

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
<input type="checkbox"/>	EH 103	3	Accelerated College Writing	Placement*	SP
<input type="checkbox"/>	EH 105	3	Honors English Seminar	Honors	FA
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	Public Speaking	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 11-12 credits					
Mathematics 3-4 credits – choose one					
<input type="checkbox"/>	MA 120	3	Math Professional Applications	MA 107, 110, 112, or Level 2 Placement*	FA/SP/SU
<input type="checkbox"/>	MA 171	4	Calculus A	MA 113, 115, or Level 3 Placement*	FA/SP/SU
Physics 8 credits – choose one 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
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 14-18 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)	
Additional Chemistry Requirements 8-12 credits – choose one sequence					
<input type="checkbox"/>	CH 101/105	3/1	Intro to Chemistry + Lab	Prereq w/ Con: CH 105, MA 112	FA/SP/SU
<input type="checkbox"/>	CH 121/125	3/1	General Chemistry I + Lab	MA 112, 113, 115, 120, 171	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 201/205	3/1	Elementary Organic Chemistry + Lab	CH 101/105 or CH 121/125	FA/SP/SU
<input type="checkbox"/>	CH 331/335	3/1	Organic Chemistry I + Lab	CH 123/126	FA/SP/SU
Biology Major Requirements 36 credits					
Biology Core 18 credits					
<input type="checkbox"/>	BYS 119/L/R	4	Principles of Biology + Lab + Recitation		FA/SP/SU
<input type="checkbox"/>	BYS 120/L/R	4	Organismal Biology + Lab + Recitation		FA/SP/SU
<input type="checkbox"/>	BYS 219/L/R	4	Genetics & Evolution + Lab + Recitation	BYS 120, MA 107 or higher, CH 101 or 121	FA/SP/SU
<input type="checkbox"/>	BYS 300/L	4	Cell & Developmental Biology + Lab	BYS 219, CH 125 or 201	FA/SP/SU
<input type="checkbox"/>	BYS 490	2	Senior Seminar	BYS 119, 120, 219, 300	FA/SP/SU
Biology Electives Requirements 18 credits					
<input type="checkbox"/>				Choose 18 credits of BYS classes, ideally 300 level or higher	
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
Elective Courses 32+ credits					
Elective courses can be taken from any department and do not have to be taken in your major or minor.					
8-12 credits of the total must be taken at 300 level or higher.					
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"/>					
<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 Requirement Choices

College Writing I & II	<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)
Fine Arts	<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)
Literature	<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)
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>	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
Mathematics	→	Calculus A (MA 171 or MA 171S)
Natural Lab Science Sequence	→	Physics w/ Calculus I & II (PH 111/114 + PH 112/115)
History	<i>Choose 1</i>	World History I (HY 103) World History II (HY 104)
Social & Behavioral Sciences	<i>Choose 2</i>	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) Sociological Perspective on Tech and Science (SOC 150) General Psychology (PY 101) 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 Science Requirement Choices

Computer Science	<i>Choose 1</i>	Intro to Computers & Programming (CS 100) Intro to C Programming (CS 102) Intro to Programming Using JAVA (CS 103) Intro to CS Using Python (CS 104)
Technical Writing	→	Technical Writing (EH 301) Required course for Science Majors

