

Completed	Course Number	Credits	Course Name	Semester Usually Offered
Charger Foundations				
Choose one:				
Area I: Freshman Composition 6 credits				
<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
Area II: Humanities and Fine Arts 12 credits				
<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
Area III: Mathematics and Sciences 11-12 credits				
Mathematics 3-4 credits				
<input type="checkbox"/>	MA 171 or MA 171S or MA 150 & 151	4	Calculus I* Calculus I with Foundations A & B*	FA/SP/SU
Natural Sciences (Lab) 8 credits				
<input type="checkbox"/>	CH 101/105 or CH 121/125	4	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
Area IV: History and Social & Behavioral Sciences 12 credits				
<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 or Social & Behavioral Science	FA/SP/SU
Area V: Pre-Professional				
Additional Requirements 14 credits				
<input type="checkbox"/>	FYE 101S	1	Charger Success - Science	FA
<input type="checkbox"/>		3	Computer Programming	FA/SP
<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
Major Requirements				
Biological Sciences Core 18 credits				
<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
Biochemistry Concentration Requirements 12 credits				
<input type="checkbox"/>	BYS 321/321L	4	General Microbiology I + Lab	FA/SP
<input type="checkbox"/>	BYS 361/362	3/1	General Biochemistry I + Lab	FA/SP
<input type="checkbox"/>	BYS 363/365	3/1	General Biochemistry II + Lab	SP
Biochemistry Concentration Electives 6 credits				
<input type="checkbox"/>		3	300+ level or higher BYS course	FA/SP
<input type="checkbox"/>		3	300+ level or higher BYS course	FA/SP
Minor Requirements				
Required Chemistry Minor 21 credits				
<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
<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 332/336	3/1	Organic Chemistry II + Lab	FA/SP/SU
<input type="checkbox"/>	CH/BYS 362	1	General Biochemistry Lab	FA/SP/SU
General Electives				
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.				
Total = 120+ credits to graduate				
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: https://www.uah.edu/admissions/undergraduate/admitted-students/academic-placement				

Charger Foundations Choices

Freshman Composition	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)
Fine Arts	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)
Literature	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)
Humanities (Non-Literature)	Choose 2	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)
Mathematics	Choose 1	Calculus I (MA 171 or MA 171S) or Calculus I with Foundations A & B (MA 150 & 151)
Natural Sciences (Lab) Sequence	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)
History	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)
Social & Behavioral Sciences	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 2nd Literature **AND** History or Social & Behavioral Science **OR**

Take a 2nd History **AND** Fine Arts or Non-Literature Humanities or Literature Humanities

Computer Programming, Physics, and Statistics Choices

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