

Completed	Course Number	Credits	Course Name	Semester Usually Offered
<b>Charger Foundations</b>				
<b>Choose one:</b>				
<b>Area I: Freshman Composition 3-6 credits</b>				
<input type="checkbox"/>	EH 101 & EH 102	3	College Writing, I & II*	FA/SP/SU
<input type="checkbox"/>	EH 103	3	Accelerated College Writing*	SP
<input type="checkbox"/>	EH 105	3	Honors English Seminar*	FA
<b>Area II: Humanities and Fine Arts 12 credits</b>				
<input type="checkbox"/>		3	Fine Art	FA/SP/SU
<input type="checkbox"/>		3	Literature	FA/SP/SU
<input type="checkbox"/>		3	Non-Literature Humanity	FA/SP/SU
<input type="checkbox"/>		3	Humanities/Fine Arts/Literature	FA/SP/SU
<b>Area III: Mathematics and Sciences 11-12 credits</b>				
<b>Mathematics 3-4 credits</b>				
<input type="checkbox"/>	MA 112 or higher	3	Precalculus Algebra*	FA/SP/SU
<b>Natural Sciences (Lab) 8 credits</b>				
<input type="checkbox"/>	CH 101/105 or CH 121/125	3/1	Intro to Chemistry + Lab General Chemistry I + Lab	FA/SP/SU FA/SP/SU
<input type="checkbox"/>	CH 201/205 or CH 331/335	3/1	Elem Organic Chemistry + Lab Organic Chemistry I + Lab	FA/SP
<b>Area IV: History and Social &amp; Behavioral Sciences 12 credits</b>				
<input type="checkbox"/>		3	History	FA/SP/SU
<input type="checkbox"/>		3	Social & Behavioral Science	FA/SP/SU
<input type="checkbox"/>		3	Social & Behavioral Science	FA/SP/SU
<input type="checkbox"/>		3	History/Social & Behavioral Science	FA/SP/SU
<b>Area V: Pre-Professional</b>				
<b>Additional Requirements 14 credits</b>				
<input type="checkbox"/>	FYE 101S	1	Charger Success - Science	FA
<input type="checkbox"/>		3	Computer Programming	FA/SP/SU
<input type="checkbox"/>	PH 101/101L or PH 111/114	3/1	General Physics I + Lab General Physics w/ Calculus I + Lab	FA FA/SP/SU
<input type="checkbox"/>		3	Statistics	FA/SP
<input type="checkbox"/>	EH 301	3	Technical Writing	FA/SP/SU
<b>Major Requirements</b>				
<b>Biological Sciences Core 18 credits</b>				
<input type="checkbox"/>	BYS 119/121	3/1	Principles of Biology + Lab	FA/SP/SU
<input type="checkbox"/>	BYS 120/122	3/1	Organismal Biology + Lab	FA/SP/SU
<input type="checkbox"/>	BYS 219/221	3/1	Genetics and Evolution + Lab	FA/SP/SU
<input type="checkbox"/>	BYS 300/300L	4	Cell & Developmental Biology + Lab	FA/SP/SU
<input type="checkbox"/>	BYS 490	2	Senior Capstone	FA/SP/SU
<b>Ecology and Evolution Concentration Requirements 14 credits</b>				
<input type="checkbox"/>	BYS 312	4	Principles of Ecology + Lab	FA
<input type="checkbox"/>	BYS 321/321L	4	General Microbiology I + Lab	FA/SP
<input type="checkbox"/>	BYS 364	3	Biogeography	SP/every even year
<input type="checkbox"/>	BYS 464	3	Evolution	FA
<b>Ecology and Evolution Concentration Electives 4 credits</b>				
<input type="checkbox"/>		4	300+ level or higher BYS course	
<b>General Electives</b>				
Elective courses can be taken from any department and do not have to be taken in your major or minor. Only 4 HPE credits can apply.				
<b>Total = 120+ credits to graduate</b>				
36 of the 120 credits must be taken at 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: <a href="https://www.uah.edu/admissions/undergraduate/admitted-students/academic-placement">https://www.uah.edu/admissions/undergraduate/admitted-students/academic-placement</a>				

