

TRACKING SHEET – SUGGESTED COURSE SEQUENCE
 BACHELOR OF SCIENCE IN DIGITAL ARTS AND SCIENCES (DAS) – CATALOG 2013 AND LATER
 COLLEGE OF ENGINEERING, UNIVERSITY OF FLORIDA

FRESHMAN YEAR

Semester 1—Fall

| | | |
|-----------------|---|--------|
| MAC 2311 | Analytical Geometry & Cal 1 (GE-M) |4 |
| CHM 2045 | General Chemistry (GE-P) |3 |
| HUM 2305 | What is the Good Life (GE-H) |3 |
| COP 3502 | Prog. Fundamentals 1 |3 |
| | Total | 13 |

Semester 2—Spring

| | | |
|-----------------|---|--------|
| MAC 2312 | Analytical Geometry & Cal 2 (GE-M) |4 |
| PHY 2048 | Physics with Calculus I (GE-P) |3 |
| PHY 2048L | Lab for PHY 2048 |1 |
| CAP 3032 | Interactive Modeling and Animation(S) |3 |
| COP 3503 | Prog. Fundamentals 2 (GE-M) |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

| | | |
|-----------------|---|--------|
| MAC 2313 | Analytical Geometry & Cal 3 (GE-M) |4 |
| PHY 2049 | Physics with Calculus II (GE-P) |3 |
| PHY 2049L | Lab for PHY 2049 |1 |
| CAP 3220 | Intro to Computer-Aided Modeling(F) |3 |
| COT 3100 | Applications of Discrete Structures |3 |
| | Total | 14 |

Semester 4—Spring

| | | |
|-----------------|--|--------|
| MAP 2302 | Elementary Differential Equations |3 |
| ARH 2051 | Into to Art History |3 |
| CAP 3034 | Intro to Computer-Aided Animation(S) |3 |
| COP 3530 | Data Structures & Algorithms |4 |
| | Total | 13 |

Summer

| | | |
|--|---|--------|
| | Interdisciplinary Elective (advisor approval) |3 |
| | Interdisciplinary Elective (advisor approval) |3 |
| | Total | 6 |

JUNIOR YEAR

Semester 5—Fall

| | | |
|----------|--|--------|
| CAP 3027 | Introduction to DAS |3 |
| CEN 3031 | Introduction to Software Engineering |3 |
| MAS 3114 | Computational Linear Algebra |3 |
| | Humanities or Social/Behavioral Science (GE-H or GE-S) |3 |
| | Interdisciplinary Elective (advisor approval) |3 |
| | Total | 15 |

Semester 6—Spring

| | | |
|----------|---|--------|
| CAP 3020 | Theory & Practice of Multimedia Prod |3 |
| | Interdisciplinary Elective (advisor approval) |3 |
| COT 4501 | Numerical Analysis |3 |
| | CISE Elective |3 |
| ART2305C | Perceptual Drawing |3 |
| | Total | 15 |

SENIOR YEAR

Semester 7—Fall

| | | |
|--------------------|--|--------|
| CAP 4800 | System Simulation (F) | |
| OR CIS 4930 | Human Computer Interaction (S) |3 |
| ART2701C | Sculpture: Form and Space |3 |
| ENC 3254 | Professional Comm. for Eng. (GE-C, GR-6) |3 |
| | CISE Elective |3 |
| | Total | 12 |

Semester 8—Spring

| | | |
|--------------------|---|--------|
| CIS 4914 | Senior Project |3 |
| CAP 4730 | Computational Structures in Comp. Graphics |3 |
| COP 4020 | Programming Language Concepts (S) |3 |
| OR COP 4600 | Operating Systems | |
| | Interdisciplinary Elective (advisor approval) |3 |
| | Total | 12 |

+ TOTAL HOURS REQUIRED FOR DEGREE 120

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. WEBSITE: www.cise.ufl.edu

CISE Undergraduate Advisors: ugadvisors@cise.ufl.edu

- **Critical tracking appear in bold; these courses must be completed with a combined GPA of 2.5 or higher by the end of the 5th 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.
- 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 7th week and the total credits remaining are 12 or more.
- ART2305C and ART2701C are restricted by the Art Dept. and cannot be taken any earlier than junior year. These courses have limited enrollment and availability is based on seniority. Accommodations will be made to ensure that students can graduate on time. See a CISE advisor for more details.