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
<input type="checkbox"/>	EH 103	3	Accelerated College Writing	Placement*	SP
<input type="checkbox"/>	EH 105	3	Honors English Seminar	Honors	FA
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	Public Speaking	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 – choose one sequence					
<input type="checkbox"/>	PH 101/L	3/1	Gen Physics I + Lab		FA
<input type="checkbox"/>	PH 102/L	3/1	Gen Physics II + Lab	PH 101/L	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
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 7 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
Biology Major Requirements 36-37 credits					
Biology Core 18 credits					
<input type="checkbox"/>	BYS 119/L/R	4	Principles of Biology + Lab + Recitation		FA/SP/SU
<input type="checkbox"/>	BYS 120/L/R	4	Organismal Biology + Lab + Recitation		FA/SP/SU
<input type="checkbox"/>	BYS 219/L/R	4	Genetics & Evolution + Lab + Recitation	BYS 120, MA 107 or higher, CH 101 or 121	FA/SP/SU
<input type="checkbox"/>	BYS 300/L	4	Cell & Developmental Biology + Lab	BYS 219, CH 125 or 201	FA/SP/SU
<input type="checkbox"/>	BYS 490	2	Senior Seminar	BYS 119, BYS 120, BYS 219, BYS 300	FA/SP/SU
Pre-Professional Health Concentration Courses 18-19 credits					
<input type="checkbox"/>	BYS 321/L	4	General Microbiology	BYS 120, BYS 219, BYS 300	FA/SP
<input type="checkbox"/>	BYS 361	3	General Biochemistry I	BYS 119, BYS 120, CH 335, CH 332	FA/SP
<input type="checkbox"/>	BYS 300+	3	BYS Course	Choose one additional 300+ course	
Choose 1 Sequence from below:					
<input type="checkbox"/>	BYS 215	4	Human Anatomy and Phys I	BYS 119, (CH101/105 or CH 121/125)	FA/SP/SU
<input type="checkbox"/>	BYS 216	4	Human Anatomy and Phys II	BYS 215	FA/SP/SU
<input type="checkbox"/>	BYS 313	4	Anatomy and Phys I + Lab	BYS 119, conc. BYS 300, CH 201 or CH 331	FA
<input type="checkbox"/>	BYS 314	4	Anatomy and Phys II + Lab	BYS 313	SP
<input type="checkbox"/>	BYS 318	3	Vertebrate Reproduction	BYS 120, BYS 219, BYS 300 (w/conc)	FA
<input type="checkbox"/>	BYS 317	5	Vertebrate Zoology	BYS 120, BYS 219, BYS 300 (w/conc)	SP
Chemistry Minor Courses 21 credits					
<input type="checkbox"/>	CH 121/125	3/1	Gen Chemistry I + Lab	CH 101+, MA 113 115 or 120 or Level 3 Placement	FA/SP/SU
<input type="checkbox"/>	CH 123/126	3/1	Gen 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 332/336	3/1	Organic Chemistry II + Lab	CH 331/335	FA/SP/SU
<input type="checkbox"/>	CH 362	1	Gen Biochemistry Lab I	CH 335, CH 332	FA/SP
Elective Courses 22-23 credits					
Elective courses can be taken from any department and do not have to be taken in your major or minor. 3-11 credits of the total must be taken at 300 level or higher. 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 Requirement Choices

College Writing I & II	<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)
Fine Arts	<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)
Literature	<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)
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>	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
Mathematics	→	Calculus A (MA 171 or MA 171S)
Natural Lab Science Sequence	→	Physics w/ Calculus I & II (PH 111/114 + PH 112/115)
History	<i>Choose 1</i>	World History I (HY 103) World History II (HY 104)
Social & Behavioral Sciences	<i>Choose 2</i>	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) Sociological Perspective on Tech and Science (SOC 150) General Psychology (PY 101) 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 Science Requirement Choices

Computer Science	<i>Choose 1</i>	Intro to Computers & Programming (CS 100) Intro to C Programming (CS 102) Intro to Programming Using JAVA (CS 103) Intro to CS Using Python (CS 104)
Technical Writing	→	Technical Writing (EH 301) Required course for Science Majors

