

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)					
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	
	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
Mathematics Courses					
Pre-Calculus Algebra	MTH 112	MA 112	Area V	3	Yes ³
Pre-Calculus Trigonometry	MTH 113	MA 113	Area V	3	Yes ³
Calculus I	MTH 125	MA 171	Area III	4	Yes
Calculus II	MTH 126	MA 172	Area V	4	Yes ⁴
Calculus III	MTH 227	MA 201	Area V	4	Yes ⁴
Differential Equations	MTH 238	MA 238	Area V	3	Yes ⁴
Linear Algebra	MTH 237	MA 244	Area V	3	Yes ⁴
Science Courses					
Intro to Chemistry	CHM 104	CH 101/105	Area V	4	Yes ⁵
General Chemistry I	CHM 111	CH 121/125	Area III	4	Yes
General Chemistry II	CHM 112	CH 123/126	Area III	4	Yes
Gen Physics w/ Calc I	PHY 213	PH 111/114		4	Yes
Gen Physics w/ Calc II	PHY 214	PH 112/115		4	Yes
Prin of Mod Physics	PHY 218	PH 113/116		4	Yes
Intro to Astronomy	AST 220	AST 106	Area V	4	Yes ⁵
** 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

1. UAH Physics offers 5 concentrations: General Physics, Applied & Theoretical Physics, Optics, Astronomy & Astrophysics, and Engineering Physics.
2. A maximum of 64 credit hours from a two-year institution can be applied toward a Science degree at UAH.
3. 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.
4. All PH majors are required to take MA 171, MA 172, MA 201, MA 238, and MA 244.
5. PH majors are required to take CH 121/125 + CH 123/126 and one additional science course. Choose: MA 112, MA 113, CH 101/105, or AST 106.