



COLLEGE OF ENGINEERING

Digital Arts and Sciences

Bachelor of Science with General Concentration Innovation Minor

Suggested Schedule*

FIRST YEAR			
Semester 1 (Spring)		Semester 2 (Summer)	
CHM 2045 Chemistry for Engineers 1	3	GE-H/S Elective	3
COP 3502 Intro to Programming 1	3	MAC 2312 Analytical Geometry and Calculus (GE-M)	4
MAC 2311 Analytical Geometry and Calculus 1 (GE-M)	4	COP 3503 Intro to Programming 2	3
IDS 1940 Creativity in Context (ID Elective)	2	COT 3100 Discrete Structures	3
SLS 1102 First Year Florida	1	IDS 1359 Creativity-in-Action (ID Elective)	2
ENC 1101 or 1102 (GE-C, 6K WR)	3		
TOTAL	16	TOTAL	15
SECOND YEAR			
Semester 3 (Spring)		Semester 4 (Summer)	
MAC 2313 Analytical Geometry and Calculus 3 (GE-M)	4	CAP 3220 Computer Aided Modeling	3
PHY 2048 Physics 1 with Calculus 1 (GE-P)	3	ARH 2051 Art History (GE-H)	3
PHY 2048L Physics 1 Lab	1	MAP 2302 Elementary Differential Equations	3
COP 3530 Data Structures and Algorithms	4	AEC 3410 Innovation Through Leadership (ID Elective)	3
CAP 3032 Modeling and Animation	3	PHY 2049 Physics 2 (GE-P)	3
		PHY 2049L Physics 2 Laboratory (GE-P)	1
TOTAL	15	TOTAL	16
THIRD YEAR			
Semester 5 (Spring)		Semester 6 (Summer)	
ID Elective	3	GE-H/S Elective	3
CEN 3031 Software Engineering	4	GE-H/S Elective	3
CAP 3034 Computer Aided Animation	3	MAS 3114 Linear Algebra	3
ENT 3003 Principles of Entr. or ENG 4641 Eng Entr. (ID Elective)	3-4	ENC 3246 Professional Communication for Engineers	3
PHI 2631 Ethics and Innovation (GE-H, 2K WR)	3	CAP 3027 Intro to DAS	3
TOTAL	16-17	TOTAL	15
FOURTH YEAR			
Semester 7 (Spring)		Semester 8 (Summer)	
CAP 3020 Theory and Practice Multimedia Production	3	CISE Elective/Research	3
COP 4600 Operation Systems or COP 4020	3	GE-H/S Elective	3
CAP 4730 Computer Structure in Computer Graphics	3	ART 2305C Drawing	3
COT 4501 Numerical Analysis	3	ID Elective	3
		ENT 4015 Venture Accelerator or IDS 4950 Innovation Academy Senior Project (ID Elective)	2-3
TOTAL	12	TOTAL	14-15
FIFTH YEAR			
Semester 9 (Spring)		TOTAL CREDITS TO DEGREE = 134-136 * For Detailed tracking and degree requirements please refer to the UF catalog . Last Updated February 2025	
CISE Elective	3		
CEN 4721C Hum-Comp. Int.	3		
ART 2701C Sculpture	3		
CIS 4914 Senior Project	3		
CISE Elective	3		
TOTAL	15		