

Course Title	ACC Course	UAH Equivalent	STARS Area	Hours	Is course required?
<b>English Composition Courses</b>					
English Composition I	ENG 101	EH 101	Area I	3	Yes
English Composition II	ENG 102	EH 102	Area I	3	Yes
<b>** A sequence in History or Literature is required      Humanities and Fine Arts Courses (12 Hours)</b>					
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		
Literature	ENG 251, 261, 271	EH 207	Area II	3	Yes
	ENG 252, 262, 272	EH 208	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
<b>Mathematics Courses</b>					
Pre-Calculus Algebra	MTH 112	MA 112		3	Yes <sup>2</sup>
Pre-Calculus Trigonometry	MTH 113	MA 113		3	Yes <sup>2</sup>
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	Yes
Linear Algebra	MTH 237	MA 244	Area V	3	Yes
<b>Science Courses</b>					
Biology I	BIO 103	BYS 119	Area V	4	Yes <sup>3</sup>
Intro to Chemistry	CHM 104	CH 101/105	Area V	4	Yes <sup>3</sup>
General Chemistry I	CHM 111	CH 121/125	Area V	4	Yes <sup>3</sup>
Gen Physics w/ Calc I	PHY 213	PH 111/114	Area III	4	Yes
Gen Physics w/ Calc II	PHY 214	PH 112/115	Area III	4	Yes
Prin of Mod Physics	PHY 218	PH 113/116	Area V	4	Yes <sup>3</sup>
Intro to Astronomy	AST 220	AST 106	Area V	4	Yes <sup>3</sup>
<b>** A sequence in History or Literature is required      History, Social &amp; Behavioral Sciences Courses (12 Hours)</b>					
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
<b>Additional Courses</b>					
C/C++ Programming	CIS 251	CS 102	Area V	3	Yes
Advanced C++ Programming	CIS 252	CS 121	Area V	3	Yes

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

2. MA 112 and MA 113 are pre-requisites to MA 171. MA 112 and MA 113 are not required unless it is necessary to take these pre-requisite courses.

3. MA majors are required to take PH 111/114 + PH 112/115, plus one additional lab science course. Choose: BYS 119, CH 101/105, CH 121/125, PH 113/116, or AST 106.