



College of Engineering
Digital Arts and Sciences
 Bachelor of Science with Innovation Minor
*Suggested Schedule**

FRESHMAN

Semester 1 (Spring)

CHM 2045 Chemistry for Engineers 1	3
COP 3502 Intro to Programming 1	3
MAC 2311 Analytical Geometry and Calculus 1 (GE-M)	4
IDS 1353 Creativity in Context (ID Elective)	2
Total	12

Semester 2 (Summer)

IUF 1000 What is the Good Life GE-H/S	3
MAC 2312 Analytical Geometry and Calculus (GE-M)	4
COP 3503 Intro to Programming 2	3
GE-H/S Elective	3
IDS 1359 Creativity-in-Action (ID Elective)	2
Total	15

SOPHOMORE

Semester 3 (Spring)

MAC 2313 Analytical Geometry and Calculus 3 (GE-M)	4
PHY 2048 Physics 1 with Calculus 1 (GE-P)	3
PHY 2048L Physics 1 Lab	1
COT 3100 Discrete Structures	3
CAP 3032 Modeling & Animation	3
Total	14

Semester 4 (Summer)

CAP 3220 Computer Aided Modeling	3
ARH 2051 Art History (GE-H)	3
MAP 2302 Elementary Differential Equations	3
PHY 2049 Physics 2 (GE-P)	3
PHY 2049L Physics 2 Laboratory (GE-P)	1
Total	13

JUNIOR

Semester 5 (Spring)

ID Elective	3
COP 3530 Data Structures	4
CAP 3034 Computer Aided Animation	3
PHI 3641 Conduct, Change, and Consequences (GE-H, WR 4000)	3
Total	13

Semester 6 (Summer)

GE-H/S Elective	3
MAS 3114 Linear Algebra	3
ENC 3246 Professional Communication for Engineers	3
CAP 3027 Intro to DAS	3
Total	12

SENIOR

Semester 7 (Spring)

CEN 3031 Software Engineering	3
CAP 3020 Theory & Prac. Multimedia Production	3
COP 4600 Operation Systems or COP 4020	3
CAP 4730 Computer Struct. In Computer Graphics	3
COT 4501 Numerical Analysis	3
Total	15

Semester 8 (Summer)

CISE Elective/Research	6
ENG 4641 Engineering Entrepreneurship (ID Elective)	3
ART 2305C Drawing	3
ENT 4015 Venture Accelerator or IDS 4950 Innovation Academy Senior Project	2
Total	14

Semester 9 (Spring)

CEN4721 Hum-Comp Int.	3
ART 2701C Sculpture	3
CIS 4914 Senior Project	3
EGS4038 Engineering Leadership (Tech Elective)	3
Total	12

Total Credits to Degree = 120

* For Detailed tracking and degree requirements, please refer to the [UF catalog](#). Last updated: July 2017