



LONG RANGE PLAN

Name
A#
Career Goals

Major
Minor
Concentration

MA - Mathematics

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	
3rd Lab Science: AST 106&L, CH 101&105, CH 121&125, AES 103&L, AES 104&L, BYS 119&121 OR PH113/116 in 4th semester	4	
FYE 101S/ First Year Experience /FA	1	
semester total	15	0

Spring 2026		
Course	ALL	300+
MA 172/ Calculus II	4	
EH 102/ College Writing II	3	
PH 111 & 114/ Physics w/Calculus I + lab	4	
CS 121/ Computer Science I	3	
semester total	14	0

Summer 2026		
Course	ALL	300+
semester total	0	0
year total	29	0

Fall 2026		
Course	ALL	300+
MA 201/ Calculus III	4	
PH 112 & 115/ Physics w/Calculus II + lab	4	
HY History/ HY 103, 104, 221, or 222	3	
Social/Behavioral Science	3	
General Elective	2	
semester total	16	0

Spring 2027		
Course	ALL	300+
MA 238/ Applied Differential Equations	3	
MA 244/ Intro to Linear Algebra	3	
HY History/ HY 103, 104, 221, or 222	3	
Social/Behavioral Science	3	
Fine Art	3	
semester total	15	0

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

Fall 2027		
Course	ALL	300+
MA 330/ Foundations of Math	3	3
MA 385/ Intro to Probability & Statistics	3	3
CM 113/ Public Speaking	3	
EH Literature/EH 207, 208, 241, 242, 243, 244, 245, or 246	3	
General Elective	3	
semester total	15	6

Spring 2028		
Course	ALL	300+
MA 442/ Algebraic Structures w/Application	3	3
MA 465/ Intro to Math Modeling /SP	3	3
Humanities/2nd Fine Art/2nd Literature	3	
General Elective 300+ or 400+ course	3	3
General Elective	3	
semester total	15	9

Summer 2028		
Course	ALL	300+
semester total	0	0
year total	30	15

Fall 2028		
Course	ALL	300+
MA 452/ Intro to Real Analysis	3	3
MA 300+ or 400+ course	3	3
General Elective 300+ or 400+ course	3	3
General Elective 300+ or 400+ course	3	3
General Elective	3	
semester total	15	12

Spring 2029		
Course	ALL	300+
MA 300+ or 400+ course	3	3
MA 300+ or 400+ course	3	3
General Elective 300+ or 400+ course	3	3
General Elective	3	
General Elective	3	
semester total	15	9

Summer 2029		
Course	ALL	300+
semester total	0	0
year total	30	21

FA - Fall ONLY

SP - Spring ONLY

Grand Total 120 36
(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>