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
<input type="checkbox"/>	EH 103	3	Accelerated College Writing	Placement*	SP
<input type="checkbox"/>	EH 105	3	Honors English Seminar	Honors	FA
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	Public Speaking	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 16 credits					
Mathematics 8 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 11 credits					
<input type="checkbox"/>	FYE 101S	1	Charger Success – Science	REQUIRED	FA/SP
<input type="checkbox"/>	MA 172	4	Calculus B	MA 171	FA/SP/SU
<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
Biology Major Requirements 36 credits					
Biology Core 18 credits					
<input type="checkbox"/>	BYS 119/L/R	4	Principles of Biology + Lab + Recitation		FA/SP/SU
<input type="checkbox"/>	BYS 120/L/R	4	Organismal Biology + Lab + Recitation		FA/SP/SU
<input type="checkbox"/>	BYS 219/L/R	4	Genetics & Evolution + Lab + Recitation	BYS 120, MA 107 or higher, CH 101 or 121	FA/SP/SU
<input type="checkbox"/>	BYS 300/L	4	Cell & Developmental Biology + Lab	BYS 219, CH 125 or 201	FA/SP/SU
<input type="checkbox"/>	BYS 490	2	Senior Seminar	BYS 119, BYS 120, BYS 219, BYS 300	FA/SP/SU
Biochemistry Concentration Requirements 18 credits					
<input type="checkbox"/>	BYS 321/L	4	General Microbiology + Lab	BYS 120, BYS 219, BYS 300	FA/SP
<input type="checkbox"/>	BYS 361/362	3/1	Gen Biochemistry I + Lab	BYS 119, BYS 120, CH 335, CH 332	FA/SP
<input type="checkbox"/>	BYS 363/365	3/1	GEn Biochemistry II + Lab	BYS 361/362	SP
<input type="checkbox"/>				Choose 7 more credits of Biology Electives ideally 300 level or higher	
<input type="checkbox"/>					
Chemistry Minor Courses 21 credits					
<input type="checkbox"/>	CH 121/125	3/1	Gen Chemistry I + Lab	CH 101+, MA 113 115 or 120 or Level 3 Placement	FA/SP/SU
<input type="checkbox"/>	CH 123/126	3/1	Gen 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 332/336	3/1	Organic Chemistry II + Lab	CH 331/335	FA/SP/SU
<input type="checkbox"/>	CH 362	1	Gen Biochemistry Lab 1	Chemistry course or lab 300+	FA/SP
Elective Courses 15 credits					
Elective courses can be taken from any department and do not have to be taken in your major or minor.					
3 credits of the total must be taken at 300 level or higher.					
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"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
Total = 128 credits to graduate					
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Literature	<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)
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Humanities/ Fine Art/ 2nd Literature	<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
Mathematics	→	Calculus A (MA 171 or MA 171S)
Natural Lab Science Sequence	→	Physics w/ Calculus I & II (PH 111/114 + PH 112/115)
History	<i>Choose 1</i>	World History I (HY 103) World History II (HY 104)
Social & Behavioral Sciences	<i>Choose 2</i>	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) Sociological Perspective on Tech and Science (SOC 150) General Psychology (PY 101) 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 Science Requirement Choices

Computer Science	<i>Choose 1</i>	Intro to Computers & Programming (CS 100) Intro to C Programming (CS 102) Intro to Programming Using JAVA (CS 103) Intro to CS Using Python (CS 104)
Technical Writing	→	Technical Writing (EH 301) Required course for Science Majors

