



LONG RANGE PLAN

Name _____
A# _____
Career Goals _____

Major **CH - Chemistry**
Minor _____
Concentration **PURC - Pure Chemistry**

ALL 300+

FA - Fall ONLY

SP - Spring ONLY

Credits Complete

Fall		2025	
Course	ALL	300+	
MA 171/ Calculus I	4		
EH 101/ College Writing	3		
CH 121M & 125M/ General Chemistry I + lab (M-Sections Required)	4		
BYS 120 & 122/ Organismal Biology + lab OR BYS 119 & 121/ Principles of Biology + lab	4		
FYE 101S/ First Year Experience /FA	1		
semester total	16	0	

Spring		2026	
Course	ALL	300+	
MA 172/ Calculus II	4		
EH 102/ College Writing II	3		
CH 123 & 126/ General Chemistry II +lab	4		
BYS 120 & 122/ Organismal Biology + lab OR BYS 119 & 121/ Principles of Biology + lab	4		
semester total	15	0	

Summer		2026	
Course	ALL	300+	
semester total	0	0	
year total	31	0	

Fall		2026	
Course	ALL	300+	
MA 201/ Calculus III	4		
CH 331 & 335/ Organic Chemistry I + lab	4	4	
BYS 219 & 221/ Genetics & Evolution + lab	4		
PH 111 & 114/ Physics w/Calculus I + lab	4		
semester total	16	4	

Spring		2027	
Course	ALL	300+	
CH 223 & 224/ Quantitative Analysis + lab	4		
CH 332 & 336/ Organic Chemistry II + lab	4	4	
BYS 300 & 300L/ Cell & Developmental Biology + lab	4	4	
PH 112 & 115/ Physics w/Calculus II + lab	4		
semester total	16	8	

Summer		2027	
Course	ALL	300+	
semester total	0	0	
year total	32	12	

Fall		2027	
Course	ALL	300+	
CH 337/ Organic Chemistry Lab III	2	2	
CH 341 & 345/ Phys Chem I & Exp Phys Chem I /FA	4	4	
Social/Behavioral Science	3		
HY History/ HY 103, 104, 221, or 222	3		
EH Literature/EH 207, 208, 241, 242, 243, 244, 245, or 246	3		
semester total	15	6	

Spring		2028	
Course	ALL	300+	
CH 342 & 346/ Phys Chem II & Exp Phys Chem II /SP	4	4	
CH 361 & 362/ General Biochemistry I + lab	4	4	
Social/Behavioral Science	3		
HY History/ HY 103, 104, 221, or 222	3		
semester total	14	8	

Summer		2028	
Course	ALL	300+	
semester total	0	0	
year total	29	14	

Fall		2028	
Course	ALL	300+	
CH 401/ Inorganic Chemistry /FA	3	3	
CH 421 & 422/ Instrumental Analysis + lab/FA	4	4	
Fine Art	3		
Social/Behavioral Science	3		
General Elective	2		
Apply to Chemistry department for research course			
semester total	15	7	

Spring		2029	
Course	ALL	300+	
CH 402/ Inorganic Chemistry Lab /SP	1	1	
CH 491 or 492 or 493/ Intro to Chemical Research 1-3 hr	3	3	
Humanities/2nd Fine Art/2nd Literature	3		
CM 113/ Public Speaking	3		
General Elective 300+ or 400+ course	3	3	
semester total	13	7	

Summer		2029	
Course	ALL	300+	
semester total	0	0	
year total	28	14	

FA - Fall ONLY

SP - Spring ONLY

Grand Total

120 40
(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/reaistrar/commencement/checklist>