

Course Title	ACC Course	UAH Equivalent	STARS Area	Hours	Concentration For Which Required:
English Composition Courses					
English Composition I	ENG 101	EH 101	Area I	3	All
English Composition II	ENG 102	EH 102	Area I	3	All
** 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	All
	ENG 252, 262, 272	EH 208	Area II		
Fine Art	ART 100	ARH 1XX	Area II	3	All
	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	All
Humanity/ Fine Art/Literature**	Choose 3 hours from: Art Appreciation, Art History, Lit, Foreign Language, Music Appreciation, Philosophy, or Religion.				All
Mathematics Courses					
Pre-Calculus Algebra	MTH 112	MA 112		3	All ³
Pre-Calculus Trigonometry	MTH 113	MA 113		3	All ³
Calculus I	MTH 125	MA 171	Area III	4	All
Calculus II	MTH 126	MA 172	Area V	4	All
Calculus III	MTH 227	MA 201	Area V	4	Chemical Physics, Materials, Pure Chemistry
Linear Algebra	MTH 237	MA 244	Area V	3	Chemical Physics, Materials
Differential Equations	MTH 238	MA 238	Area V	3	Chemical Physics, Materials
Statistics	MTH 265	MA 281	Area V	3	Pre-Pharmacy
Science Courses					
Biology I	BIO 103	BYS 119	Area V	4	All
Biology II	BIO 104	BYS 120	Area V	4	All
General Microbiology	BIO 220	BYS 214		4	Forensics ⁴ , Pre-Pharmacy ⁴ , Biochemistry ⁴
Human Anat & Physiology I	BIO 201	BYS 215		4	Pre-Pharmacy ⁴
Human Anat & Physiology II	BIO 202	BYS 216		4	Pre-Pharmacy ⁴
General Chemistry I	CHM 111	CH 121/125		4	All
General Chemistry II	CHM 112	CH 123/126		4	All
Organic Chemistry I	CHM 221	CH 331/335		4	All
Organic Chemistry II	CHM 222	CH 332/336		4	All
Gen Physics w/ Calc I	PHY 213	PH 111/114	Area III	4	All
Gen Physics w/ Calc II	PHY 214	PH 112/115	Area III	4	All
Prin of Mod Physics	PHY 218	PH 113/116	Area V	4	Materials, Chemical Physics
** A sequence in History or Literature is required History, Social & Behavioral Sciences Courses (12 Hours)					
History	HIS 101	HY 101	Area IV	3	All
	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	All
	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				All
Additional Courses					
C/C++ Programming	CIS 251	CS 102	Area V	3	All ⁵
Java Programming	CIS 255	CS 103	Area V	3	All ⁵

¹. UAH Chemistry offers 11 concentrations: Biochemistry, Pure Chemistry, Materials Chemistry, Chemical Physics, Forensics Chemistry, Chemical Education, Environmental Chemistry, Pre-Professional Chemistry, Pre-Pharmacy, Chemical Business, and General Chemistry.

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. BY 214, BY 215, BY 216 can count as electives for CH majors, but will NOT count as upper level credits. 39 upper level credits are required to graduate.

⁵. CH majors are required to take a programming course. Choose: CS 102 or CS 103.