DEGREE REQUIREMENTS
BACHELOR OF SCIENCE IN COMPUTER SCIENCE (CSC)
FOR STUDENTS ENTERING CATALOG YEAR 2013 OR LATER
COLLEGE OF LIBERAL ARTS & SCIENCES, UNIVERSITY OF FLORIDA

GENERAL EDUCATION/CLAS COLLEGE REQUIREMENTS (40 credits)**

Composition (including ENC2210 or 3246)..........................6
Social and Behavioral Sciences...........................................9
Biological Sciences..........................................................6
Humanities (including HUM 2305).........................................9

Diversity Studies**......3 in conjunction with H or S course
International Studies**......3 in conjunction with H or S crs
Foreign Language Proficiency ...........................................0-10

** These courses should be selected from courses that simultaneously fulfill the general education area requirements in social and behavioral sciences (S) or humanities (H).

*** The CLAS di mathematics and physical science requirements are covered by the departmental requirements below.

++ If Foreign Lang. proficiency is met with fewer than 10 hours, then replace with any level electives to reach the minimum 120 hours.

DEPARTMENTAL REQUIREMENTS (67 credits)

**Critical Tracking courses are in bold.

Mathematics (18)
- MAC 2311 Analytic Geometry & Calculus 1 .................4
- MAC 2312 Analytic Geometry & Calculus 2 .................4
- MAC 2313 Analytic Geometry & Calculus 3 .................4
- MAS 3114 Comp. Linear Algebra (Cal 2 & prog. lang. exp.) ...........3
- STA 3032 Engineering Statistics (Cal 1) ......................3

Physics (8/10)
- PHY 2053 Physics 1 (HS Algebra & Trigonometry) ..........4
- PHY 2053L Physics 1 Lab ...........................................1
- PHY 2054 Physics 2 (PHY 2053) .................................4
- PHY 2054L Physics 2 Lab (PHY 2053L) ......................1
  OR
- PHY 2048 Physics w/ Cal 1 (HS Physics, Cal 1) ............3
- PHY 2048L Lab for PHY 2048 .................................1
- PHY 2049 Physics w/ Cal 2 (PHY 2048) ......................3
- PHY 2049L Lab for PHY 2049 (PHY 2048L) ..............1

CISE Electives (6)
- ANY 4000-level CISE course (see current course sched.) ....3
- CIS 4930 Special Topics (advisor approval) .....................3
- EGN 4912 Engineering Undergraduate Research ............1-3
- CIS 4905 Individual Study in CISE .............................at most: 3
- CIS 4940 Internship (advisor approval) .......................1
- CIS 4949 Co-op (advisor approval) ............................1
- EEL 4712C Digital Design (EEL 3701C) .......................4
- EEL 4713C Digital Computer Architecture (EEL 3701C) ....4
- EEL 4744C Microprocessor Applications (EEL 3701C) ....4

*The above list is not exhaustive, nor are all courses always offered.

CS Major Courses (35)
- COP 3502 Prog. Fund. 1 (MAC 2311) .............................3
- COP 3503 Prog. Fund. 2 (MAC 2311, COP 3502) ..........3
- COT 3100 App. of Discrete Structures (MAC 2311, COP 3503) ....3
- COP 3530 Data Struct & Alg. (COP 3503, COP 3100, MAC 2312) ....4
- CDA 3101 Intro to Comp Organization (MAC 2311, COP 3503) ...3
- CEN 3031 Intro to Software Engineering (COP 3530) ........3
- COP 4600 Operating Systems (COP 3530, CDA3101) ........3
- COP 4501 Numerical Analysis (COP 3503, MAS3114) ..........3
- CIS 4301 Info&DB Sys Dsgn and Dev 1 (COP 3503, COT 3100) ....3
- OR CAP 4800 Systems Simulation (COP 3530) (Fall only) .......3
- EEL 3701C Digital Logic & Computer Systems (COP 3503) ....4
- CIS 4914 Sr. Project (4 LS) ....................................4
- OR CIS4913C IPPD2 (4LS, CIS4912C) .........................3

ELECTIVES (13 credits)

Minimum Total Hours........................................................................................................120++

This document is intended to be used only as a counseling guide. Graduation requirements are more completely specified in the UF Undergraduate Catalog.