

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					
	EH 101	3	College Writing I	<a href="#">Placement*</a>	FA/SP/SU
	EH 102	3	College Writing II	EH 101 or EH 101S	FA/SP/SU
<b>Area II: Fine Art and Humanities</b> 12 credits					
		3	Fine Art	See attached for choices	
		3	Literature	Completion of Area I	
	CM 113	3	Intro to Rhetorical Communication	REQUIRED (use as Non-Literature Humanity)	FA/SP/SU
	*	3	Humanities/Fine Arts/Literature	See attached for choices	
<b>Area III: Mathematics and Natural Science</b> 12 credits					
<b>Mathematics</b> 4 credits					
	MA 171	4	Calculus A	MA 113, 115, or Level 3 <a href="#">Placement*</a>	FA/SP/SU
<b>Physics</b> 8 credits					
	PH 111/114	3/1	Physics w/ Calculus I + Lab	MA 171	FA/SP/SU
	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					
		3	History	See attached for choices	
		3	Social & Behavioral Science		
		3	Social & Behavioral Science		
	*	3	History/Social & Behavioral Science		
<b>Area V: College of Science Requirements</b> 11 credits					
	FYE 101S	1	Charger Success – Science	REQUIRED	FA/SP
		3	Computer Science	See attached for choices	
	EH 301	3	Technical Writing	EH 101, EH 102, JR Standing (61+ credit hours)	FA/SP/SU
	MA 172	4	Calculus B	MA 171	FA/SP/SU
<b>Chemistry Major Requirements</b> 45-47 credits					
<b>Chemistry Core Courses</b> 25 credits					
	CH 121/125	3/1	General Chemistry I + Lab	MA 112, or MA 113, 115 or MA 171 w/ con	FA/SP/SU
	CH 123/126	3/1	General Chemistry II + Lab	CH 121/125	FA/SP/SU
	CH 223/224	3/1	Quantitative Analysis + Lab	CH 123/12	FA/SP
	CH 331/335	3/1	Organic Chemistry I + Lab	CH 123/126	FA/SP/SU
	CH 332	3	Organic Chemistry II	CH 331, CH 335	FA/SP/SU
	CH 361	3	General Biochemistry I	BYS 120, CH 332, CH 335	FA/SP
	CH 401	3	Inorganic Chemistry	CH 336	FA
<b>Biochemistry Concentration Courses</b> 20-22 credits					
	CH 336	1	Organic Chemistry Lab II	CH 335, Prereq w/ Con CH 332	FA/SP/SU
	CH 347/345	3/1	Biophysical Chem/Exp Phys Chem	CH 223/224, CH 332/336, PH 112/115, MA 172	FA
	CH 348/346	3/1	Biophysical Chem/Exp Phys Chem II	CH 345, CH 347	SP
	CH 362	1	General Biochemistry Lab I	CH 336 AND CH 362 w/ Con	FA/SP
	CH 363/364	3/1	General Biochemistry II	CH 361, CH 362	SP
	CH 402	1	Inorganic Chemistry Lab	CH 401	SP
	CH 421	4	Instrumental Analysis	Prereq w/ Con CH 345	FA/SP/SU
	CH 491-493	1-3	Intro to Chemical Research	Prereq w/ Con CH 345	FA/SP/SU
<b>Biology Courses</b> 23-24 credits					
	BYS 119	4	Principles of Biology + Lab		FA/SP/SU
	BYS 120	4	Organismal Biology + Lab	BYS 119	FA/SP/SU
	BYS 219	4	Genetics and Evolution + Lab	BYS 120, MA 112, CH 101/105 or CH 121/125	FA/SP/SU
	BYS 300	4	Cell & Developmental Biology + Lab	BYS 219, CH 123 or CH 201	FA/SP/SU
	BYS 321	4	General Microbiology I + Lab	Prereq w Conc BY300	FA/SP
<b>Choose 1</b>					
	BYS 430	4	Immunology	BYS 300, BY321, BY3/CH 361/362 w/ Con	SP
	BYS 464	3	Evolution	BYS 120, BY321, BY300 w/ Con	FA
<b>Elective Courses</b> 5-8 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.					
<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 Requirements Choices**

<b>College Writing I &amp; II</b>	<i>Choose 1</i>	<ul style="list-style-type: none"> <li>College Writing I &amp; II (EH 101 + 102)</li> <li>Intensive Writing &amp; Studio &amp; Freshman Comp II (EH 101S + 101L &amp; EH 102)</li> <li>Honors English Seminar (EH 105; equivalent to EH 101 &amp; EH 102)</li> <li>Accelerated College Writing (EH 103; equivalent to EH 101 &amp; EH 102)</li> </ul>
<b>Fine Arts</b>	<i>Choose 1</i>	<ul style="list-style-type: none"> <li>Ancient to Medieval Art (ARH 100)</li> <li>Renaissance to Modern Art (ARH 101)</li> <li>Non-Western Art (ARH 103)</li> <li>Theatre Appreciation (TH 122)</li> <li>Introduction to Drawing (ARS160)</li> <li>Intro to Music Literature (MU 100)</li> </ul>
<b>Literature</b>	<i>Choose 1</i>	<ul style="list-style-type: none"> <li>Readings Literature/Culture I (EH 207)</li> <li>Readings Literature/Culture II (EH 208)</li> <li>Mythology (EH 242)</li> <li>Honors Literature I (EH 209)</li> <li>Honors Literature II (EH210)</li> </ul>
<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>	<ul style="list-style-type: none"> <li>Ancient &amp; Medieval Worlds (AMS 229)</li> <li>Intro to Philosophy (PHL 101)</li> <li>Intro to Ethics (PHL 102)</li> <li>Science, Tech &amp; Human Values (PHL 150)</li> <li>Intro to Logic (PHL 201)</li> <li>Intro to Film Studies (FMA 123)</li> <li>Foreign Language (WLC 101)</li> <li>International Cinema (WLC 204)</li> <li>Intro to Women's Studies (WS 200)</li> </ul> <p>* see above for Lit &amp; Fine Art Courses</p>
<b>Mathematics</b>	→	<ul style="list-style-type: none"> <li>Calculus A (MA 171)</li> </ul>
<b>Natural Lab Science Sequence</b>	→	<ul style="list-style-type: none"> <li>Physics w/ Calculus I &amp; II (PH 111/114 + PH 112/115)</li> </ul>
<b>History</b>	<i>Choose 1</i>	<ul style="list-style-type: none"> <li>World History I (HY 103)</li> <li>World History II (HY 104)</li> <li>US History I (HY 221)</li> <li>US History II (HY 222)</li> </ul>
<b>Social &amp; Behavioral Sciences</b>	<i>Choose 2</i>	<ul style="list-style-type: none"> <li>Macroeconomics (ECN 142)</li> <li>Microeconomics (ECN 143)</li> <li>American Govt (PSC 101)</li> <li>Politics &amp; Foreign Govt (PSC 102)</li> <li>International Relations (PSC 260)</li> <li>World Geography (ESS 105)</li> <li>Human Geography (ESS 110)</li> <li>Global systems &amp; cultures (GS 200)</li> <li>Intro to Sociology (SOC 100)</li> <li>Analysis of Social Problems (SOC 102)</li> <li>Intro to Criminology (SOC 103)</li> <li>Intro to Anthropology (SOC 105)</li> <li>Sociological Perspective on Tech and Science (SOC 150)</li> <li>General Psychology (PY 1010)</li> <li>Life Span Development (PY 201)</li> </ul>
<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)

**College of Sciences Requirements Choices**

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