



Transfer Guide

UAH and Alabama Community Colleges Atmospheric & Earth Science (AES) Major

Courses listed below can be taken at an any Alabama Community College (ACC) and **may be** applied toward an ESS 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/FineArt/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, MA 172, MA 201, MA 238 and MA 385 required for ESS/Atmospheric Science/Meteorology degree. MA 385 taken at UAH only.				
MA 171, MA 172, MA/ST 281 required for ESS/Geographic Information Systems GIS degree.				
Course Title	ACC Course	UAH Equivalent	STARS Area	Credit Hours
Pre-Calculus Algebra	MTH 112	MA 112		3
Pre-Calculus Trigonometry	MTH 113	MA 113		3
Calculus with Applications	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
Calculus III	MTH 227	MA 201	Area V	4
Differential Equations	MTH 238	MA 238	Area V	3
Statistics	MTH 265	MA/ST 281	Area V	3
Natural/Lab Sciences CH 121/125, PH 111/114, PH 112/115 required for ESS/Atmospheric Science/Meteorology and ESS/GIS degree.				
Course Title	ACC Course	UAH Equivalent	STARS Area	Credit Hours
Introto Chemistry	CHM 104	CH 101/105	Area V	4
General Chemistry I	CHM 111	CH 121/125	Area V	4
General Physics I + II	PHY 201 + 202	PH 101 + 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
C/C++ Programming	CIS 251	CS 102	Area V	3
Java Programming	CIS 255	CS 103	Area V	3