



LONG RANGE PLAN

Name _____

A# _____

Career Goals _____

Major **CS - Computer Science**

Minor _____

Concentration **ENCP - Entertainment Computing**

ALL 300+

FA - Fall ONLY

SP - Spring ONLY

Credits Complete

Fall 2025	
Course	ALL 300+
MA 171/ Calculus I	4
EH 101/ College Writing I	3
CS 104/ Intro to CS Using Python	3
Fine Art: Choose ARS 160/ Drawing: Foundations	3
FYE 101S/ First Year Experience /FA	1
semester total	14 0

Spring 2026	
Course	ALL 300+
MA 172/ Calculus II	4
EH 102/ College Writing II	3
CS 121/ Computer Science I	3
Ethics Course - Choose 1: PHL 102/ Intro to Ethics or PHL 150/ Tech, Science, and Human Values	3
General Elective	3
semester total	16 0

Summer 2026	
Course	ALL 300+
semester total	0 0
year total	30 0

Fall 2026	
Course	ALL 300+
MA 201/ Calculus III	4
CS 214/ Discrete Structures	3
CS 221/ Computer Science II	3
Social/Behavioral Science	3
HY History/ HY 103, 104, 221, or 222	3
semester total	16 0

Spring 2027	
Course	ALL 300+
MA 244/ Intro to Linear Algebra	3
CS 309 & 309L/ Computer Org & Switching Theory	3 3
CS 321/ Intro to Object-Oriented Prog JAVA	3 3
Social/Behavioral Science	3
HY History/ HY 103, 104, 221, or 222	3
semester total	15 6

Summer 2027	
Course	ALL 300+
semester total	0 0
year total	31 6

Fall 2027	
Course	ALL 300+
MA 385/ Intro to Probability & Statistics	3 3
CS 317/ Intro to Design & Analysis of Algorithms	3 3
CS 347 Intro Video Game Design & Programming	3 3
Dramatic Media Elements Course	3
Lab Sci Seq 1: BYS 119&121/ Princ of Bio or CH 121&125/ Gen Chem I or PH 111&114 Phys w/Calc I or AES103&L/ Env Earth Sci	4
semester total	16 9

Spring 2028	
Course	ALL 300+
CS 330/ AI & Game Development	3 3
CS 413 & 413L/ Intro Digital Computer Architecture	3 3
EH 301/ Technical Writing	3 3
EH Literature/EH 207, 208, 241, 242, 243, 244, 245, or 246	3
Lab Sci Seq 2: BYS 120&122/ Organismal Bio or CH 123&126/ Gen Chem II or PH 112&115/Phys w/Calc II or AES104&L/ Wthr&Clim Chng	4
semester total	16 9

Summer 2028	
Course	ALL 300+
semester total	0 0
year total	32 18

Fall 2028	
Course	ALL 300+
CS 371/ Mobile Computing App/FA	3 3
CS 424/ Programming Languages	3 3
CS 445/ Intro Computer Graphics	3 3
Humanities/2nd Literature/2nd Fine Art	3
General Elective	3
semester total	15 9

Spring 2029	
Course	ALL 300+
CS 443/ Multimedia Systems/SP	3 3
CS 490/ Intro to Operating Systems	3 3
CS 499/ Senior Proj: Team Software Design	3 3
General Elective	3
semester total	12 9

Summer 2029	
Course	ALL 300+
semester total	0 0
year total	27 18

FA - Fall ONLY

SP - Spring ONLY

Grand Total 120 42
(120) (36)

Updated By: **Amazing Advisor**

Notes:

Charger Foundation (CF) & General Elective courses Classes that are required for graduation and easily shifted around other courses. Offered in every semester.

Apply to graduate
by Sept 1st for Spring
by Feb 1st for Summer
by June 1st for Fall

Graduation checklist and araduation application:
<https://www.uah.edu/registrar/commencement/checklist>