3. How to Apply
For an application to UCF and CS, visit or write to:

UCF Office of Undergraduate Admissions
PO Box 160111, Orlando, FL 32816-0111
(407) 823-2455
(407) 823-2778
(407) 823-3000
(407) 823-3000

For more information contact:

UCF Web site: www.ucf.edu
College Academic Affairs (ENG1 107): (407) 823-2555
Admissions: (407) 823-3000
Bookstore: (407) 823-2665
Campus Tours: (407) 823-3000
Info & Directions to UCF: (407) 882-0909
Employment Opportunities: (407) 823-2778
Financial Aid: (407) 823-2827
Housing: (407) 823-4663
Multicultural Academic & Support: (407) 823-2716
Veteran’s Affairs: (407) 823-2707
University Honors Program: (407) 823-2076
UCF Web site: www.ucf.edu

4. Additional Information
Computer Science Office/Advising (HEC 346): (407) 823-2341
College Academic Affairs (ENG1 107): (407) 823-2455
Admissions: (407) 823-3000
Bookstore: (407) 823-2665
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Any student wishing to receive a BS+MS degree in CS, a double-major or to seek a second Bachelor’s degree should consult the UCF catalog and the CS coordinator. A student must be an official CS major to earn the computer science degree.

(Continued on inside...)
### 2.1 Course Requirements

#### 2.1.1 Computer Science Core (54 hours)

**Basic Core** (Total 21 hours)
- COP 3223 Introduction to Programming with C
- COP 3330 Intro to OO Programming with Java
- COP 3502C Computer Science I
- COP 3505C Computer Science II (3 cr)
- CDA 3103 Computer Organization (3 cr)
- COP 3402 Systems Software
- COT 3100 Intro to Discrete Structures
- COP 3607 Passed CS Foundation Exam

**Support Courses** (Total 33 hours)
- MAC 2311 Calculus with Analytic Geometry I
- MAC 2312 Calculus with Analytic Geometry II
- STA 2023 Statistical Methods I
- PHY 2046C Physics for Engr. & Sci. I
- PHY 2049C Physics for Engr. & Sci. II
- ENC 3241 Technical Report Writing
- CIS 3360 Security in Computing

Two (2) Science Courses
- COT 3100
- MAC 2311
- COP 3607
- STA 2023
- PHY 2049C

1. These must be courses required by the respective science majors, such as BSC 2010, BSC 2011, CHM 2045 or CHM 2046.

2. These must be courses required by the respective science majors, such as BSC 2010, BSC 2011, CHM 2045 or CHM 2046.

#### 2.1.2 Upper Division Required Courses (12 hours)

- MAC 3405 Introduction to Computer Ethics (3 cr)
- COP 4641 Database Management Systems (3 cr)
- COP 4935 Senior Design II
- COP 4934 Senior Design I
- COT 4210 Discrete Computational Structures
- COP 4331C Procs for OO Development (3 cr)

2.1.3 Course Requirements

- Students must earn a 2.5 GPA in above courses.

#### 2.2 Special Departmental Requirements

**Foundation Exam:** Prior to taking COP 4331C and COP 4210 (and beyond), students MUST pass the Foundation Exam, which covers problem solving techniques, algorithms, abstractions, proofs, programming skills, etc. Typically, students are expected to take the Foundation Exam the semester following the completion of COP 3502C (CS1).

**Grade Requirements:** All department-required courses (listed in sections 2.1.1, 2.1.2, 2.1.3 and 2.1.4) must be passed with a “C” grade or better. A minimum GPA of 2.5 is required in the courses listed in section 2.1.3.

**Departmental Residency Requirement:** At least 24 hours of computer science coursework must be completed in the CS department at UCF (18 hours of these in regularly scheduled 4000-5000-level courses and six (6) of these in 3000-to 5000-level).

### 2.3 Transfer of Credit

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

Substitutions for department requirements are on a course-by-course basis and MUST be approved by the CS Undergraduate Coordinator and the CS Chair. Instructions for this process are in the Computer Science office. Harris Corporation Engineering Center (HEC 346). The decision is typically based on the degree of similarity of the two courses both in content and level of presentation. Regardless of transfer credit, the University and Department residency requirements must be satisfied. Exception: Substitution requests for courses offered by other departments must be filed in the Academic Affairs Office (Eng1-107) or the Department offering the course.

### 2.4 Math/Stat Restricted Electives (6 hours)

Six (6) hours of math or statistics, exclusive of independent study.

### Plan

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**TOTALS=>** 13 13 6 13 13 6 12 12 12 12 120

### 2.5 Total Degree Hours = 120 Credit Hours

We assume the AA degree includes:

- MAC2311, MAC2312, STA2023, PHY2048, PHY2048L, PHY2049, PHY2049L and 6 credits from BSC2010, BSC2011, CHM2045, CHM2046.

### 2.6 PLAN COMMENTS:

- **SUP-1**
  - Choose two courses (at least 6 cr) from the Science Group; one sequence in the same discipline or one course from each discipline.

- **SUP-2**
  - Choose two courses from the Upper Division Math/Stat Group.

**CS-Elective**
- CS - 4000/5000
  - Choose six courses from the link below:

Any 4000/5000 level regular or special topics course offered by the CS faculty. This group also includes at most 3cr of 4000 level Independent Study or Directed Research on the undergraduate plan of study.

Note: The “Sample Program of Study” assumes that the student has an AA from a Florida Community College and has completed all science/math courses.

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