

Completed	Course Number	Credits	Course Name	Semester Usually Offered
Charger Foundations				
Area I: Freshman Composition 6 credits - see back for more options				
<input type="checkbox"/>	EH 101&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"/>	PHL 102 or 150	3	Non-Literature Humanity - Ethics Requirement can double count here	FA/SP/SU
<input type="checkbox"/>		3	Humanities/Fine Arts/Literature	FA/SP/SU
Area III: Mathematics and Sciences 11-12 credits				
Mathematics 4 credits				
<input type="checkbox"/>	MA 171, 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"/>	AES 103/103L & AES 104/104L	4 4	Environmental Earth Science + Lab Weather & Climate Change + Lab	FA/SP/SU
<input type="checkbox"/>	BYS 119/121 & BYS 120/122	3/1 3/1	Principles of Biology + Lab Organismal Biology + Lab	FA/SP/SU
<input type="checkbox"/>	CH 121/125 & CH 123/126	3/1 3/1	General Chemistry I + Lab General Chemistry II + Lab	FA/SP/SU
<input type="checkbox"/>	PH 111/114 & PH 112/115	3/1 3/1	General Physics w/ Calculus I + Lab General Physics w/ Calculus II + Lab	FA/SP/SU
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/Social & Behavioral Science	FA/SP/SU
Area V: Pre-Professional				
For Computer Science Majors 24 credits				
<input type="checkbox"/>	FYE 101S	1	Charger Success - Science	FA
<input type="checkbox"/>	CS 104	3	Intro to CS Using Python	FA/SP/SU
<input type="checkbox"/>	PHL 102 or 150	3	Ethics Requirement	FA/SP
<input type="checkbox"/>	EH 301	3	Technical Writing	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 244	3	Intro to Linear Algebra	FA/SP/SU
<input type="checkbox"/>	MA 385	3	Intro to Probability & Statistics	FA/SP/SU
Major Requirements				
Computer Science Core 30 credits				
<input type="checkbox"/>	CS 121	3	Computer Science I	FA/SP/SU
<input type="checkbox"/>	CS 214	3	Intro to Discrete Structures	FA/SP/SU
<input type="checkbox"/>	CS 221	3	Computer Science II: Data Structures	FA/SP/SU
<input type="checkbox"/>	CS 309/309L	3	Computer Org & Switching Theory + Lab	FA/SP
<input type="checkbox"/>	CS 317	3	Intro Design/Analysis of Algorithms	FA/SP/SU
<input type="checkbox"/>	CS 321	3	Intro Object-Oriented Prog Java	FA/SP
<input type="checkbox"/>	CS 413/413L	3	Intro to Digital Comp Architecture + Lab	FA/SP
<input type="checkbox"/>	CS 424	3	Principles Programming Language	FA/SP/SU
<input type="checkbox"/>	CS 490	3	Intro to Operating Systems	FA/SP
<input type="checkbox"/>	CS 499	3	Sr Project: Team Software Design	FA/SP
Computer Science Elective Requirements 15 credits				
Choose three CS courses at the 300-level or higher not listed in the courses above to reach a minimum of 9 credit hours.				
<input type="checkbox"/>		3		FA/SP
<input type="checkbox"/>		3		FA/SP
<input type="checkbox"/>		3		FA/SP
Choose two CS courses at the 400-level or higher not listed in the courses above to reach a minimum of 6 credit hours				
<input type="checkbox"/>		3		FA/SP
<input type="checkbox"/>		3		FA/SP
General Electives				
Elective courses can be taken from any department and do not have to be taken in your major or minor.				
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			
I. Freshman Composition	Choose 1	College Writing I & II (EH 101 + 102) or (EH 101 + 101L & 102) Honors English Seminar (EH 105; equivalent to EH 101 & EH 102) Accelerated College Writing (EH 103: equivalent to EH 101 & EH 102)	
II. 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)	
II. Humanities (Literature)	Choose 1	Readings Literature/Culture I (EH 207) Readings Literature/Culture II (EH 208) Honors Literature/Culture I (EH 209) Honors Literature/Culture II (EH 210) 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)
II. Humanities (Non-Literature)	Choose 1	Intro to Ethics (PHL 102) Science, Tech & Human Values (PHL 150)	
III. Mathematics	→	Calculus I : MA 171 or MA 171S or MA 150 & 151	
III. Natural Sciences (Lab) Sequence	Choose one 2-course sequence	Environmental Earth Science (AES 103/103L) + Weather & Climate Change (AES 104/104L) Principles of Biology (BYS 119/121) + Organismal Biology (BYS 120/122) General Chemistry I (CH 121/125) + General Chemistry II (CH 123/126) General Physics w/ Calculus I (PH 111/114) + General Physics w/ Calculus II (PH 112/115)	
IV. History	Choose 1	World History I (HY 103) World History II (HY 104)	United States to 1877 (HY 221) United States Since 1877 (HY 222)
IV. Social & Behavioral Sciences	Choose 2	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)
Students must take one literature and one history course.			
Students must also take <u>either</u> a second literature <u>or</u> history/social & behavioral science course to complete a sequence.			
Area II Sequence	Take a 2 nd Literature AND History or Social & Behavioral Science		
OR			
Area IV Sequence	Take a 2 nd History AND Fine Arts or Non-Literature Humanities or Literature Humanities		
Area V. Choices			
Computer Programming	Choose 1	Intro to C Programming (CS 102) Intro to Computer Science Using Python (CS 104)	