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
Department 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 346) (407) 823-2341
IT Undergraduate Advising (HEC 345)
(407) 823-2787 or 3-5660

CECS Academic Affairs Office
(ENG 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
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

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 (B.S) in Information Technology degree. For a detailed description of computer facilities, faculty expertise and course descriptions, please consult our Web site at: www.cs.ucf.edu/IT/program.php/
The Information technology program focuses on preparing graduates who are concerned with issues related to advocating for users and meeting their needs within an organizational and social context through the selection, creation, application, integration and administration of computing technologies (2008 Curriculum Guidelines for Undergraduate Degree Programs in Information Technology – ACM/IEEE-CS). The courses include topics such as fundamental concepts of computing and information technology, network administration and security, the design of web pages, and the planning and management of the technology lifecycle by which an organization’s technology is maintained, upgraded, and replaced.

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. 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. requirements. Please consult the UCF catalog for specific details.

Students must complete 120 semester hours of course work with a UCF Grade Point Average (GPA) of at least 2.0, and must satisfy all University and Information Technology Program requirements to earn the B.S. 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. 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 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 1105 College Algebra
MAC 1140 Pre-Calculus Algebra
MAC 1114 College Trigonometry
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 Foundations of Discrete Mathematics

2.2.2 IT Core (45 hours)
COP 3502 Computer Science I
CIS 3360 Security in Computing
CAP 4104 Human & Technology Interaction
PHY 2054 College Physics II
CGS 3763 OS Concepts
CGS 3269 Computer Architecture Concepts
CNT 4603 System Admin and Maint
CPT 3004 Computer Network Concepts
CIS 3003 Fundamentals of Information Technology
CIS 4524 Managing IT Integration
CNT 4714 Enterprise Computing
CIS 4004 Web-Based Information Technology
CNT 4703 Network Laboratory

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

(Continued on reverse side.)
Support Courses

- **Electives**: IT Major requires six (6) hours of any 3000-level (or higher) courses offered by Information Technology and/or Computer Science programs in the Department of EECS.

- **Any programming course is required as a prerequisite for these courses.**

Restricted Electives

- Select one:
  - ENC 4215 Technical Publication and Project Management
  - ENC 4262 Int'l Tech Communication
  - ENC 4265 Writing for the Computer Industry
  - ENC 4293 Documentation and the Collaborative Process
  - ENC 4298 Technical Communication for the Virtual Workplace
  - ENC 4414 Writing and Hypertext
  - ENC 4415 Digital Rhetoric and the Modern Dialectic
  - ENC 4416 Writing in Digital Environments

2.2.4 Restricted Electives (6 hours at 3000-level or above CS/IT courses). CGS 4941 can be used as a restricted elective.

2.2.5 Major Specific Support Courses: (An “S” grade is required in all these courses)
- CGS 3921 (1 hour), CGS 3990 (0 hour), CGS 4990 (0 hour)

2.3 Special IT Program Requirements
- Grad 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.
- 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 degree 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 online through Academic Services, Millican Hall, Room 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 COP 3223 (Note: A course entitled “Introduction to C” is generally not sufficient.). CGS 2545.

Fall Semester 1: COP 3502, COP 3330, MAD 2104, ENC 3241, CIS 3360, CIS 3921, CIS 3990 (16 hours)

Spring Semester 1: CGS 3269, CNT 3004, CGS 3763, CIS 3003, PHY 2054 (16 hours)

Summer Semester 1: CNT 4703 (3 hours)

Fall Semester 2: CAP 4104, PHI 3626, CIS 4524, CIS 4603, 1st upper division elective, CIS 4991 (15 hours)

Spring Semester 2: CNT 4714, COP 4910, ENC 4XXX, CIS 4004, 2nd 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, ENC 1101, SPC 1603C, MAC 1105C or MAC 1140 (12 hours)

Semester 2: COP 3502C, PSY 2012, MAC 1114C, ENC 1102, ECO 2013 (15 hours)

Semester 3: COP 3330, PHI 2053C, CIS 3003, CGS 2545C, MAC 1144C, ENC 1101, SPC 1603C, MAC 1105C or MAC 1140 (15 hours)

Semester 4: CGS 3269, STA 2023, CIS 3003, BSC 1005, Free Elective, CIS 3921, CIS 3990 (16 hours)

Semester 5: CAP 4104, PHI 2054C, CIS 3360, ENC 3241 or ENC 3250, CGS 3763, ENC 3241 or ENC 3250 (16 hours)

Semester 6: CIS 4524, CGS 3763, PHI 3626, ENC 4293 or ENC 4265 or ENC 4414 or ENC 4415 or ENC 4298 or ENC 4416 or ENC 4262 or ENC 4215 (15 hours)

Semester 7: CNT 4703C, CIS 4004, Restricted Elective, Free Elective, CIS 4991 (15 hours)

Semester 8: COP 4910, CNT 4714, Restricted Elective, Free Elective (13 hours)