

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
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	Intro to Rhetorical Communication	REQUIRED (use as Non-Literature Humanity)	FA/SP/SU
<input type="checkbox"/>	*	3	Humanities/Fine Arts/Literature	See attached for choices	
Area III: Mathematics and Natural Science 12 credits					
Mathematics 4 credits					
<input type="checkbox"/>	MA 171	4	Calculus A	MA 113, 115, or Level 3 Placement*	FA/SP/SU
Physics 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 23 credits					
<input type="checkbox"/>	FYE 101S	1	Charger Success – Science	REQUIRED	FA/SP
<input type="checkbox"/>		3	Computer Science	See attached for choices	
<input type="checkbox"/>	EH 301	3	Technical Writing	EH 101, EH 102, JR Standing (61+ credit hours)	FA/SP/SU
<input type="checkbox"/>	BYS 119	4	Principles of Biology + Lab		
<input type="checkbox"/>	BYS 120	4	Organismal Biology + Lab	BYS 119	FA/SP/SU
<input type="checkbox"/>	MA 172	4	Calculus B	MA 171	FA/SP/SU
<input type="checkbox"/>	MA 201	4	Calculus C	MA 172	FA/SP/SU
Chemistry Major, Environmental Chemistry Concentration Requirements 41-43 credits					
Chemistry Core Courses 25 credits					
<input type="checkbox"/>	CH 121/125	3/1	General Chemistry I + Lab	MA 112, or MA 113, 115 or MA 171 w/ con	FA/SP/SU
<input type="checkbox"/>	CH 123/126	3/1	General Chemistry II + Lab	CH 121/125	FA/SP/SU
<input type="checkbox"/>	CH 223/224	3/1	Quantitative Analysis + Lab	CH 123/126	FA/SP
<input type="checkbox"/>	CH 331/335	3/1	Organic Chemistry I + Lab	CH 123/126	FA/SP/SU
<input type="checkbox"/>	CH 332	3	Organic Chemistry II	CH 331, CH 335	FA/SP/SU
<input type="checkbox"/>	CH 361	3	General Biochemistry I	BYS 120, CH 332, CH 335	FA/SP
<input type="checkbox"/>	CH 401	3	Inorganic Chemistry	CH 336	FA
Environmental Chemistry Concentration Courses 16-18 credits					
<input type="checkbox"/>	CH 336	1	Organic Chemistry Lab II	CH 335, Prereq w/ Con Ch 332	FA/SP/SU
<input type="checkbox"/>	CH 341/345	3/1	Physical Chemistry/Exp Phys Chem	CH 123, CH 126, CH 223/224, CH 332/336, MA 201, PH 112	FA
<input type="checkbox"/>	CH 342/346	3/1	Physical Chemistry III/Exp Phys Chem II	CH 341, CH 345	SP
<input type="checkbox"/>	CH 362	1	General Biochemistry Lab I	CH 336 and CH 362 w/ Con	FA/SP
<input type="checkbox"/>	CH 402	1	Inorganic Chemistry Lab	PH 401	SP
<input type="checkbox"/>	CH 421	4	Instrumental Analysis	Prereq w/ Con CH 345	FA/SP/SU
<input type="checkbox"/>	CH 491-493	1-3	Intro to Chemical Research	Prereq w/ Con CH 345	FA/SP/SU
Earth System Science Courses 20 credits					
<input type="checkbox"/>	ESS 103	4	Env Earth Science +Lab		FA/SP
<input type="checkbox"/>	ESS 104	4	Weather and Climate Change + Lab		FA/SP
<input type="checkbox"/>	ESS 301	3	Intro to Earth & Atmospheric Phys	ESS 103, ESS 104, PH101 OR 111, MA 120 OR 171	FA/SP
<input type="checkbox"/>	ESS 305	3	Hydrology	ESS 103, ESS 104, PH 104, MA 171, CH 121/125	SP
<input type="checkbox"/>	ESS 321	3	Pollution Problems	ESS 103, ESS 104, PH 104, MA 171, CH 121/125	FA
<input type="checkbox"/>	ESS 420	3	Intro Atmos Chem and Air Pollution	ESS 301, ESS 321, PH 112/115, CH 121/125	SP
Elective Courses 1-3 credits					
Elective courses can be taken from any department and do not have to be taken in your major or minor. No more than 4 HPE activity (HPE 100-199) credits count towards the 128 credits.					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
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 Requirements Choices

College Writing I & II	<i>Choose 1</i>	<ul style="list-style-type: none"> 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>	<ul style="list-style-type: none"> Ancient to Medieval Art (ARH 100) Renaissance to Modern Art (ARH 101) Non-Western Art (ARH 103) Theatre Appreciation (TH 122) Introduction to Drawing (ARS160) Intro to Music Literature (MU 100)
Literature	<i>Choose 1</i>	<ul style="list-style-type: none"> Readings Literature/Culture I (EH 207) Readings Literature/Culture II (EH 208) Mythology (EH 242) Honors Literature I (EH 209) Honors Literature II (EH210)
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>	<ul style="list-style-type: none"> 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) <p>* see above for Lit & Fine Art Courses</p>
Mathematics	→	<ul style="list-style-type: none"> Calculus A (MA 171)
Natural Lab Science Sequence	→	<ul style="list-style-type: none"> Physics w/ Calculus I & II (PH 111/114 + PH 112/115)
History	<i>Choose 1</i>	<ul style="list-style-type: none"> World History I (HY 103) World History II (HY 104) US History I (HY 221) US History II (HY 222)
Social & Behavioral Sciences	<i>Choose 2</i>	<ul style="list-style-type: none"> 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) Intro to Anthropology (SOC 105) Sociological Perspective on Tech and Science (SOC 150) General Psychology (PY 1010) 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 Sciences Requirements Choices

Computer Science	<i>Choose 1</i>	<ul style="list-style-type: none"> Intro to Computers & Programming (CS 100) Intro to C Programming (CS 102) Intro Prog. Using JAVA (CS 103) Intro to CS Using Python (CS 104)
Technical Writing	→	Technical Writing (EH 301) Required course for Science Majors