B.S. Degree Program in Information Technology

University of Central Florida

1. 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.eecs.ucf.edu/it/.

1.1 Accreditation
The B.S. in Information Technology program, as a new degree, has not yet undergone an accreditation review. As part of the School of Electrical Engineering and Computer Science (EECS), a group of EECS faculty members 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 School of EECS 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
- PHY 2053 College Physics I
- COP 3223 C Programming Language
- COP 3330 Object Oriented Programming
- CGS 2545C Database Concepts
- MAD 2104 Discrete Structures

Should be taken for GEP (see section 2).

2.2.2 IT Core (42 hours; 36 at upper division)
- COP 3502 Computer Science I
- CIS 3360 Security in Computing
- CAP 4104 Human & Technology Interaction
- EEL 3041 Circuit Analysis
- EEL 3531 Information Theory
- CGS 3269 Computer Architecture Concepts
- CGS 3269 Discrete Structures
- COP 3502 Computer Science I
- CIS 3360 Security in Computing
- CAP 4104 Human & Technology Interaction
- EEL 3041 Circuit Analysis
- EEL 3531 Information Theory
- CGS 3269 Computer Architecture Concepts
- CGS 3269 Discrete Structures

5. How to Apply
For an admission application, visit: www.admissions.mca.ucf.edu/

Or write to:
Office of Undergraduate Admissions
University of Central Florida
PO Box 160111
Orlando, FL 32816-0111

For more information contact:
Information Technology Program
School of Electrical Engineering & Computer Science (EECS)
University of Central Florida
PO Box 162362
Orlando, FL 32816-2362
www.eecs.ucf.edu

6. Additional Information
EECS & Information Technology Main Office
(HEC 246) (407) 823-2341
IT Program Assistant (407) 823-3957
IT Undergraduate Advising (HEC 245) (407) 823-2787 or 3-5660

CECS Academic Affairs Office
(ENG1 107) (407) 823-2455
UCF 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 Open House (select dates) (407) 823-5359
UCF Honors Program (407) 823-2076
UCF Web site: www.ucf.edu

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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 are done through the Office of Academic Support & Information Services (OASIS), Colbourn Hall (CNH) 202.

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 COP 3223 (Note: A course entitled “Introduction to C” is generally not sufficient.), CGS 2545.

Fall Semester I: COP 3502, COP 3330, MAD 2104, ENC 3241, CNT 3004, CIS 3360 (15 hours)
Spring Semester I: CGS 3269, STA 2023, CGS 2545, EEL 3041, CNT 3003, EEL 4004, CNT 4714, 1st upper division elective (15 hours)