

Completed	Course Number	Credits	Course Name	Semester Usually Offered
Charger Foundations				
Choose one:				
Area I: Freshman Composition 6 credits				
☐	EH 101 & EH 102	6	College Writing I & II	FA/SP/SU
Area II: Humanities and Fine Arts 12 credits				
☐		3	Fine Art	FA/SP/SU
☐		3	Literature	FA/SP/SU
☐		3	Non-Literature Humanity - Filled by CYB Ethics Requirements	FA/SP/SU
☐		3	Humanities/Fine Art/Literature	FA/SP/SU
Area III: Mathematics and Sciences 12-14 credits				
Mathematics 4-6 credits				
☐	MA 171 or MA 171S or MA 150 & 151	4-6	Calculus I or Calculus I with Foundations A & B	FA/SP/SU
Natural Sciences (Lab) 8 credits				
☐	AES 103/103L & AES 104/104L	4 4	Environmental Earth Science + Lab & Weather and Climate Change + Lab	FA/SP/SU
☐	AST 106/106L & AST 107/107L	4 4	Exploring the Cosmos I + Lab & Exploring the Cosmos II + Lab	FA SP
☐	BYS 119/121 & BYS 120/122	3/1 3/1	Principles of Biology + Lab & Organismal Biology + Lab	FA/SP/SU
☐	CH 121/125 & CH 123/126	3/1 3/1	General Chemistry I + Lab & General Chemistry II + Lab	FA/SP/SU
☐	PH 101/101L & PH 102/102L	4 4	General Physics I + Lab & General Physics II + Lab	FA SP
☐	PH 111/114 & PH 112/115	3/1 3/1	General Physics with Calculus I + Lab & General Physics with Calculus II + Lab	FA/SP/SU
Area IV: History and Social & Behavioral Sciences 12 credits				
☐		3	History	FA/SP/SU
☐		3	Social & Behavioral Science	FA/SP
☐		3	Social & Behavioral Science	FA/SP
☐		3	History/Social & Behavioral Science	FA/SP/SU
Area V: Pre-Professional				
Additional Requirements 10 credits				
☐	FYE 101S	1	Charger Success - Science	FA
☐		3	Ethics Requirement	FA/SP
☐	EH 301	3	Technical Writing	FA/SP/SU
☐		3	Statistics	FA/SP/SU
Community College Major Requirements				
Computer Information Systems Core 30 credits				
☐	CIS 134	3	IT Fundamentals (CompTIA ITF+)	
☐	CIS 171	3	Linux I	
☐	CIS 202	3	Python Programming	
☐	CIS 251	3	C++ Programming	
☐	CIS 270	3	Cisco CCNA I	
☐	CIS 271	3	Cisco CCNA II	
☐	CIS 272	3	Cisco CCNA III	
☐	CIS 280	3	Network Security (CompTIA Security+)	
☐	CIS 282	3	Computer Forensics	
☐	CIS 267 or CIS 276	3	Enterprise Virtualization or Server Administration	
UAH Major Requirements				
Cyber Operations Technology Core 24 credits				
☐	CYB 201	3	C++ Data Structures	FA/SP/SU
☐	CYB 305	3	Discrete Math and Algorithms	FA/SP/SU
☐	CYB 311	3	Basic HW and Assembly Language	FA/SP
☐	CYB 409	3	Basic Operating Systems	FA/SP
☐	CYB 411	3	Database Systems	SP
☐	CYB 415	3	Basic Cybersecurity	FA/SP
☐	CYB 416	3	Network Based Security	FA/SP
☐	CYB 452	3	Web Security & Cloud	FA
Cyber Operations Technology Elective Requirements 6 credits				
Choose one sequence from the CYB courses below				
☐	CYB 461 & CYB 462	6	Cellular and Mobile Technologies/Advanced Digital Forensics	FA/SP
☐	CYB 471 & CYB 472	6	Malware Analysis I & II	FA/SP
General Electives				
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.				
Total = 120+ credits to graduate				
36 of the 120 credits must be taken at the 300 level or higher. All prerequisite classes must be completed with a "C-" or higher grade. The UAH Catalog is the final authority for all degree requirements.				

Charger Foundations Choices

Freshman Composition	Choose 1	College Writing I & II (EH 101 + 102) Accelerated College Writing (EH 103; equivalent to EH 101 & EH 102) Honors English Seminar (EH 105; equivalent to EH 101 & EH 102)
Fine Arts	Choose 1	Ancient & Medieval Art (ARH 100) Renaissance to Modern Art (ARH 101) World Art (ARH 103) Drawing: Foundations (ARS 160) Intro to Film Studies (FMA 1230) Intro to Music Literature (MU 100) Theatre Appreciation (TH 122)
Literature	Choose 1 or 2	Readings in Literature & Culture I (EH 207) Readings in 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)
Humanities (Non-Literature)	Choose 1 or 2 One must satisfy the ethics requirement	Ancient & Medieval Art (ARH 100) Renaissance to Modern Art (ARH 101) World Art (ARH 103) Drawing: Foundations (ARS 160) Intro to Film Studies (FMA 123) Intro to Music Literature (MU 100) Theatre Appreciation (TH 122) Ancient & Medieval Worlds (AMS 229) Public Speaking (CM 113) Intro to Philosophy (PHL 101) Intro to Ethics (PHL 102) Intro to Logic (PHL 103) Tech, Science, & Human Values (PHL 150) Intro to Women's Studies (WGS 200) Foreign Language (WLC 101) International Cinema (WLC 204)
Mathematics	Choose 1	Calculus I with Foundations A & B (MA 150 & MA 151) or Calculus I (MA 171 or MA 171S)
Natural Sciences (Lab) Sequence	Choose 1 sequence	Environmental Earth Science (AES 103/103L) + Weather & Climate Change (AES 104/104L) Exploring the Cosmos I (AST 106/106L) + Exploring the Cosmos II (AST 107/107L) Principles of Biology (BYS 119/121) + Organismal Biology (BYS 120/122) General Chemistry I (CH 121/125) + General Chemistry II (CH 123/126) General Physics I (PH 101/101L) and General Physics II (PH 102/102L) General Physics with Calculus I (PH 111/114) and General Physics with Calculus II (PH 112/115)
History	Choose 1 or 2	World History to 1500 (HY 103) World History since 1500 (HY 104) United States to 1877 (HY 221) United States since 1877 (HY 222)
Social & Behavioral Sciences	Choose 2 or 3	World Geography (AES 105) Human Geography (AES 110) Global Systems & Cultures (GS 200) Macroeconomics (ECN 142) Microeconomics (ECN 143) Intro to American Government (PSC 101) Intro to Comparative Politics (PSC 102) Intro to International Relations (PSC 260) General Psychology I (PY 101) Life-Span Development (PY 201) Intro to Sociology (SOC 100) Intro to Criminology (SOC 103) Intro Justice & Equity Studies (JES 200)

**Students must take one literature and one history course.
Students must also take either a second literature or history course to complete a sequence.**

Statistics Choices

Statistics	Choose 1	Business Statistics (BUS 271 at Community College) Elements of Statistical Analysis (MA 281)
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AP/IB Credit Information:



Transfer & Dual Enrollment Credit Information:

