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.

To complete the B.S. degree, 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:
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2.2.4 Restricted Electives (6 hours at 3000-level or above CSI/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)
CIS 3921 (1 hour), CIS 3990 (0 hour), CIS 4991 (0 hour)

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.

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

Fall Semester I: COP 3502, COP 3330, MAD 2104, ENC 3241, CIS 3360, CIS 3921, CIS 3990 (16 hours)
Spring Semester I: CIS 3269, CNT 3004, CIS 3763, CIS 3003, PHY 2054 (16 hours)
Summer Semester I: CNT 4703 (3 hours)
Fall Semester II: CAP 3104, PHI 3626, CIS 4524, CNT 4603, 1st upper division elective, CIS 4991 (15 hours)
Spring Semester II: 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, EUH 2000 (15 hours)
Semester 2: COP 3502C, PSY 2012, MAC 1114C, ENC 1102, ECO 2013 (15 hours)
Semester 3: COP 3330, PHY 2053C, MAD 2104, CGS 2545C, LIT 2110 (16 hours)
Semester 4: CGS 3269, STA 2023, CIS 3003, BSC 1005, GEP, CIS 3921, CIS 3990 (16 hours)
Semester 5: CAP 3104, PHY 2054C, CNT 3004, CIS 3360, ENC 3241 or ENC 3250 (16 hours)
Semester 6: CIS 4524, CGS 3763, PHI 3626, GEP, ENC 4293 or ENC 4265 or ENC 4414 or ENC 4415 or ENC 4416 or ENC 4410 or ENC 4262 or ENC 4215 (15 hours)
Semester 7: CNT 4703C, CIS 4004, CIS 4603, Restricted Elective, Free Elective, CIS 4991 (15 hours)
Semester 8: COP 4910, CNT 4714, Restricted Elective, Free Elective (13 hours)

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Select one:
COP 4910  Frontiers in Information Tech. (Capstone course)
PHI 3626  Ethics in Science and Technology

2.2.3 Support Courses (Total six (6) hours, all at upper division)
Select one:
ENC 3241  Writing for the Technical Professional
ENC 3250  Professional Writing

Technical Publication and Project Management
Intel Tech Communication Writing for the Computer Industry
Documentation and the Collaborative Process
Technical Communication for the Virtual Workplace Writing and Hypertext
Digital Rhetoric and the Modern Dialectic Writing in Digital Environments

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