

Completed	Course Number	Credits	Course Name	Semester Usually Offered
<b>Charger Foundations</b>				
<b>Area I: Freshman Composition 3-6 credits</b>				
<input type="checkbox"/>	EH 101 & EH 102	6	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 4 credits</b>				
<input type="checkbox"/>	MA 171, 171S, or MA 150 & 151	4	Calculus I* Calculus I with Foundations A & B*	FA/SP/SU
<b>Natural Sciences (Lab) 8 credits</b>				
<input type="checkbox"/>	PH 111/114	3/1	General Physics w/ Calculus I + Lab	FA/SP/SU
<input type="checkbox"/>	PH 112/115	3/1	General Physics w/ Calculus II + Lab	FA/SP/SU
<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 26 credits</b>				
<input type="checkbox"/>	FYE 101S	1	Charger Success - Science	FA
<input type="checkbox"/>	CM 113	3	Public Speaking	FA/SP/SU
<input type="checkbox"/>	MA 172	4	Calculus II	FA/SP/SU
<input type="checkbox"/>	MA 201	4	Calculus III	FA/SP/SU
<input type="checkbox"/>	MA 238	3	Applied Differential Equations	FA/SP/SU
<input type="checkbox"/>	MA 244	3	Intro to Linear Algebra	FA/SP/SU
<input type="checkbox"/>	BYS 119/121	4	Principles of Biology + Lab	FA/SP/SU
<input type="checkbox"/>	BYS 120/122	4	Organismal Biology + Lab	FA/SP/SU
<b>Major Requirements</b>				
<b>Chemistry Core 22 credits</b>				
<input type="checkbox"/>	CH 121/125	3/1	General Chemistry I + Lab	FA/SP/SU
<input type="checkbox"/>	CH 123/126	3/1	General Chemistry II + Lab	FA/SP/SU
<input type="checkbox"/>	CH 223/224	3/1	Quantitative Analysis + Lab	FA/SP
<input type="checkbox"/>	CH 331/335	3/1	Organic Chemistry I + Lab	FA/SP/SU
<input type="checkbox"/>	CH 332	3	Organic Chemistry II	FA/SP/SU
<input type="checkbox"/>	CH 401	3	Inorganic Chemistry	FA
<b>Chemical Physics Concentration Required Courses 29-31 credits</b>				
<input type="checkbox"/>	CH 336	1	Organic Chemistry Lab II	FA/SP/SU
<input type="checkbox"/>	CH 341	3	Physical Chemistry I	FA
<input type="checkbox"/>	CH 342	3	Physical Chemistry II	SP
<input type="checkbox"/>	CH 345	1	Experimental Physical Chemistry I	FA
<input type="checkbox"/>	CH 346	1	Experimental Physical Chemistry II	SP
<input type="checkbox"/>	CH 402	1	Inorganic Chemistry Lab	SP
<input type="checkbox"/>	CH 421/422	3/1	Instrumental Analysis + Lab	FA
<input type="checkbox"/>	CH 491, 492 or 493	1-3	Intro to Chemical Research	FA/SP/SU
<b>Minor Requirements</b>				
<b>Required Physics Minor 20 credits</b>				
<input type="checkbox"/>	PH 110	3	Frontiers in Science	FA
<input type="checkbox"/>	PH 113/116	3/1	General Physics III + Lab	FA/SP
<input type="checkbox"/>	PH 251	1	Special Relativity	FA/SP
<input type="checkbox"/>	PH 431	3	Intermediate Electricity & Magnetism I	FA
<input type="checkbox"/>	PH 432	3	Intermediate Electricity & Magnetism II	SP
<input type="checkbox"/>	PH 451	3	Intro to Quantum Mechanics I	FA
<input type="checkbox"/>	PH 452	3	Intro to Quantum Mechanics II	SP
<b>General Electives</b>				
Elective courses can be taken from any department and do not have to be taken in your major or minor.				
<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 & 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	Calculus I* (MA 171 or MA 171S) or Calculus I with Foundations A & B (MA 150 & MA 151)	
<b>Natural Sciences (Lab) Sequence</b>	Required	General Physics w/ Calculus I (PH 111/114) General Physics w/ Calculus II (PH 112/115)	
<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) Analysis of Social Problems (SOC 102) Intro to Criminology (SOC 103)
<b>Students must take one literature and one history course.</b>			
<b>Students must also take <u>either</u> a second literature <u>or</u> history course to complete a sequence.</b>			
	Take a 2 <sup>nd</sup> Literature <b>AND</b> History or Social & Behavioral Science		
	Take a 2 <sup>nd</sup> History <b>AND</b> Fine Arts or Non-Literature Humanities or Literature Humanities		