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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
<input type="checkbox"/>	EH 103	3	Accelerated College Writing	Placement*	SP
<input type="checkbox"/>	EH 105	3	Honors English Seminar	Honors	FA
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	Public Speaking	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 11-12 credits					
Mathematics 3-4 credits (Choose one)					
<input type="checkbox"/>	MA 120	3	Math Professional Applications	MA 107, 110, or 112 or Level 2 Placement	FA/SP/SU
<input type="checkbox"/>	MA 171	4	Calculus A	MA 113, 115, or Level 3 Placement*	FA/SP/SU
Physics 8 credits – Choose one sequence					
<input type="checkbox"/>	PH 101/L	3/1	Gen Physics I + Lab		FA
<input type="checkbox"/>	PH 102/L	3/1	Gen Physics II + Lab	PH 101/L	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
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 7 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
Biology Major Requirements 36 credits					
Biology Core 18 credits					
<input type="checkbox"/>	BYS 119/L/R	4	Principles of Biology + Lab + Recitation		FA/SP/SU
<input type="checkbox"/>	BYS 120/L/R	4	Organismal Biology + Lab + Recitation		FA/SP/SU
<input type="checkbox"/>	BYS 219/L/R	4	Genetics & Evolution + Lab + Recitation	BYS 120, MA 107 or higher, CH 101 or 121	FA/SP/SU
<input type="checkbox"/>	BYS 300/L	4	Cell & Developmental Biology + Lab	BYS 219, CH 125 or 201	FA/SP/SU
<input type="checkbox"/>	BYS 490	2	Senior Seminar	BYS 119, BYS 120, BYS 219, BYS 300	FA/SP/SU
Biochemistry Elective Courses 18 credits					
<input type="checkbox"/>				Choose BYS classes ideally 300 level or higher Ex: BYS 313, BYS 321, BYS 302	
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
Chemistry Minor Courses 21 credits					
<input type="checkbox"/>	CH 121/125	3/1	Gen Chemistry I + Lab	CH 101+, MA 113 115 or 120 or Level 3 Placement	FA/SP/SU
<input type="checkbox"/>	CH 123/126	3/1	Gen 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 332/336	3/1	Organic Chemistry II + Lab	CH 331/335	FA/SP/SU
<input type="checkbox"/>	**CH 300+	1		Chemistry course or lab 300+	
**BYS 361 - Gen Biochemistry I + Gen Biochemistry Lab I recommended (Pre Reqs: BYS 119 (D-), BYS 120 (D-), CH 335, CH 332)					
Elective Courses 23-24 credits					
Elective courses can be taken from any department and do not have to be taken in your major or minor. 3 credits of the total must be taken at 300 level or higher. 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"/>					
<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 Requirement Choices

College Writing I & II	<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)
Fine Arts	<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)
Literature	<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)
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>	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
Mathematics	→	Calculus A (MA 171 or MA 171S)
Natural Lab Science Sequence	→	Physics w/ Calculus I & II (PH 111/114 + PH 112/115)
History	<i>Choose 1</i>	World History I (HY 103) World History II (HY 104)
Social & Behavioral Sciences	<i>Choose 2</i>	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) Sociological Perspective on Tech and Science (SOC 150) General Psychology (PY 101) 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 Science Requirement Choices

Computer Science	<i>Choose 1</i>	Intro to Computers & Programming (CS 100) Intro to C Programming (CS 102) Intro to Programming Using JAVA (CS 103) Intro to CS Using Python (CS 104)
Technical Writing	→	Technical Writing (EH 301) Required course for Science Majors

