

Completed	Course Number	Credits	Course Name	Prerequisites, Corequisites and/or Prerequisites with Concurrency*	Semester Usually Offered
<b>Charger Foundations</b>					
<b>Area I: Freshman Composition</b> 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
<input type="checkbox"/>	EH 103	3	Accelerated College Writing	Placement*	SP
<input type="checkbox"/>	EH 105	3	Honors English Seminar	Honors	FA
<b>Area II: Fine Art and Humanities</b> 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	Public Speaking	REQUIRED (use as Non-Literature Humanity)	FA/SP/SU
<input type="checkbox"/>	*	3	Humanities/Fine Arts/Literature	See attached for choices	
<b>Area III: Math and Natural Science</b> 11-12 credits					
<b>Math</b> 3-4 credits (Choose one)					
<input type="checkbox"/>	MA 120	3	Math Professional Applications	MA 112 or Level 2 Placement	FA/SP/SU
<input type="checkbox"/>	MA 171	4	Calculus A	MA 113, MA 115 or Level 3 Placement	FA/SP/SU
<b>Lab Science</b> 8 credits - Choose one (two course) sequence:					
<input type="checkbox"/>	PH 101/101L	3/1	Gen Physics I + Lab		FA
<input type="checkbox"/>	PH 102/102L	3/1	Gen Physics II + Lab	PH 101/101L	SP
<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
<b>Area IV: History and Social &amp; Behavioral Science</b> 12 credits					
<input type="checkbox"/>		3	History	See attached for choices	
<input type="checkbox"/>	ESS 105	3	World Geography	Strongly Recommended, see attached for choices	SP
<input type="checkbox"/>	ESS 110	3	Human Geography	Strongly Recommended, see attached for choices	FA
<input type="checkbox"/>	*	3	History/Social & Behavioral Science	See attached for choices	
<b>Area V: College of Science Requirements</b> 17 Credits					
<input type="checkbox"/>	FYE 101S	1	Charger Success – Science	REQUIRED	FA/SP
<input type="checkbox"/>	CH 101/105	3/1	Intro to Chemistry + Lab	Prereq w/Conc CH 105 or MA 112	FA/SP/SU
<input type="checkbox"/>	CH 121/125	3/1	General Chemistry I + Lab	MA 112 or MA 113, 115, 120, 171 w/Conc	FA/SP/SU
<input type="checkbox"/>	CS	3	Computer Science	*See attached for choices	FA/SP/SU
<input type="checkbox"/>	EH 301	3	Technical Writing	EH 101 + 102	FA/SP/SU
<input type="checkbox"/>	MA 281	3	Elements of Statistical Analysis	MA 113, MA 115 or Level 2 Placement	FA/SP
<input type="checkbox"/>	PSC 300	3	Social Science Statistics		SP
<b>Earth System Science Major Requirements</b> 50 credits					
<b>Earth System Science Core</b> 20 credits					
<input type="checkbox"/>	ESS 103/103L	4	Environmental Earth Science + Lab		FA/SP
<input type="checkbox"/>	ESS 104/ 104L	4	Weather & Climate Change + Lab		FA/SP
<input type="checkbox"/>	ESS 209	2	Data Analysis Tools	ESS 103, ESS 104, CS 102+ w/Conc	FA/SP
<input type="checkbox"/>	ESS 301	3	Intro to Earth & Atmos Physics	ESS 103, ESS 104, PH 101 or 111, MA 120 or 171	FA/SP
<input type="checkbox"/>	ESS 303	3	Class/Physical Causes Climate	ESS 103, ESS 104, PH 101 or 111, MA 120 or 171	SP
<input type="checkbox"/>	ESS 370	3	Intro to Remote Sensing	ESS 103, ESS 111, ESS 209, PH 111, MA 172, CS 102+	FA/SP
<input type="checkbox"/>	ESS 498	1	Research & Prof Dev Capstone	Junior Standing - 61 credits	FA/SP
<b>Human Dimensions &amp; Societal Impacts Concentration</b> 18 credits					
<input type="checkbox"/>	ESS 210	3	Collapse of Civilizations		FA
<input type="checkbox"/>	ESS 305	3	Hydrology	ESS 103, ESS 104, MA 120 or 171, PH 101 or 111	SP
