



LONG RANGE PLAN

Name _____
 A# _____
 Career Goals _____

Major **PH - Physics**

Minor _____

Concentration **ASP - Astronomy & Astrophysics**

ALL 300+

FA - Fall ONLY		
Fall	2025	
Course	ALL	300+
MA 171/ Calculus I	4	
EH 101/ College Writing I	3	
PH 110/ Frontiers in Science /FA	3	
AST 106 & 106L/ Exploring the Cosmos I + lab /FA	4	
FYE 101S/ First Year Experience /FA	1	
semester total	15	0

SP - Spring ONLY		
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	
AST 107 & 107L/ Exploring the Cosmos II + lab /SP	4	
semester total	15	0

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

Fall	2026	
Course	ALL	300+
MA 201/ Calculus III	4	
PH 112 & 115/ Physics w/ Calculus II + lab	4	
CH 121 & 125/ General Chemistry I + lab	4	
HY History/ HY 103, 104, 221, or 222	3	
semester total	15	0

Spring	2027	
Course	ALL	300+
MA 238/ Applied Differential Equations	3	
PH 113 & 116/ Physics w/ Calculus III + lab	4	
PH 251/ Special Relativity /SP	1	
CH 123 & 126/ General Chemistry II + lab	4	
HY History/ HY 103, 104, 221, or 222	3	
semester total	15	0

Summer	2027	
Course	ALL	300+
semester total	0	0
year total	30	0

Fall	2027	
Course	ALL	300+
MA 244/ Intro to Linear Algebra	3	
PH 351/ Intro to Modern Physics /FA	3	3
Fine Art	3	
EH Literature/EH 207, 208, 241, 242, 243, 244, 245, or 246	3	
CS 104/ Intro to Python Programming	3	
semester total	15	3

Spring	2028	
Course	ALL	300+
PH 301/ Intermediate Mechanics /SP	3	3
PH 305/ Math Methods in Physics /SP	3	3
AST 371/Intro to Astrophysics/SP	3	3
Non-Literature Humanity	3	
Humanities/2nd Fine Art/2nd Literature	3	
semester total	15	9

Summer	2028	
Course	ALL	300+
semester total	0	0
year total	30	12

Fall	2028	
Course	ALL	300+
AST 471/ Stellar Astrophysics /FA	3	3
AST/PH/OPT 300+ or 400+ course	3	3
Social/Behavioral Science	3	
General Elective 300+ or 400+ course	3	3
General Elective 300+ or 400+ course	3	3
semester total	15	12

Spring	2029	
Course	ALL	300+
PH 499/ Physics Practicum	3	3
Social/Behavioral Science	3	
General Elective 300+ or 400+ course	3	3
General Elective 300+ or 400+ course	3	3
General Elective 300+ or 400+ course	3	3
semester total	15	12

Summer	2029	
Course	ALL	300+
semester total	0	0
year total	30	24

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>