B.S. Degree Program in Information Technology

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.

1. General Information

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. 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

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2.2 Course Requirements:

(Continued on reverse side.)
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) CGS 3921 (1 hour), CIS 3990 (0 hour), CIS 4990 (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 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 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)