



Transfer Guide

UAH and Alabama Community Colleges

Biology (BYS) Major

Courses listed below can be taken at an any Alabama Community College (ACC) and *may be* applied toward a Biology degree at UAH.
64 credit hours can be applied toward a UAH College of Science degree.

English Composition				
Course Title	ACC Course	UAH Equivalent	STARS Area	Credit Hours
English Composition I	ENG 101	EH 101	Area I	3
English Composition II	ENG 102	EH 102	Area I	3
Humanities and Fine Arts				
Course Title	ACC Course	UAH Equivalent	STARS Area	Credit Hours
Fine Art: Choose one	ART 1XX, ART 203, ART 204, MUS 101, THR 120	ARH 1XX, ARH 100, ARH 101, MU 100, TH 122	Area II	3
Literature: Choose one	ENG 251, 252, 261, 262, 271, 272	EH 207 or EH 208	Area II	3
Speech: Required	SPH 107	CM 113	Area II	3
Humanity/Fine Art/Literature**	Choose one more course from: Fine art, Literature, Foreign Language, Philosophy, or Religion. **A sequence in History or Literature is required		Area II	3
Mathematics MA 171 or MA 120 required				
Course Title	ACC Course	UAH Equivalent	STARS Area	Credit Hours
Pre-Calculus Algebra	MTH 112	MA 112	Area V	3
Pre-Calculus Trigonometry	MTH 113	MA 113	Area V	3
Calculus w/ Apps	MTH 120	MA 120	Area III	3
Calculus I	MTH 125	MA 171	Area III	4
Calculus II	MTH 126	MA 172	Area V	4
Statistics	MTH 265	MA/ST 281	Area V	3
Natural/Lab Sciences PH 101 & PH 102 or PH 111/114 & PH 112/115 required				
Course Title	ACC Course	UAH Equivalent	STARS Area	Credit Hours
Biology I	BIO 103	BYS 119		4
Biology II	BIO 104	BYS 120		4
General Microbiology	BIO 220	BYS 214		4
Human Anatomy & Physiology I	BIO 201	BYS 215		4
Human Anatomy & Physiology II	BIO 202	BYS 216		4
Intro to Chemistry	CHM 104	CH 101/105	Area V	4
Intro to Organic Chemistry	CHM 105	CH 201/205	Area V	4
General Chemistry I	CHM 111	CH 121/125	Area V	4
General Chemistry II	CHM 112	CH 123/126	Area V	4
General Physics I	PHY 201	PH 101	Area III	4
General Physics II	PHY 202	PH 102	Area III	4
Gen Physics w/ Calculus I	PHY 213	PH 111/114	Area III	4
Gen Physics w/ Calculus II	PHY 214	PH 112/115	Area III	4
History, Social & Behavioral Sciences				
Course Title	ACC Course	UAH Equivalent	STARS Area	Credit Hours
History: Choose one	HIS 101, 102,121,122,201,202	HY 101, 102, 103, 104, 221, 222	Area IV	3
Social & Behavioral Science: Choose 2	ANT 200, ECO 231, ECO 232, GEO 100, GEO 201, POL 211, PSY 200, PSY 210, SOC 200, SOC 210	SOC 105, ECN 142, ECN 143, GY 105, GY 110, PSC 101, PY 101, PY 201, SOC 100, SOC 102	Area IV	6
History/Soc & Beh Science**	Choose one more History or Social/Behavioral Science course **A sequence in History or Literature is required		Area IV	3
Computer Programming, required for all COS degrees. Choose one:				
Course Title	ACC Course	UAH Equivalent	STARS Area	Credit Hours
Intro to Computer Programming Conc	CIS 201	CS 1XX	Area V	3
C/C++ Programming	CIS 251	CS 102	Area V	3
Java Programming	CIS 255	CS 103	Area V	3