



LONG RANGE PLAN

Name

A#

Career Goals

Major **BYS - Biological Sciences**

Minor

Concentration

COLLEGE OF SCIENCE
THE UNIVERSITY OF ALABAMA IN HUNTSVILLE

FA - Fall ONLY			SP - Spring ONLY			Credits Complete		
Fall 2025			Spring 2026			Summer 2026		
Course	ALL	300+	Course	ALL	300+	Course	ALL	300+
MA 171/ Calculus I	4		Statistics - Choose one: MA 281, PY 300, or SOC 303	3				
EH 101/ College Writing	3		EH 102/ College Writing II	3				
BYS 120 & 122/ Organismal Biology + lab OR BYS 119 & 121/ Principles of Biology + lab	4		BYS 120 & 122/ Organismal Biology + lab OR BYS 119 & 121/ Principles of Biology + lab	4				
CH 121M & 125M/ General Chemistry I + lab (M-Sections Required)	4		CH 123 & 126/ General Chemistry II + lab	4				
FYE 101S/ First Year Experience /FA	1		Fine Art	3				
semester total	16	0	semester total	17	0	semester total	0	0
						year total	33	0
Fall 2026			Spring 2027			Summer 2027		
Course	ALL	300+	Course	ALL	300+	Course	ALL	300+
BYS 219 & 221/ Genetics & Evolution + lab	4		BYS 300 & 300L/ Cell & Developmental Biology + lab	4	4			
CH 331 & 335/ Organic Chemistry I + lab	4	4	EH Literature/EH 207, 208, 241, 242, 243, 244, 245, or 246	3				
HY History/ HY 103, 104, 221, or 222	3		HY History/ HY 103, 104, 221, or 222	3				
Non-Literature Humanity	3		Social/Behavioral Science	3				
semester total	14	4	semester total	13	4	semester total	0	0
						year total	27	8
Fall 2027			Spring 2028			Summer 2028		
Course	ALL	300+	Course	ALL	300+	Course	ALL	300+
BYS 300+ or 400+ course	4	4	BYS 300+ or 400+ course	4	4			
PH 101 & 101L/ General Physics I + lab/FA OR PH 111 & 114/ Physics w/Calculus I + lab	4		CS 104, BYS 205, or BYS 431/ Intro to Computer Programming	3				
Humanities/2nd Fine Art/2nd Literature	3		General Elective 300+ or 400+ course	3	3			
Social/Behavioral Science	3		General Elective	3				
			General Elective	3				
semester total	14	4	semester total	16	7	semester total	0	0
						year total	30	11
Fall 2028			Spring 2029			Summer 2029		
Course	ALL	300+	Course	ALL	300+	Course	ALL	300+
BYS 300+ or 400+ course	4	4	BYS 490/ Senior Seminar	2	2			
BYS 300+ or 400+ course	3	3	BYS 300+ or 400+ course	3	3			
EH 301/ Technical Writing	3	3	General Elective 300+ or 400+ course	3	3			
General Elective	3		General Elective	3				
General Elective	3		General Elective	3				
semester total	16	10	semester total	14	8	semester total	0	0
						year total	30	18
FA - Fall ONLY			SP - Spring ONLY			Grand Total		
							120	37
							(120)	(36)

Updated By: **Amazing Advisor**

Notes: Students also have the option to take CH 101+105/ Intro to Chemistry > CH 201+205/ Elementary Organic Chemistry instead of General Chemistry I/II > Organic Chemistry I pathway.

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 graduation application:
https://www.uah.edu/registrar/commencement/checklist](https://www.uah.edu/registrar/commencement/checklist)