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
<input type="checkbox"/>	EH 103	3	Accelerated College Writing	Placement*	SP
<input type="checkbox"/>	EH 105	3	Honors English Seminar	Honors	FA
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	Public Speaking	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 11-12 credits					
Mathematics 3-4 credits					
<input type="checkbox"/>	MA 120	3	Math Professional Applications	MA 107, 110, or 112 or Level 2 Placement	FA/SP/SU
<input type="checkbox"/>	MA 171	4	Calculus A	MA 113, 115, or Level 3 Placement*	FA/SP/SU
Physics 8 credits – choose one sequence					
<input type="checkbox"/>	PH 101/L	3/1	Gen Physics I + Lab		FA
<input type="checkbox"/>	PH 102/L	3/1	Gen Physics II + Lab	PH 101/L	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
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 7 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
Biology Major Requirements 36 credits					
Biology Core 18 credits					
<input type="checkbox"/>	BYS 119/L/R	4	Principles of Biology + Lab + Recitation		FA/SP/SU
<input type="checkbox"/>	BYS 120/L/R	4	Organismal Biology + Lab + Recitation		FA/SP/SU
<input type="checkbox"/>	BYS 219/L/R	4	Genetics & Evolution + Lab + Recitation	BYS 120, MA 107 or higher, CH 101 or 121	FA/SP/SU
<input type="checkbox"/>	BYS 300/L	4	Cell & Developmental Biology + Lab	BYS 219, CH 125 or 201	FA/SP/SU
<input type="checkbox"/>	BYS 490	2	Senior Seminar	BYS 119, BYS 120, BYS 219, BYS 300	FA/SP/SU
Biology Elective Courses 18 credits					
<input type="checkbox"/>	BYS 321/L	4	General Microbiology	BYS 120, BYS 219, BYS 300	FA/SP
<input type="checkbox"/>	BYS 419	3	Microbial Genetics	BYS 219, BYS 300, BYS 321	FA
<input type="checkbox"/>	BYS 361	3	Gen Biochemistry I	BYS 119, BYS 120, CH 335, CH 332	FA/SP
<input type="checkbox"/>	BYS 430	4	Immunology	BYS 219, BYS 300, BYS 321, BYS 361	SP
<input type="checkbox"/>				4 credits BYS Elective, ideally 300+	
Chemistry Minor Courses 21 credits					
<input type="checkbox"/>	CH 121/125	3/1	Gen Chemistry I + Lab	CH 101+, MA 113 115 or 120 or Level 3 Placement	FA/SP/SU
<input type="checkbox"/>	CH 123/126	3/1	Gen 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 332/336	3/1	Organic Chemistry II + Lab	CH 331/335	FA/SP/SU
<input type="checkbox"/>	CH 362	1	Gen Biochemistry Lab I	CH 335, CH 332	FA/SP
Elective Courses 23-24 credits					
Elective courses can be taken from any department and do not have to be taken in your major or minor. 3 credits of the total must be taken at 300 level or higher. 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"/>					
<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 Requirement Choices

College Writing I & II	<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)
Fine Arts	<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)
Literature	<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)
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>	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
Mathematics	→	Calculus A (MA 171 or MA 171S)
Natural Lab Science Sequence	→	Physics w/ Calculus I & II (PH 111/114 + PH 112/115)
History	<i>Choose 1</i>	World History I (HY 103) World History II (HY 104)
Social & Behavioral Sciences	<i>Choose 2</i>	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) Sociological Perspective on Tech and Science (SOC 150) General Psychology (PY 101) 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 Science Requirement Choices

Computer Science	<i>Choose 1</i>	Intro to Computers & Programming (CS 100) Intro to C Programming (CS 102) Intro to Programming Using JAVA (CS 103) Intro to CS Using Python (CS 104)
Technical Writing	→	Technical Writing (EH 301) Required course for Science Majors

