

TRACKING SHEET – SUGGESTED COURSE SEQUENCE
 BACHELOR OF SCIENCE IN COMPUTER SCIENCE (CSE)
 COLLEGE OF ENGINEERING, UNIVERSITY OF FLORIDA

FRESHMAN YEAR

Semester 1—Fall

If you do not place out of ENC 1101, take it this semester.

MAC 2311 Analytical Geometry & Calc 1 (GE-M)	4
CHM 2045 General Chemistry (GE-P)	3
CHM 2045L General Chemistry Lab (GE-P)	1
COP 3502 Programming for CIS Major 1 (Tech Elec.).....	3
HUM 2305 (GE-H)	3
Total	14

Semester 2—Spring

MAC 2312 Analytical Geometry & Calc 2 (GE-M)	4
PHY 2048 Physics with Calc 1 (GE-P)	3
PHY 2048L Physics Lab (GE-P)	1
COP 3504/03Adv. Prog./Prog. for CIS majors 2 (GE-M).....	3
COT 3100 Applications of Discrete Structures.....	3
Total	14

Summer

MAC 2313 Analytical Geometry & Calc 3 (GE-M)	4
Humanities or Social/Behavioral Science (GE-H or GE-S)	3
Humanities or Social/Behavioral Science (GE-H or GE-S)	3
Total	10

SOPHOMORE YEAR

Semester 3—Fall

MAP 2302 Differential Equations	3
PHY 2049 Physics with Calc 2 (GE-P)	3
PHY 2049L Physics Lab (GE-P)	1
CDA 3101 Intro to Computer Organization	3
COP 3530 Data Structures & Algorithms	4
Total	14

Semester 4—Spring

EEL 3701C Digital Logic & Computer Systems	4
MAS 3114 Computational Linear Algebra.....	3
Interdisciplinary Elective	3
Humanities or Social/Behavioral Science (GE-H or GE-S)	3
Total	13

Summer

ENC 3254 Professional Comm. for Eng. (GE-C, GE-6)	3
Humanities or Social/Behavioral Science (GE-H or GE-S)	3
Total	6

- **Critical tracking courses for semesters 1-4 appear in bold; these courses must be completed with a combined GPA of 2.5 or higher. For additional tracking requirements please refer to the College of Engineering section in the Undergraduate Catalog.**

- Above course plan is a suggested sequence; students may deviate from sequence as long as prerequisites have been met.

- CISE advisors recommend that EEL 3701c be taken either by itself during the summer or with no more than 13 hours/credits during a Fall/Spring semester.

- ENC 3254 must be taken at UF.

- Students with an initial course load of 15 credits or more during the Fall and Spring semesters will be permitted to drop a course without penalty provided this is done by the end of the seventh week and the total credits remaining are 12 or more. See an advisor for the summer rule.

JUNIOR YEAR

Semester 5—Fall

COT4501 Numerical Analysis	3
CIS 4301 Info & Database System Design and Dev. 1	3
STA 3032 Engineering Statistics	3
Interdisciplinary Elective	3
Total	12

Semester 6—Spring

CEN 3031 Intro to Software Engineering	3
COP 4600 Operating Systems	3
Communications Course	3
Technical Elective	3
Total	12

Summer

Pursue Internship/Co-op if desired

SENIOR YEAR

Semester 7—Fall

CNT 4007C Computer Network Fundamentals	4
CGS 3065 Legal and Social Issues (Tech & Ethics Elec.).....	3
Interdisciplinary Elective	3
Technical Electives	3
Total	13

Semester 8—Spring

CIS 4914 Sr. Project or CIS 4913C-IPPD 2 (4EG)	3
Interdisciplinary Elective	3
Interdisciplinary Elective	3
Technical Electives	3
Total	12

TOTAL HOURS REQUIRED FOR DEGREE 120

ACM:

For information on joining the Association for Computing Machinery, visit their web site at www.acm.cise.ufl.edu, or send e-mail to acm@cise.ufl.edu. If you would like to participate in any ongoing discussions, please subscribe to acm-discuss@cise.ufl.edu and if you are interested in receiving announcements of corporate info sessions, job/internship postings, programming competitions and upcoming speakers, please subscribe to acm-announce@cise.ufl.edu.

Honors:

In order to graduate cum laude a student must attain an upper division GPA of 3.3 or higher. A 3.5 upper division GPA is required for magna cum laude and a 3.8 for summa cum laude. In order to receive magna or summa cum laude designations a student must complete an honors project and submit a written thesis based on the research performed for that project.

CISE DEPT. WEB SITE: www.cise.ufl.edu

Please visit our web site for information about professors and course syllabi.

CISE DEPT. ADVISING WEB SITE:

www.cise.ufl.edu/academics

Please visit our web site for information on degree programs.