

Completed	Course Number	Credits	Course Name	Semester Usually Offered
<b>Charger Foundations</b>				
<b>Choose one:</b>				
<b>Area I: Freshman Composition 3-6 credits</b>				
<input type="checkbox"/>	EH 101 & EH 102	6	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
<b>Area II: Humanities and Fine Arts 12 credits</b>				
<input type="checkbox"/>		3	Fine Art	FA/SP/SU
<input type="checkbox"/>		3	Literature	FA/SP/SU
<input type="checkbox"/>		3	Non-Literature Humanity - Ethics requirement	FA/SP/SU
<input type="checkbox"/>		3	Humanities/Fine Arts/Literature	FA/SP/SU
<b>Area III: Mathematics and Sciences 11-12 credits</b>				
<b>Mathematics 4 credits</b>				
<input type="checkbox"/>	MA 171, 171S, or MA 150 & 151	4	Calculus I* Calculus I with Foundations A & B	FA/SP/SU
<b>Choose one sequence:</b>				
<b>Natural Sciences (Lab) 8 credits</b>				
<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
<b>Area IV: History and Social &amp; Behavioral Sciences 12 credits</b>				
<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
<b>Area V: Pre-Professional</b>				
<b>Additional Requirements 21 credits</b>				
<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"/>	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
<b>Major Requirements</b>				
<b>Computer Science Core 30 credits</b>				
<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
<b>Entertainment Computing Concentration Requirements 9 credits</b>				
<input type="checkbox"/>	CS 330	3	Artificial Intelligence & Game Development	FA/SP
<input type="checkbox"/>	CS 347	3	Intro to Video Game Design & Programming	FA/SP
<input type="checkbox"/>	CS 445	3	Intro to Computer Graphics	FA/SP
<b>Entertainment Computing Concentration Elective Requirements 9+ credits</b>				
<input type="checkbox"/>		3	Dramatic Media Elements	FA/SP
<input type="checkbox"/>	CS 371	3	Mobile Computing App Inct & Design	FA
<input type="checkbox"/>	CS 443	3	Intro to Multimedia Systems	SP
<b>General Electives</b>				
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.				
<b>Total = 120+ credits to graduate</b>				
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: <a href="https://www.uah.edu/admissions/undergraduate/admitted-students/academic-placement">https://www.uah.edu/admissions/undergraduate/admitted-students/academic-placement</a>				

### Charger Foundations Choices

<b>Freshman Composition</b>	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)	
<b>Fine Arts</b>	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)	
<b>Literature</b>	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)
<b>Humanities (Non-Literature)</b>	Choose 2 one must be Ethics requirement	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) <b>Intro to Ethics (PHL 102)</b> Intro to Logic (PHL 103) <b>Science, Tech &amp; Human Values (PHL 150)</b> Theatre Appreciation (TH 122) Intro to Women's Studies (WGS 200) Foreign Language (WLC 101) International Cinema (WLC 204)
<b>Mathematics</b>	Choose 1	Calculus I (MA 171, 171S) or Calculus I with Foundations A & B (MA 150 & MA 151)	
<b>Natural Sciences (Lab) Sequence</b>	Choose one 2-course sequence	Environmental Earth Science (AES 103/103L) <b>and</b> Weather & Climate Change (AES 104/104L) Principles of Biology (BYS 119/121) <b>and</b> Organismal Biology (BYS 120/122) General Chemistry I (CH 121/125) <b>and</b> General Chemistry II (CH 123/126) General Physics w/ Calculus I (PH 111/114) <b>and</b> General Physics w/ Calculus II (PH 112/115)	
<b>History</b>	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)
<b>Social &amp; Behavioral Sciences</b>	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 2<sup>nd</sup> Literature **AND** History or Social & Behavioral Science

Take a 2<sup>nd</sup> History **AND** Fine Arts or Non-Literature Humanities or Literature Humanities

### Dramatic Media Elements Choices

<b>Dramatic Media Elements</b>	Choose 1	Animation: Introduction (ARS 220) Graphic Design: Introduction (ARS 230) Photography: Introduction (ARS 250) Animation: Organic Modeling (ARS 321) Animation: 3D Animation (ARS 322) Animation: Technical Arts (ARS 324) Animation: Visual Story Development (ARS 327) Animation: Concept Art (ARS 328)	Graphic Design: Web User Experience I (ARS 334) Photo: Digital I (ARS 350) Photo: Documentary (ARS 355) Multimedia I (ARS 393) Music Technology IV (MU 306) Special Topics in Comm Arts (CM 340) Fiction Writing (EH 410) Elements of Theatre Production (TH 225)
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