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
<input type="checkbox"/>	EH 103	3	Accelerated College Writing	Placement*	SP
<input type="checkbox"/>	EH 105	3	Honors English Seminar	Honors	FA
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	Public Speaking	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 11-12 credits					
Mathematics 3-4 credits – Choose one					
<input type="checkbox"/>	MA 120	3	Math Professional Applications	MA 107, 110, 112, or Level 2 Placement*	FA/SP/SU
<input type="checkbox"/>	MA 171	4	Calculus A	MA 113, 115, or Level 3 Placement*	FA/SP/SU
Physics 8 credits – Choose one 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
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 18-22 credits					
<input type="checkbox"/>	FYE 101S	1	Charger Success – Science	REQUIRED	FA/SP
<input type="checkbox"/>	MA 281	3	Elem. of Statistical Analysis	MA 113, 115, or Level 2 Placement	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
Additional Chemistry Requirements 8-12 credits – choose one sequence					
<input type="checkbox"/>	CH 101/105	3/1	Intro to Chemistry + Lab	Prereq w/ Con: CH 105, MA 112	FA/SP/SU
<input type="checkbox"/>	CH 201/205	3/1	Elem Organic Chem + Lab	CH 101/105 or CH 121/125	FA/SP
<input type="checkbox"/>	CH 121/125	3/1	Gen Chemistry I + Lab	MA 112 (C or higher) or MA 113, 115, 120, 171	FA/SP/SU
<input type="checkbox"/>	CH 123/126	3/1	Gen Chem II + Lab	CH 121/125	FA/SP/SU
<input type="checkbox"/>	CH 331/335	3/1	Organic Chemistry I + Lab	CH 123/126	FA/SP/SU
Biology Major Requirements 36 credits					
Biology Core 18 credits					
<input type="checkbox"/>	BYS 119/L/R	4	Principles of Biology + Lab + Recitation		FA/SP/SU
<input type="checkbox"/>	BYS 120/L/R	4	Organismal Biology + Lab + Recitation		FA/SP/SU
<input type="checkbox"/>	BYS 219/L/R	4	Genetics & Evolution + Lab + Recitation	BYS 120, MA 107 or higher, CH 101 or 121	FA/SP/SU
<input type="checkbox"/>	BYS 300/L	4	Cell & Developmental Biology + Lab	BYS 219, CH 125 or 201	FA/SP/SU
<input type="checkbox"/>	BYS 490	2	Senior Seminar	BYS 119, BYS 120, BYS 219, BYS 300	FA/SP/SU
Biology Electives Requirements 18 credits					
<input type="checkbox"/>	BYS 312	4	Principles of Ecology	BYS 120, BYS 219	FA
<input type="checkbox"/>	BYS 321/L	4	General Microbiology + Lab	BYS 120, BYS 219, BYS 300	FA/SP
<input type="checkbox"/>	BYS 364	3	Biogeography	BYS 120, BYS219, BYS 300 (BYS 312 rec)	SP
<input type="checkbox"/>	BYS 464	3	Evolution	BYS 120, BYS 219, BYS 300	FA
<input type="checkbox"/>	BYS 465	4	Molecular Methods Ecology & Evolution	BYS 464	SP
Elective Courses 29-34 credits					
Elective courses can be taken from any department and do not have to be taken in your major or minor.					
8-12 credits of the total must be taken at 300 level or higher.					
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"/>					
<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 Requirement Choices

College Writing I & II	<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)
Fine Arts	<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)
Literature	<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)
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>	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
Mathematics	→	Calculus A (MA 171 or MA 171S)
Natural Lab Science Sequence	→	Physics w/ Calculus I & II (PH 111/114 + PH 112/115)
History	<i>Choose 1</i>	World History I (HY 103) World History II (HY 104)
Social & Behavioral Sciences	<i>Choose 2</i>	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) Sociological Perspective on Tech and Science (SOC 150) General Psychology (PY 101) 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 Science Requirement Choices

Computer Science	<i>Choose 1</i>	Intro to Computers & Programming (CS 100) Intro to C Programming (CS 102) Intro to Programming Using JAVA (CS 103) Intro to CS Using Python (CS 104)
Technical Writing	→	Technical Writing (EH 301) Required course for Science Majors

