



LONG RANGE PLAN

Name
A#
Career Goals

Major
Minor
Concentration

CS - Computer Science
WEB - Web Programming

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	
Social/Behavioral Science	3	
Ethics Course - Choose 1: PHL 102/ Intro to Ethics or PHL 150/ Tech, Science, and Human Values	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	
HY History/ HY 103, 104, 221, or 222	3	
ARS 123/ Graphic Design: Introduction	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
HY History/ HY 103, 104, 221, or 222	3	
ARS 230/ Graphic Design: Introduction	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
ARS 332/ Graphic Design: Web Design	3	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	
EH Literature/EH 207, 208, 241, 242, 243, 244, 245, or 246	3	
semester total	16	9

Spring 2028		
Course	ALL	300+
CS 413 & 413L/ Intro Digital Computer Architecture	3	3
CS 300+ or 400+ course	3	3
EH 301/ Technical Writing	3	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	
Humanities/2nd Fine Art/2nd Literature	3	
semester total	16	9

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

Fall 2028		
Course	ALL	300+
CS 424/ Programming Languages	3	3
CS 370 or 485 or 487/ Intro Computer Networks or Comp & Soft Sec or Database Syst	3	3
CS 300+ or 400+ course	3	3
Social/Behavioral Science	3	
General Elective	3	
semester total	15	9

Spring 2029		
Course	ALL	300+
CS 453/ Client/Server Architectures	3	3
CS 490/ Intro to Operating Systems	3	3
CS 499/ Senior Proj: Team Software Design	3	3
CS 300+ or 400+ course	3	3
semester total	12	12

Summer 2029		
Course	ALL	300+
semester total	0	0
year total	27	21

FA - Fall ONLY

SP - Spring ONLY

Grand Total 120 45
(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>