

Course Title	ACC Course	UAH Equivalent	STARS Area	Hours	Is course required?:
English Composition Courses					
English Composition I	ENG 101	EH 101	Area I	3	Yes
English Composition II	ENG 102	EH 102	Area I	3	Yes
** A sequence in History or Literature is required Humanities and Fine Arts Courses (12 Hours)					
Literature	ENG 251, 261, 271	EH 207	Area II	3	Yes
	ENG 252, 262, 272	EH 208	Area II		
Fine Art	ART 100	ARH 1XX	Area II	3	Yes
	ART 203	ARH 100	Area II		
	ART 204	ARH 101	Area II		
	MUS 101	MU 100	Area II		
	THR 120	CM 122	Area II		
Speech	SPH 107	CM 113	Area II	3	Yes
Humanity/ Fine Art/Literature**	Choose 3 hours from: Art Appreciation, Art History, Lit, Foreign Language, Music Appreciation, Philosophy, or Religion.				Yes
Mathematics Courses					
Pre-Calculus Algebra	MTH 112	MA 112		3	Yes
Pre-Calculus Trigonometry	MTH 113	MA 113		3	Yes
Calculus I	MTH 125	MA 171	Area III	4	Yes
Calculus II	MTH 126	MA 172	Area V	4	Yes
Calculus III	MTH 227	MA 201	Area V	4	No ²
Linear Algebra	MTH 237	MA 244	Area V	3	Yes
Differential Equations	MTH 238	MA 238	Area V	3	No ²
Science Courses					
Biology I	BIO 103	BYS 119	Area III	4	Yes ³
Biology II	BIO 104	BYS 120	Area III	4	Yes ³
General Chemistry I	CHM 111	CH 121/125	Area III	4	Yes ³
General Chemistry II	CHM 112	CH 123/126	Area III	4	Yes ³
Gen Physics w/ Calc I	PHY 213	PH 111/114	Area III	4	Yes ³
Gen Physics w/ Calc II	PHY 214	PH 112/115	Area III	4	Yes ³
Prin of Mod Physics	PHY 218	PH 113/116	Area V	4	Yes ³
Physical Science	PHS 111		Area V	4	Yes ³
Intro to Astronomy	AST 220	AST 106	Area V	4	Yes ³
** A sequence in History or Literature is required History, Social & Behavioral Sciences Courses (12 Hours)					
History	HIS 101	HY 101	Area IV	3	Yes
	HIS 102	HY 102	Area IV		
	HIS 121	HY 103	Area IV		
	HIS 122	HY 104	Area IV		
	HIS 201	HY 221	Area IV		
	HIS 202	HY 222	Area IV		
Social & Behavioral Science	ANT 200	SOC 105	Area IV	6	Yes
	ECO 231	ECN 142	Area IV		
	ECO 232	ECN 143	Area IV		
	GEO 100	GY 105	Area IV		
	GEO 201	GY 110	Area IV		
	POL 211	PSC 101	Area IV		
	PSY 200	PY 101	Area IV		
	PSY 210	PY 201	Area IV		
	SOC 200	SOC 100	Area IV		
SOC 210	SOC 102	Area IV			
History/ Soc & Beh Sci**	Choose 3 hours from: Anthropology, Economics, Geography, History, Political Science, Psychology, or Sociology				Yes
Additional Courses					
C/C++ Programming	CIS 251	CS 102	Area V	3	Yes ⁴
Java Programming	CIS 255	CS 103	Area V	3	Yes ⁴
Advanced C++ Programming	CIS 252	CS 121		3	Yes

1. A maximum of 64 credit hours from a two-year institution can be applied toward a Science degree at UAH.

2. CS majors are required to take: MA 171, MA 172, MA 244, MA 385 and one additional 200 level MA class. Choose from MA 201 or MA 238.

3. CS majors are required to take 3 lab science courses. Two of the three lab sciences must be a sequence in BYS 119 + 120, CH 121/125 + CH 123/126, or PH 111/114 + PH 112/115.

4. CS majors are required to take a programming course. Choose: CS 102 or CS 103.