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
<input type="checkbox"/>	EH 103	3	Accelerated College Writing	Placement*	SP
<input type="checkbox"/>	EH 105	3	Honors English Seminar	Honors	FA
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	Public Speaking	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 11-12 credits					
Mathematics 3-4 credits					
<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, 115, or Level 3 Placement*	FA/SP/SU
Physics 8 credits – choose one sequence					
<input type="checkbox"/>	PH 101/L	3/1	Gen Physics I + Lab		FA
<input type="checkbox"/>	PH 102/L	3/1	Gen Physics II + Lab	PH 101/L	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
Area IV: History and Social & Behavioral Science 12 credits					
<input type="checkbox"/>		3	History	See attached for choices	
<input type="checkbox"/>	PY 101	3	General Psychology I	REQUIRED	FA/SP/SU
<input type="checkbox"/>	PY 201	3	Life Span Development	REQUIRED; Prereq PY 101	FA/SP/SU
<input type="checkbox"/>	*	3	History/Social & Behavioral Science		
Area V: College of Science Requirements 7 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
Biology Major Requirements 36 credits					
Biology Core 18 credits					
<input type="checkbox"/>	BYS 119/L/R	4	Principles of Biology + Lab + Recitation		FA/SP/SU
<input type="checkbox"/>	BYS 120/L/R	4	Organismal Biology + Lab + Recitation		FA/SP/SU
<input type="checkbox"/>	BYS 219/L/R	4	Genetics & Evolution + Lab + Recitation	BYS 120, MA 107 or higher, CH 101 or 121	FA/SP/SU
<input type="checkbox"/>	BYS 300/L	4	Cell & Developmental Biology + Lab	BYS 219, CH 125 or 201	FA/SP/SU
<input type="checkbox"/>	BYS 490	2	Senior Seminar	BYS 119, BYS 120, BYS 219, BYS 300	FA/SP/SU
Biology Elective Courses 18 credits					
<input type="checkbox"/>	BYS 312	4	Principles of Ecology + Lab	BYS 120, BYS 219	FA
<input type="checkbox"/>	BYS 321	4	General Microbiology I + Lab	BYS 219, Prereq w/ Conc BYS 300	FA/SP
<input type="checkbox"/>				10 credits in BYS 300 level or higher	
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
Chemistry Courses 11 credits					
<input type="checkbox"/>	CH 101/105	3/1	Intro to Chemistry + Lab	Prereq w/Conc: CH 105, MA 112	FA/SP/SU
<input type="checkbox"/>	CH 201/205	3/1	Elem Organic Chemistry + Lab	CH 101/105 or CH 121/125	FA/SP/SU
<input type="checkbox"/>	CH 301	3	Elementary Biochemistry	BYS 120, CH 201/205 or CH 331/335	FA/SP

Education Concentration Courses 40 credits					
<input type="checkbox"/>	ED 301	1	Intro to Education	Block 1 +65 hours of field experience	FA/SP
<input type="checkbox"/>	ED 307	3	Multicultural Fnd Education		
<input type="checkbox"/>	ED 308	3	Educational Psychology		
<input type="checkbox"/>	EDC 301	3	Teaching Exceptional Child		
<input type="checkbox"/>	EDC311	3	Instr Strategies Inclusive Clr		
Choose 1					
<input type="checkbox"/>	ED 410	3	Foundations Educat Eval	Block 2 + 65 hours of field experience	FA/SP
<input type="checkbox"/>	ED 423	3	Teaching Science in Middle & Sec		
<input type="checkbox"/>	ED 350	3	Technology in the Classroom		
<input type="checkbox"/>	ED 309	3	Classroom Management		
Choose 1					
<input type="checkbox"/>	ED 408	3	Tchg Reading/Content Area	Block 3 +65 hours of field experience	FA/SP
<input type="checkbox"/>	ED 350	3	Technology in the Classroom		
<input type="checkbox"/>	ED 309	3	Classroom Management		
<input type="checkbox"/>	ED 497	12	Internship/Student Teaching	Block 4	FA/SP
Elective Courses 13-15 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"/>					
<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.

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*Placement Requirements: <https://www.uah.edu/admissions/undergraduate/admitted-students/academic-placement>

Charger Foundations Requirement Choices

College Writing I & II	<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)
Fine Arts	<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)
Literature	<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)
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>	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
Mathematics	→	Calculus A (MA 171 or MA 171S)
Natural Lab Science Sequence	→	Physics w/ Calculus I & II (PH 111/114 + PH 112/115)
History	<i>Choose 1</i>	World History I (HY 103) World History II (HY 104)
Social & Behavioral Sciences	<i>Choose 2</i>	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) Sociological Perspective on Tech and Science (SOC 150) General Psychology (PY 101) 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 Science Requirement Choices

Computer Science	<i>Choose 1</i>	Intro to Computers & Programming (CS 100) Intro to C Programming (CS 102) Intro to Programming Using JAVA (CS 103) Intro to CS Using Python (CS 104)
Technical Writing	→	Technical Writing (EH 301) Required course for Science Majors