

TRACKING SHEET – SUGGESTED COURSE SEQUENCE  
 BACHELOR OF SCIENCE IN COMPUTER SCIENCE (CSE) – CATALOG 2013 & LATER  
 COLLEGE OF ENGINEERING, UNIVERSITY OF FLORIDA

FRESHMAN YEAR

*Semester 1—Fall*

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

<b>MAC 2311 Analytical Geometry &amp; Calc 1 (GE-M)</b> .....	4
<b>CHM 2045 General Chemistry (GE-P)</b> .....	3
CHM 2045L General Chemistry Lab (GE-P) .....	1
<b>COP 3502 Prog. Fundamentals 1</b> .....	3
HUM 2305 (GE-H) .....	3
Total	14

*Semester 2—Spring*

<b>MAC 2312 Analytical Geometry &amp; Calc 2 (GE-M)</b> .....	4
<b>PHY 2048 Physics with Calc 1 (GE-P)</b> .....	3
PHY 2048L Physics Lab (GE-P) .....	1
COP 3503 Prog. Fundamentals 2 (GE-M) .....	3
COT 3100 Applications of Discrete Structures .....	3
Total	14

*Summer*

Humanities or Social/Behavioral Science (GE-H or GE-S) .....	3
Humanities or Social/Behavioral Science (GE-H or GE-S) .....	3
Total	6

SOPHOMORE YEAR

*Semester 3—Fall*

<b>MAC 2313 Analytical Geometry &amp; Calc 3 (GE-M)</b> .....	4
<b>PHY 2049 Physics with Calc 2 (GE-P)</b> .....	3
PHY 2049L Physics Lab (GE-P) .....	1
CDA 3101 Intro to Computer Organization .....	3
COP 3530 Data Structures & Algorithms .....	4
Total	15

*Semester 4—Spring*

CEN 3031 Intro to Software Engineering .....	3
ENC 3254 Professional Comm. for Eng. (GE-C, GE-6) .....	3
MAS 3114 Computational Linear Algebra .....	3
Interdisciplinary Elective .....	3
Humanities or Social/Behavioral Science (GE-H or GE-S) .....	3
Total	15

*Summer*

EEL 3701C Digital Logic & Computer Systems .....	4
Humanities or Social/Behavioral Science (GE-H or GE-S) .....	3
Total	7

- **Critical tracking appear in bold; these courses must be completed with a combined GPA of 2.5 or higher by the end of the 5<sup>th</sup> semester. 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. Students are still fee liable for the dropped course.

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*

COP 4600 Operating Systems .....	3
Communications Course .....	3
Technical Elective .....	3
Technical Elective .....	3
Total	12

*Summer*

Pursue Internship/Co-op if desired

SENIOR YEAR

*Semester 7—Fall*

CNT 4007C Computer Network Fundamentals .....	4
EGN 4034 Engineering Ethics .....	1
Interdisciplinary Elective .....	3
Technical Electives .....	3
Technical Electives .....	3
Total	14

*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 121

**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](http://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](http://www.cise.ufl.edu/academics)

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