**Charger Foundations Choices**

<b>Freshman Composition</b>	Choose 1	College Writing, I & II (EH 101 & EH 102) Honors English Seminar (EH 105; equivalent to EH 101 & EH 102) Accelerated College Writing (EH 103; equivalent to EH 101 & EH 102)
<b>Fine Arts</b>	Choose 1	Ancient to Medieval Art (ARH 100) Renaissance to Modern Art (ARH 101) World Art (ARH 103) Introduction to Drawing (ARS 160) Intro to Film Studies (FMA 123) Intro to Music Literature (MU 100) Theatre Appreciation (TH 122)
<b>Literature</b>	Choose 1	Readings Literature/Culture I (EH 207) Readings Literature/Culture II (EH 208) Literature Without Borders (EH 241) Mythology (EH 242) Protest Literature (EH 243) Heroes &/or Monsters (EH 244) Love &/or Romance (EH 245) Speculative Realities (EH 246)
<b>Humanities (Non-Literature)</b>	Choose 1	Ancient to Medieval Art (ARH 100) Renaissance to Modern Art (ARH 101) World Art (ARH 103) Introduction to Drawing (ARS 160) Ancient & Medieval Worlds (AMS 229) Public Speaking (CM 113) Intro to Film Studies (FMA 123) Intro to Music Literature (MU 100) Intro to Philosophy (PHL 101) Intro to Ethics (PHL 102) Intro to Logic (PHL 103) Science, Tech & Human Values (PHL 150) Theatre Appreciation (TH 122) Intro to Women's Studies (WGS 200) Foreign Language (WLC 101) International Cinema (WLC 204)
<b>Mathematics</b>	Choose 1	Precalculus Algebra (MA 112) or higher <b>Note:</b> Math through Calculus is required for further chemistry courses beyond CH 101/105 and CH 201/205.
<b>Natural Sciences (Lab) Sequence</b>	Choose 1 Choose 1	Intro to Chemistry I (CH 101/105) or General Chemistry I (CH 121/125) AND Elementary Organic Chemistry + Lab (CH201/205) or Organic Chemistry I + Lab (CH 331/335)
<b>History</b>	Choose 1 or 2	World History I (HY 103) World History II (HY 104) United States to 1877 (HY 221) United States Since 1877 (HY 222)
<b>Social &amp; Behavioral Sciences</b>	Choose 2 or 3	World Geography (AES 105) Human Geography (AES 110) Global systems & Cultures (GS 200) Macroeconomics (ECN 142) Microeconomics (ECN 143) American Gov't (PSC 101) Politics & Foreign Govt (PSC 102) International Relations (PSC 260) General Psychology (PY 101) Life Span Development (PY 201) Intro to Sociology (SOC 100) Intro to Criminology (SOC 103)

**Students must take one literature and one history course.**

**Students must also take either a second literature or history course to complete a sequence.**

Take a 2<sup>nd</sup> Literature **AND** History or Social & Behavioral Science

Take a 2<sup>nd</sup> History **AND** Fine Arts or Non-Literature Humanities or Literature Humanities

**Computer Programming, Physics, and Statistics Choices**

<b>Computer Programming</b>	Choose 1	Intro to CS Using Python (CS 104) Coding Algorithms for Biology (BYS 205)
<b>Physics</b>	Choose 1	General Physics I + Lab (PH 101/101L) General Physics w/ Calculus I + Lab (PH 111/114)
<b>Statistics</b>	Choose 1	Elements of Statistics Analysis (MA 281) Probability & Statistics (MA 385) Psychological Statistics (PY 300) Statistics for Social Sciences (SOC 303)