

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	Diversity Studies** ...3 in conjunction with H or S course
Social and Behavioral Sciences.....9	International Studies** ...3 in conjunction with H or S crs
Biological Sciences.....6	Foreign Language Proficiency0-10
Humanities (including IUF 1000).....9	<i>Hours required for proficiency depend on placement.</i>

- ** These courses should be selected from courses that simultaneously fulfill the general education area requirement 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

***UF Online students: EEL courses are not available for online delivery.**

***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 & Algor. (COP 3503, COT 3100, MAC 2312)	4
__CDA 3101 Intro to Comp Org. (MAC 2311, COP 3503, COT 3100)	3
__CEN 3031 Intro to Software Engineering (COP 3530)	3
__COP 4600 Operating Systems (COP 3530, CDA3101)	3
__COT 4501 Numerical Analysis (COP 3503, MAS3114)	3
__CIS 4301 Info&DB Sys and Dev 1 (COP 3503, COT 3100).....	3
__EEL 3701C Digital Logic & Computer Systems (COP 3503)	4
__CIS 4914 Sr. Project (4 LS)	
OR CIS4913C IPPD2 (4LS, CIS4912C)	3

ELECTIVES (13 credits)

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

Rev 12/14

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