2.0) or better. The overall GPA for the IT Core courses (section 2.2.3) must be 2.5 or better.

Departmental Residency Requirements: At least 24 hours of coursework from the Information Technology Program at UCF (at least nine (9) hours of which must be regularly scheduled 4000- or 5000-level courses).

#### 2.4 Transfer of Credit

Courses with a common course number taken at any Florida State University System (SUS) institution or Florida community college are automatically transferable.

Students with a previous Bachelor of Science from an accredited institution or an Associate of Arts degree from a Florida SUS institution or Florida community college automatically satisfy the GEP. Substitutions for GEP must be approved through Academic Services, Millican Hall (MH) 210.

#### 3. Sample Program of Study for A.A. Transfer Students

Below is a four-semester sample program leading to a Bachelor of Science in Information Technology. This example assumes that the student has an A.A. from a Florida community college and has completed all prerequisites plus the following courses: Advanced C-Language Programming (Note: A course entitled “Introduction to C” is generally not sufficient.), CGS 2545C, COP 3223.

Fall Semester I: COP 3502C, COP 3330, MAD 2104, ENC 3241, 1st Upper Division Elective (15 hours)

Spring Semester I: COP 3503C, CGS 3269, CGS 3285 or CET 4483, EEL 3041, 2nd Upper Division Elective (16 hours)

Fall Semester II: EEL 4882, COP 4610L, PHI 3626, CDA 4506C, 3rd Upper Division Elective (15 hours)

Spring Semester II: EEL 3520, COP 4910 or CGS 4941, CRW 3011 or ENC 4XXX, 4th Upper Division Elective, 5th Upper Division Elective (15 hours)

#### 4. Sample Program of Study for Incoming Freshmen

The following is an eight-semester sample program of study leading to a B.S. degree in Information Technology. These are only guidelines and the student should consult the catalog for the official requirements for graduation. In particular, students must take nine hours during summer sessions.

Semester 1: COP 3223, MAC 2147, ENC 1101, SPC 1600, 1st Free Elective (17 hours)

Semester 2: COP 3502C, MAD 2104, ECO 2013, ENC 1102, PSY 2012 (15 hours)

Semester 3: COP 3330, LIT 2110, PHY 2053C, EUH 2000, 2nd Free Elective (15 hours)

Semester 4: COP 3503C, STA 2023, CGS 2545C, EUH 2001, BSC 1005 (16 hours)

Semester 5: EEL 4882, EEL 3041, ENC 3241, CGS 3285 or CET 4483, 3rd Free Elective (15 hours)

Semester 6: CGS 3269, COP 4610L, PHI 3626, 1st Upper Division Elective, 4th Free Elective (15 hours)

Semester 7: EEL 3520, CDA 4506C, 2nd Upper Division Elective, 3rd Upper Division Elective, 5th Free Elective (15 hours)

Semester 8: COP 4910 or CGS 4941, CRW 3011 or ENC 4XXX, 4th Upper Division Elective, 5th Upper Division Elective (12 hours)

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