<input type="checkbox"/>	ESS 313	3	Geographic Information Systems	ESS 103, ESS 209, CS 102 103 or 104	FA/SP
<input type="checkbox"/>	ESS 321	3	Pollution Problems	ESS 103, ESS 104, MA 120 or 171, CH 101 or 121, PH 101 or 111	FA
<input type="checkbox"/>	ESS 402	3	Sci & Soc Aspects/ Natural Disasters	ESS 103, ESS 104	FA
<input type="checkbox"/>	ESS 407	3	Enviro Threats Public Policy/Decision Making	ESS 103	SP
<b>Human Dimensions &amp; Societal Impacts Concentration Electives</b> 12 credits					
<input type="checkbox"/>	ESS 300+	3	ESS 300 or higher	Note: One one of ESS 495, 497, OR 499 may count here	
<input type="checkbox"/>	ESS 300+	3	ESS 300 or higher		
<input type="checkbox"/>	ESS 300+	3	ESS 300 or higher		
<input type="checkbox"/>	Choose 1:	3	BYS 200+, CS 200+, HY 300+, PSC 300+, or SOC 300+		
<b>Elective Courses</b> 20-21 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"/>					
<b>Total = 128 credits to graduate</b>					
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 Requirement Choices**

<b>College Writing I &amp; II</b>	<i>Choose 1</i>	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)
<b>Fine Arts</b>	<i>Choose 1</i>	Ancient to Medieval Art (ARH 100) Renaissance to Modern Art (ARH 101) Non-Western Art (ARH 103) Theatre Appreciation (TH 122) Introduction to Drawing (ARS 160) Intro to Music Literature (MU 100)
<b>Literature</b>	<i>Choose 1</i>	Readings Literature/Culture I (EH 207) Readings Literature/Culture II (EH 208) Mythology (EH 242) Honors Literature I (EH 209) Honors Literature II (EH 210)
<b>Humanities Non-Literature</b>	<i>Required</i>	Public Speaking (CM 113) Required course for Science Majors – use as the Non-Literature Humanities
<b>Humanities/ Fine Art/ 2<sup>nd</sup> Literature</b>	<i>Choose 1</i>	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) * see above for Lit & Fine Art Courses
<b>Mathematics</b>	→	Calculus A (MA 171 or MA 171S)
<b>Natural Lab Science Sequence</b>	→	Physics w/ Calculus I & II (PH 111/114 + PH 112/115)
<b>History</b>	<i>Choose 1</i>	World History I (HY 103) World History II (HY 104)
<b>Social &amp; Behavioral Sciences</b>	<i>Choose 2</i>	Macroeconomics (ECN 142) Microeconomics (ECN 143) American Govt (PSC 101) Politics & Foreign Govt (PSC 102) International Relations (PSC 260) <b>World Geography (ESS 105)*</b> <b>Human Geography (ESS 110)*</b> Global systems & cultures (GS 200) Intro to Sociology (SOC 100) Analysis of Social Problems (SOC 102) Intro to Criminology (SOC 103) Sociological Perspective on Tech and Science (SOC 150) General Psychology (PY 101) Life Span Development (PY 201) <b>*Strongly recommended</b>
<b>History or Social &amp; Behavioral Sciences</b>	<i>Choose 1</i>	Take either 2 <sup>nd</sup> History Course <b>OR</b> 3 <sup>rd</sup> Social & Behavioral Science
<b>History or Literature Sequence</b>	<i>Required</i>	History: (HY 103 + HY 104) or (HY 221 + HY 222) <b>OR</b> Literature: Any Part I (EH 207, 242, or Honors EH 209) + Any Part II (EH 208 or honors EH 210)
<b>College of Science Requirement Choices</b>		
<b>Computer Science</b>	<i>Choose 1</i>	Intro to Computers & Programming (CS 100) Intro to C Programming (CS 102) Intro to Programming Using JAVA (CS 103) <b>Intro to CS Using Python (CS 104)* - Strongly recommended</b>
<b>Technical Writing</b>	→	Technical Writing (EH 301) Required course for Science Majors