

Completed	Course Number	Credits	Course Name	Prerequisites, Corequisites and/or Prerequisites with Concurrency*	Semester Usually Offered
Charger Foundations					
Area I: Freshman Composition 6 credits – see attached for more options					
<input type="checkbox"/>	EH 101	3	College Writing I	Placement*	FA/SP/SU
<input type="checkbox"/>	EH 102	3	College Writing II	EH 101 or EH 101S	FA/SP/SU
<input type="checkbox"/>	EH 103	3	Accelerated College Writing	Placement*	SP
<input type="checkbox"/>	EH 105	3	Honors English Seminar	Honors	FA
Area II: Fine Art and Humanities 12 credits					
<input type="checkbox"/>		3	Fine Art	See attached for choices	
<input type="checkbox"/>		3	Literature	Completion of Area I	
<input type="checkbox"/>	CM 113	3	Public Speaking	REQUIRED (use as Non-Literature Humanity)	FA/SP/SU
<input type="checkbox"/>	*	3	Humanities/Fine Arts/Literature	See attached for choices	
Area III: Math and Natural Science 8 credits - See major below for math					
Lab Science 8 credits					
<input type="checkbox"/>	PH 111/114	3/1	Physics w/ Calculus I + Lab	MA 171	FA/SP/SU
<input type="checkbox"/>	PH 112/115	3/1	Physics w/ Calculus II + Lab	PH 111/114, MA 172	FA/SP/SU
Area IV: History and Social & Behavioral Science 12 credits					
<input type="checkbox"/>		3	History	See attached for choices	
<input type="checkbox"/>		3	Social & Behavioral Science		
<input type="checkbox"/>		3	Social & Behavioral Science		
<input type="checkbox"/>	*	3	History/Social & Behavioral Science		
Area V: College of Science Requirements 14 Credits					
<input type="checkbox"/>	FYE 101S	1	Charger Success – Science	REQUIRED	FA/SP
<input type="checkbox"/>	CS 102	3	Intro to C Programming	REQUIRED	FA/SP/SU
<input type="checkbox"/>	CS 121	3	Computer Science I	CS 102, 103, or 104, Prereq w/Conc MA 113	FA/SP/SU
<input type="checkbox"/>	EH 301	3	Technical Writing	EH 101 + EH 102	
<input type="checkbox"/>		4	Lab Science Course	See attached for choices	
Math Major Requirements 42 credits					
Math Core 21 credits					
<input type="checkbox"/>	MA 171	4	Calculus A	MA 113, MA 115 or Level 3 Placement	
<input type="checkbox"/>	MA 172	4	Calculus B	MA 171	
<input type="checkbox"/>	MA 201	4	Calculus C	MA 172	
<input type="checkbox"/>	MA 244	3	Intro to Linear Algebra	MA 172	
<input type="checkbox"/>	MA 330	3	Foundations of Math	MA 172, MA 244	
<input type="checkbox"/>	MA 385	3	Intro to Probability & Statistics	MA 201	
Concentration 21 credits					
<input type="checkbox"/>	MA 238	3	Applied Differential Equations	MA 172, Prereq w/Conc: MA 201	FA/SP/SU
<input type="checkbox"/>	MA 442	3	Algebraic Structures w/App	MA 244, MA 330 or MA 385	FA/SP/SU
<input type="checkbox"/>	MA 452	3	Intro to Real Analysis	MA 330	FA/SP
<input type="checkbox"/>	MA 465	3	Intro to Math Modeling	MA 201, MA 238, MA 244	SP
<input type="checkbox"/>	MA 300+	3	Math Elective	MA courses @ 300+ level	
<input type="checkbox"/>	MA 300+	3	Math Elective		
<input type="checkbox"/>	MA 300+	3	Math Elective		
Elective Courses 25 credits					
Elective courses can be taken from any department and do not have to be taken in your major or minor. 12 of the total credits must be taken at the 300+ level or higher. No more than- 4 HPE activity (HPE 100-199) credits count towards the 128 credits.					
<input type="checkbox"/>					
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Total = 128 credits to graduate					
39 of the 128 credits must be taken @ 300 level or higher					

All prerequisite classes must be completed with a "C-" or higher grade.

The Catalog is the final authority for all degree requirements.

*Placement Requirements: <https://www.uah.edu/admissions/undergraduate/admitted-students/academic-placement>

Charger Foundations Requirement Choices

College Writing I & II	<i>Choose 1</i>	College Writing I & II (EH 101 + 102) Intensive Writing & Studio & Freshman Comp II (EH 101S + 101L & EH 102) Honors English Seminar (EH 105; equivalent to EH 101 & EH 102) Accelerated College Writing (EH 103; equivalent to EH 101 & EH 102)
Fine Arts	<i>Choose 1</i>	Ancient to Medieval Art (ARH 100) Renaissance to Modern Art (ARH 101) Non-Western Art (ARH 103) Theatre Appreciation (TH 122) Introduction to Drawing (ARS 160) Intro to Music Literature (MU 100)
Literature	<i>Choose 1</i>	Readings Literature/Culture I (EH 207) Readings Literature/Culture II (EH 208) Mythology (EH 242) Honors Literature I (EH 209) Honors Literature II (EH 210)
Humanities Non-Literature	<i>Required</i>	Public Speaking (CM 113) Required course for Science Majors – use as the Non-Literature Humanities
Humanities/ Fine Art/ 2nd Literature	<i>Choose 1</i>	Ancient & Medieval Worlds (AMS 229) Intro to Philosophy (PHL 101) Intro to Ethics (PHL 102) Science, Tech & Human Values (PHL 150) Intro to Logic (PHL 201) Intro to Film Studies (FMA 123) Foreign Language (WLC 101) International Cinema (WLC 204) Intro to Women's Studies (WS 200) * see above for Lit & Fine Art Courses
Mathematics	→	See major requirements.
Natural Lab Science Sequence	→	Physics w/ Calculus I & II (PH 111/114 + PH 112/115)
History	<i>Choose 1</i>	World History I (HY 103) World History II (HY 104)
Social & Behavioral Sciences	<i>Choose 2</i>	Macroeconomics (ECN 142) Microeconomics (ECN 143) American Govt (PSC 101) Politics & Foreign Govt (PSC 102) International Relations (PSC 260) World Geography (ESS 105) Human Geography (ESS 110) Global systems & cultures (GS 200) Intro to Sociology (SOC 100) Analysis of Social Problems (SOC 102) Intro to Criminology (SOC 103) Sociological Perspective on Tech and Science (SOC 150) General Psychology (PY 101) Life Span Development (PY 201)
History or Social & Behavioral Sciences	<i>Choose 1</i>	Take either 2 nd History Course OR 3 rd Social & Behavioral Science
History or Literature Sequence	<i>Required</i>	History: (HY 103 + HY 104) or (HY 221 + HY 222) OR Literature: Any Part I (EH 207, 242, or Honors EH 209) + Any Part II (EH 208 or honors EH 210)

College of Science Requirement Choices

Additional Lab Science	<i>Choose 1</i>	General Chemistry I (CH 121/125) Astronomy (AST 106) Physics w/Calculus III (PH 113/116) Intro to Chemistry (CH 101/105) Principles of Biology (BYS 119/L) Earth System Science (ESS 103 or 104)
Computer Science	<i>Choose 1</i>	Intro to Computers & Programming (CS 100) Intro to C Programming (CS 102) Intro to Programming Using JAVA (CS 103) Intro to CS Using Python (CS 104)
Technical Writing	→	Technical Writing (EH 301) Required course for Science Majors